HAFB 2094

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February 5, 2004

Ms. Sandra Martin
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2905 Rodeo Park Drive East
Santa Fe, New Mexico 87505-6303

Subject: FT-31 Voluntary Corrective Measures Closure Report
Holloman AFB, New Mexico
USACE – Omaha District
Contract No. DACA45-03-D-0023, DO No. 2
Bhate Project No. 9030232.03.01

Dear Ms. Martin,

Please find enclosed two CD's of the DRAFT *FT-31 Voluntary Corrective Measures Closure Report – Holloman AFB, New Mexico* for your review.

Bhate Environmental Associates, Inc., appreciates the opportunity to provide services to the U.S. Army Corps of Engineers, Holloman Air Force Base and the State of New Mexico. If you have any questions or need additional assistance, please feel free to contact us at (205) 918-4000.

Cordially,
BHATE ENVIRONMENTAL ASSOCIATES, Inc.

Frank Gardner, P.G.
Program Manager

cc w/ enclosures: Cornelius Amindyas (NMED/HWB)
Steve Jetter (NMED/HWB)
James Harris (USEPA/Region 6)

Enclosures Not Found

DRAFT

FT-31 EXCAVATION VOLUNTARY CORRECTIVE MEASURE REPORT

HOLLOMAN AIR FORCE BASE, NEW MEXICO

Under Contract To:

U.S. Army Corps of Engineers

Omaha, NE

Under Contract No. DACA45-03-D-0008

Delivery Order No. 1

March 2004

Prepared by:

Bhate Environmental Associates, Inc.

1608 13th Avenue South, Suite 300

Birmingham, Alabama 35205

Bhate Project No. 9030232

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DRAFT

FT-31 EXCAVATION VOLUNTARY CORRECTIVE MEASURE REPORT

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LIST OF ACRONYMS

AST	aboveground storage tank
bgs	below ground surface
c. y.	cubic yards
COC	contaminant of concern
DO	delivery order
DQCR	daily quality control report
DRO	diesel-range organics
EBASCO	Ebasco Environmental Corporation
EPA	U.S. Environmental Protection Agency
ERP	Environmental Restoration Program
Foster Wheeler	Foster Wheeler Environmental Corporation
FT-31	Fire-Training Area 31
ft	feet
GRO	gasoline-range organics
HAFB	Holloman Air Force Base, New Mexico
LEL	lower explosive limit
mg/kg	milligrams per kilogram
NFA	No further action
NMED	New Mexico Environment Department
ORO	oil-range organics
OWS	oil/water separator
PCS	petroleum-contaminated soil
PID	photoionization detector
PPE	personal protective equipment
POL	petroleum, oils, and lubricants
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
Rhino	Rhino Environmental Services, Inc.
RI	remedial investigation
SSHP	Site Safety and Health Plan
SVOC	semivolatile organic compound
SS-17	Spill Site 17
SWMU	solid waste management unit
TCLP	toxicity characteristic leaching procedure
TDS	total dissolved solids
TPH	total petroleum hydrocarbons

USACE	U.S. Army Corps of Engineers
VOC	volatile organic compound
WAD	work authorization directive

1 PROJECT OBJECTIVE

The U.S. Army Corps of Engineers, Omaha District (USACE) has retained Bhate Environmental Associates, Inc. (Bhate) to prepare this Voluntary Corrective Action Measure Report for the Excavation at IRP FT-31 at Holloman Air Force Base (HAFB), New Mexico. Bhate prepared this document for HAFB under the Service Contract with the USACE (Contract No. DACA45-03-D-0008, Delivery Order (DO) No. 1).

This report documents the excavation and sampling procedures and the analytical protocol performed to remove petroleum-contaminated soil (PCS) from the Environmental Restoration Program (ERP) Site FT-31–Former Fire Protection Training Area.

All activities were conducted in accordance with the *Phase I Project Plans for Remediation of POL-Contaminated Sites and Oil/Water Separator (OWS) Removals*, which included the work plan, quality assurance project plan, field sampling and analysis plan, and contractor quality control plan (Ebasco Environmental Corporation [EBASCO] 1995); and the *Basewide Site Safety and Health Plan (SSHP) (Foster Wheeler Environmental Corporation* [Foster Wheeler] 2000a).

The purpose of this project was to achieve site closure objectives through removal of PCS within the area of FT-31 to support a No Further Action (NFA) conclusion. The NFA is based upon evaluation of confirmation sampling results that indicate the site is free of contamination and present acceptable risk to human health and the environment.

1.1 Site Background

FT-31 is located north of the Main Base Area and west of the former Main Base Landfill (Figure 1). It is the only identified site of former fire department training at HAFB and was located in the same general area since the HAFB was activated. The site formerly consisted of a circular, gravel-lined area where a mock aircraft was located for use in training. HAFB abandoned FT-31 in 1990 as a training facility and moved training exercises to a new facility approximately 0.5 miles north.

Until 1979, waste oils, solvent, and fuel were delivered to FT-31 from all major industrial shops. The flammable liquids were sprayed on the mock aircraft and ignited for the training exercises. Beginning in 1979 only new fuel was used in fire department training exercises. Training exercises included pre-soaking the area with water prior to fuel application and ignition. Fuels used for igniting fires were stored in an underground steel tank near the site. Most of the ignition materials were consumed in the fires; however, some percolation of these materials into the groundwater occurred.

The Phase I Records Search (CH2M Hill 1983) concluded that percolation of waste fuel and solvents into the groundwater was inevitable; therefore, further investigation was recommended. The Phase II Stage I investigation (Dames & Moore 1984) of this site consisted of the installation of one monitoring well and the sampling of two soil borings. This study concluded that FT-31 had low levels of volatile organic compounds (VOCs) and semivolatile organic

compounds (SVOCs) contamination and recommended further study.

The Remedial Investigation (RI) conducted for the site (Walk, Haydel, and Associates 1989) consisted of a soil gas survey, installation of seven monitoring wells, drilling and sampling of two borings, and collection of four sediment samples. The RI report concluded that extensive soil and water contamination (total petroleum hydrocarbons [TPH], VOCs and some SVOCs) was found in the OWS area and recommended that the OWS be removed.

The New Mexico Environment Department (NMED) requested further investigation at the site and a Phase I Resource Conservation and Recovery Act (RCRA) Facility Investigation was conducted at Solid Waste Management Units (SWMUs) 39, 127, and 135 in the north part of the site (see Figure 2). An additional investigation was conducted in the southern portion of the site at SWMUs 170 and 171 as part of the Table I Phase II RFI. The investigation further delineated TPH-contaminated soil and a bioventing system was constructed at SWMUs 39, 127, 135, and 170 and the JP-4 tank area in June 1996. The bioventing system has been operational at the site since 1996.

Foster Wheeler initiated site closure activities at FT-31 beginning in late November 2002 at the eastern excavation area. Bhate continued the site closure activities in March 2003 and completed them in July 2003

Contaminated soil in the area of the depression was excavated and disposed off site, and the site was backfilled in fall 1999. The runoff from the training exercises was collected in an OWS prior to discharge to an open pit. The OWS was previously removed.

Groundwater occurs approximately 21 feet (ft) below ground surface (bgs) with the hydraulic gradient toward the southeast.

1.2 Technical Approach

This report includes all information related to the excavation activities that took place at FT-31 that were conducted to remove PCS from each site in support of site closure and a recommendation of NFA under NMED Criterion #5:

> *The site was characterized/remediated in accordance with applicable state and/or federal regulations, and the available data indicate that contaminants pose and acceptable level of risk under current and projected future land use.*

Subsequent to state-approval of the closure for this site, a Class 3 RCRA permit modification will be required to be prepared and submitted to NMED in order to move them from Table A.1 to Table A.2 of HAFB's RCRA Part B permit.

During previous field operations performed as part of the Phase I remediation of Basewide PCS sites, OWSs and waste oil tanks were removed and subsurface soil samples were collected from each site excavation to determine if any soil remained in place that exceeded the regulatory action level (EBASCO 1995). Contaminated soil remained at FT-31 at concentrations above action levels and required additional in-situ soil remediation. At the time of the site investigations, bioventing technology was determined to be the most cost effective alternative

based on site-specific information; however, soil contaminant levels in excess of regulatory action levels for TPH and RCRA constituents required the excavation, transport, and disposal of PCS.

1.3 Risk-Based Clean-up Approach

The objective of the excavation activities presented in this voluntary corrective measure report was to remove contaminated soil from FT-31 support closure and a recommendation for NFA. Field screening data collected as a result of field screening was evaluated once excavation of the sites was completed in 2003. During excavation, the results from the analytical laboratory for excavation confirmation sample were evaluated for the site as a whole to determine whether excavation activities at a site have removed contaminated soil to the point where there is an acceptable risk due to exposure at the site.

2 SITE CLOSURE ACTIVITIES

2.1 Excavation Activities

Excavation activities at the FT-31 site where initially began by Foster-Wheeler and were later completed by Bhate. See Figure 3 for the location of the excavations within FT-31.

2.1.1 East Excavation

Foster Wheeler began initial excavation and removal activities at the east excavation in November 2002, and site closure activities were completed in January 2003. The final extend of the east excavation was approximately 190 ft by 230 ft with a total depth of 21 ft. Approximately 25,000 cubic yards (c.y.) of soil was removed, stockpiled, and sampled. It was determined through field screening and confirmed with laboratory analysis that approximately 2,000 c.y. (2,298 tons) of the soil contained TPH at concentrations greater than the 940 mg/kg action level. This soil was removed from the site and disposed of as New Mexico Special Waste by Rhino Environmental Services, Inc. (Rhino). The remaining clean soil excavated at this site, containing TPH less than 940 mg/kg, was used as excavation backfill. Appendix A.1 provides copies of the waste manifests for the soil requiring offsite disposal. Appendix B.1 presents the completion inspection and photographs taken during the excavation field activities.

2.1.2 South Excavation

Bhate began excavation and removal activities at the south excavation in March 2003, and site closure activities were completed by June 2003. The final extend of the south excavation was approximately 250 ft by 250 ft with a total depth of 21 ft. Approximately 49,000 cubic yards (c.y.) of was soil removed, stockpiled, and sampled. Approximately 12,000 c.y. (15,000 tons) of the soil contained TPH at concentrations greater than the 940 mg/kg action level. This soil was disposed of as New Mexico Special Waste by Rhino. The remaining clean soils excavated at this site, containing TPH less than 940 mg/kg, were used as excavation backfill. Appendix A.2 provides copies of the waste manifests for the soil requiring offsite disposal. Appendix B.2 presents the completion inspection and photographs taken during the excavation field activities.

2.1.3 North Excavation

Bhate began excavation and removal activities at the north excavation in June 2003, and site closure activities were completed by July 2003. The final extend of the north excavation was approximately 120 ft by 190 ft with a total depth of 21.5 ft. Approximately 18,000 cubic yards (c.y.) of was soil removed, stockpiled, and sampled. It was determined through laboratory analysis that approximately 2,400 c.y. (3,100 tons) of the soil contained TPH at concentrations greater than the 940 mg/kg action level. This soil was removed from the site and disposed of as New Mexico Special Waste by Rhino. The remaining clean soils excavated at this site, containing TPH less than 940 mg/kg, were used as excavation backfill. Appendix A.3 provides copies of the waste manifests for the soil requiring offsite disposal. Appendix B.3 presents the

completion inspection and photographs taken during the excavation field activities.

2.2 Sampling and Analysis

Excavation confirmation and soil stockpile samples required for site closure and the management of stockpiled soils were collected during field activities. Copies of laboratory reports and data validation findings are provided in Appendix C.1, C.2 and C.3 for the eastern, southern and northern excavations, respectively.

2.2.1 Confirmation Sampling

Confirmation soil samples were collected from the sidewalls of each of the excavations. No samples were collected from the bottom of the excavations because the excavation extended below the water table. All excavation confirmation samples were analyzed by the offsite laboratory for the following:

- TPH as DRO, GRO, and ORO–EPA method Modified 8015
- VOCs–EPA method 8260B
- SVOCs–EPA method 8270C

The results of the laboratory analyses were reviewed and compared to the site screening levels (SSLs). The SSLs for the total TPH were derived from averaged TPH values for diesel #2, crancase oil, #3 fuel oil, #6 fuel oil, kerosene and jet fuel from the *New Mexico Environment Department TPH Screening Guidelines* (June 2003) . The SSLs for other COCs were calculated values using the data and equations provided in the *New Mexico Environment Department Technical Background Document for Development of Soil Screening Levels* (January 2001).

2.2.1.1 East Excavation

A total of 53 confirmation samples were collected by Foster Wheeler from the sidewalls along the perimeter of the east excavation according to the protocol presented in Section 3.1 of the work plan (Foster Wheeler Environmental 2003) (Figure 4). None of these samples exceeded the associated SSLs. The results of the Foster Wheeler sampling for the east excavation confirmation samples are presented in Table 2-1.

2.2.1.2 South Excavation

A total of 36 confirmation samples were collected by Bhate from the sidewalls along the perimeter of the south excavation according to the protocol presented in Section 3.1 of the work plan (Foster Wheeler Environmental, 2003) (Figure 5). None of these samples exceeded the associated SSLs. The results of the Bhate sampling for the south excavation confirmation

samples are presented in Table 2-2.

2.2.1.3 North Excavation

A total of 29 confirmation samples were collected by Bhate from the sidewalls along the perimeter of the north excavation according to the protocol presented in Section 3.1 of the work plan (Foster Wheeler Environmental 2003) (Figure 6). None of these samples exceeded the associated SSLs. The results of the Bhate sampling for the north excavation confirmation samples are presented in Table 2-3.

2.2.1.4 Groundwater

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Six monitoring wells exist at or around the FT-31 site. These include the upgradient monitoring wells MW-10 and MW-7 and four monitoring wells (LM-01 to LM-04). Refer to Figure 7 for the locations of these wells. These four wells were installed in support of FT-31 land farm operations and are located within the excavated areas. The six monitoring wells were sampled twice; once on August 26, 2003 and again on November 8, 2003 and analyzed for VOCs and SVOCs. Data from these wells are tabulated in Table 2-4.

Evaluation of the data indicates that the concentrations of the analytes were below the method detection limit indicating that the groundwater in the area is unimpacted. The groundwater data was further evaluated by comparing the maximum detection limits with the New Mexico Groundwater standards (NMAC 20.6.2.3103) for the chemicals of concern. Note chemicals of concern are chemicals that had positive detection in at least one soil sample. Groundwater data for those chemicals are listed in Table 2-4(a) along with the New Mexico groundwater standards. For chemicals that do not have New Mexico groundwater standards, equivalent risk-based target levels for groundwater were developed (also refer to Appendix F).

Table 2-4(a) indicates:

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- A total of 20 chemicals had positive detections in soil.
- Of the 20 chemicals, 9 have tabulated NMAC groundwater standards and for the remaining 11 chemicals equivalent risk-based groundwater standards were developed.
- Of the 20 chemicals, the groundwater detection limits were lower than the water quality standards or equivalent for 19 chemicals.
- For one chemical, the detection limit exceeded the water quality standards or equivalent. However, it is not of concern since it was detected only twice in soil and is not a wide spread chemical.

~~#### 2.2.1.4 Groundwater~~

~~It should be noted that visible sheen was observed on the groundwater surface during the excavations previously described. In addition, four monitoring wells (Figure 7) installed in support of the FT-31 Landfarm are located within the excavated areas. These wells have been sampled for two consecutive quarters as required by temporary discharge permit. The results of this sampling (Table 2.4) have been reviewed against the *New Mexico Standards for*~~

~~*Groundwater of 10,000 mg/L TDS Concentration of Less* (NMAC 20.6.2.3103) and indicate that no residual contamination from the 5 SWMUs at FT-31 remains.~~

2.2.2 Stockpile Sampling

Twenty-two soil samples were collected by Foster Wheeler from stockpiles suspected to contain contamination at a frequency of one sample per 100 c.y. (Section 3.1 of the work plan) at this site and an additional 25 were collected by Bhate. All stockpile samples were analyzed by the offsite laboratory for the following:

- TPH as diesel-range organics (DRO), gasoline-range organics (GRO), and oil-range organics (ORO)–U.S. Environmental Protection Agency (EPA) method Modified 8015
- VOCs–EPA method 8260B
- SVOCs–EPA method 8270C

The offsite laboratory also analyzed the Forster Wheeler samples for toxicity characteristic leaching procedure (TCLP) RCRA metals, RCRA VOCs, RCRA SVOCs, reactivity, and ignitability when TPH results were greater than 940 mg/kg as required for disposal characterization. As presented in Tables 2-5 (Foster Wheeler) and 2-6 (Bhate), evaluation of the analytical results indicated 23,800 c.y. of soil removed from the three excavations required offsite disposal. All other soil removed from the three excavations was used as backfill to during the site restoration activities.

2.3 Site Restoration

Site restoration activities for the project included backfilling the excavation with clean soil stockpiled during the excavation and additional base re-use material as needed. The backfill was compacted with a sheep's foot vibrating compactor. Soil with TPH concentrations less than 940 mg/kg was also used for backfill.

2.3.1 East Excavation

Borrow soil from the HAFB reuse area was used by Foster Wheeler to backfill the east excavation to within 12 to 15 ft from surface grade and the site was secured with a perimeter storm water safety berm (FCR 2002-FT-31-03). Following these east excavation site restoration activities, the USACE project engineer performed a completion inspection in January 2003. A copy of the completion inspection report is included in Appendix B.

In March 2003 Bhate completed the backfilling of the east excavation that was begun by Foster Wheeler. The excavation was graded to existing surface topography and slightly arched to provide drainage for surface water run-off.

2.3.2 South Excavation

Clean borrow soil from the FT-31 excavations was used by Bhate to backfill the south excavation, supplemented by soil from the HAFB reuse area. The south excavation site restoration activities were completed in June 2003.

2.3.3 North Excavation

Clean borrow soil from the FT-31 excavations was used by Bhate to backfill the north excavation, supplemented by soil from the HAFB reuse area. The north excavation site restoration activities were completed in June 2003.

2.4 Waste Handling

Rhino transported approximately 2,300 tons of PCS in excess of 940 mg/kg to their land farm facility in Newman, New Mexico during the Foster-Wheeler excavation activities in 2002 and 2003. They transported an additional 15,000 tons of PCS to their land farm during the Bhate excavation activities in 2003. The waste manifests for contaminated soil from all of these excavations are presented in Appendix A.

3 CONCLUSIONS AND RECOMMENDATION

A total of 92,000 c.y. of soil was excavated with approximately 16,400 c.y. disposed off site as PCS. A summary of the stockpile sample results are presented in Tables 3-1 (Foster Wheeler) and 3-2 (Bhate). Of the total of 118 confirmation samples collected from the three excavations, none had reported results which exceeded the SSLs. A summary of the confirmation sample results are presented in Tables 3-3 (Foster Wheeler) and 3-4 (Bhate). Finally, groundwater data collected to support quarterly sampling requirements driven by the FT-31 Landfarm also suggest that groundwater quality.

Based on data collected during the RI and observations made during the excavation completed at the site in 2003, no further excavation and removal of PCS is required at FT-31.

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NMED (New Mexico Environment Department), June 24, 2003, *New Mexico Environment Department TPH Screening Guidelines*.

Walk, Haydel and Associates, December 1989, *Final Remedial Investigation Report for Installation Restoration Program Sites.*

APPENDIX A

WASTE MANIFESTS

FIGURES

TABLES

APPENDIX B

HAFB AND/OR USACE SITE INSPECTION REPORTS

APPENDIX C

ANALYTICAL DATA

APPENDIX D

ACTIVITY PHOTOGRAPHS

APPENDIX E

FIELD CHANGE REQUESTS

APPENDIX F

DEVELOPMENT OF GROUNDWATER TARGET LEVELS

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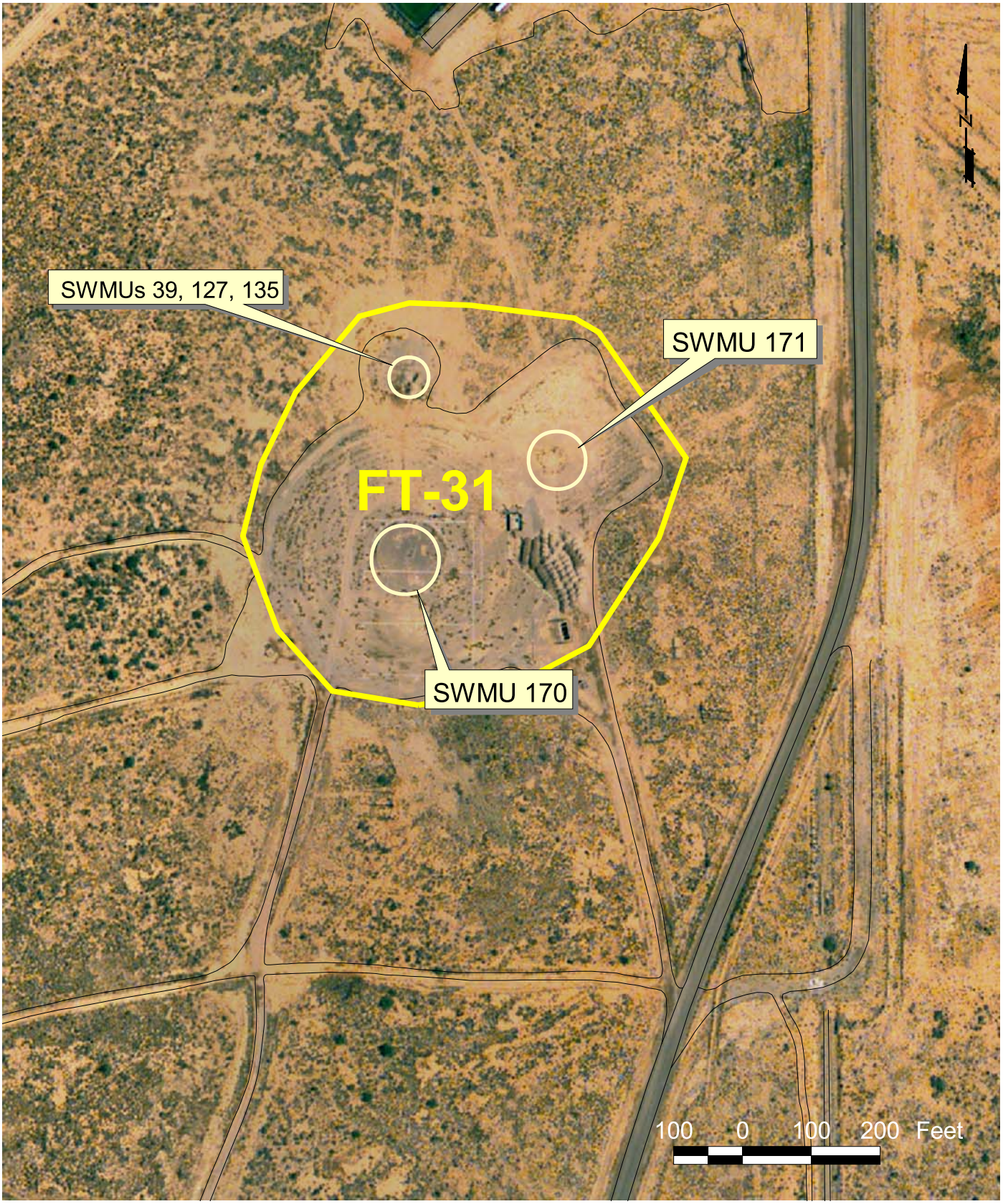
SITE LOCATION MAP

PROJECT NO.	SCALE	DATE	DRAWN BY:
9030232	1"=2000'	2/19/04	CM
			DRAWING NO: FIG1 GIS

SITE FT-31
HOLLOMAN AFB, NEW MEXICO

FIGURE 1



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SITE LAYOUT MAP
(FT-31 AND SWMU BOUNDARY)

PROJECT NO.	SCALE	DATE	DRAWN BY:
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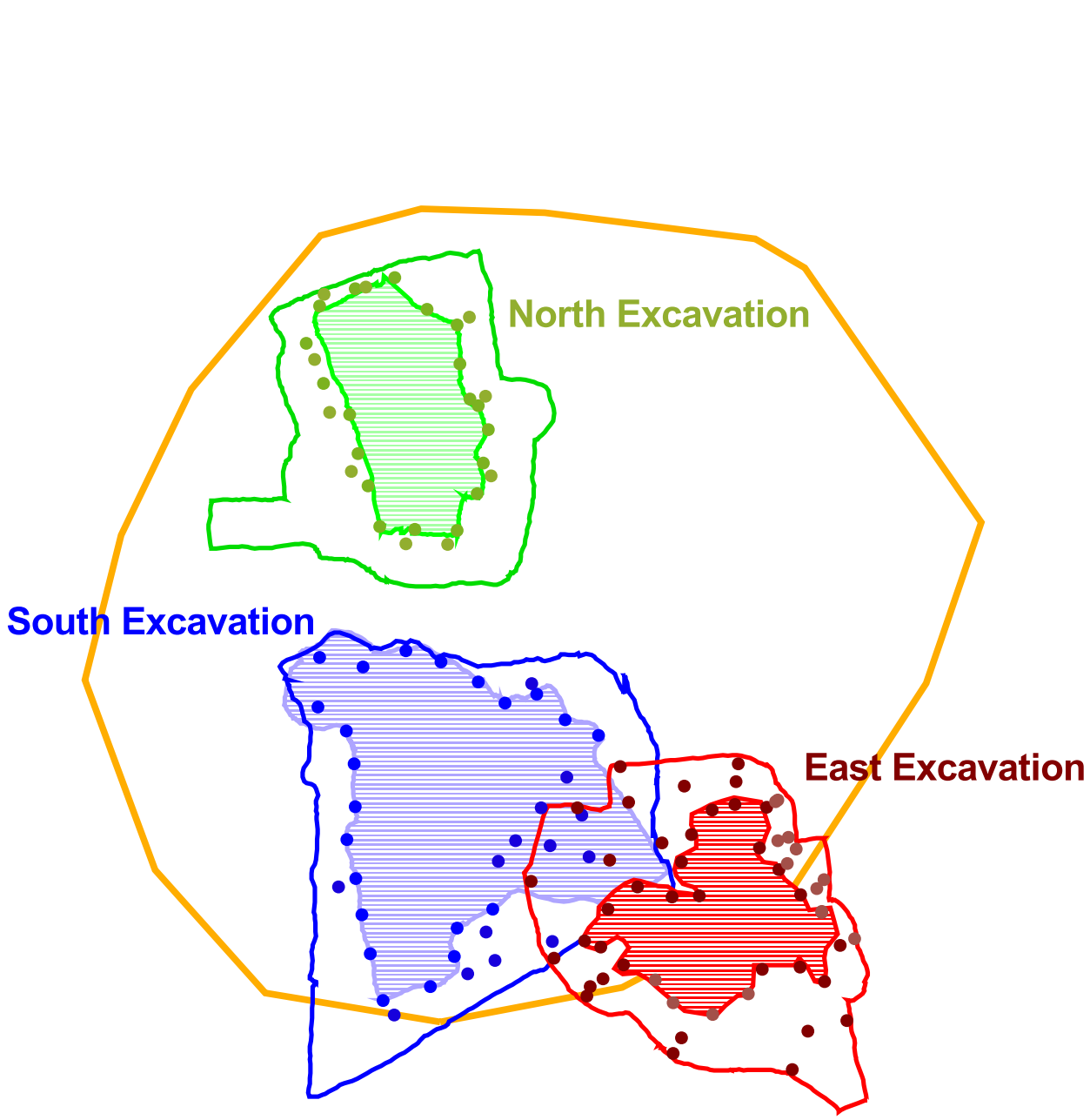
DRAWING NO: FIG2_GIS

SITE FT-31
HOLLOMAN AFB, NEW MEXICO

FIGURE 2



LEGEND

- EAST SAMPLE LOCATIONS
- NORTH SAMPLE LOCATIONS
- SOUTH SAMPLE LOCATIONS
- EAST EXCAVATION LOWER AREA
- EAST EXCAVATION UPPER AREA
- SOUTH EXCAVATION LOWER AREA
- SOUTH EXCAVATION UPPER AREA
- NORTH EXCAVATION LOWER AREA
- NORTH EXCAVATION UPPER AREA
- FT-31 BOUNDARY

120 0 120 Feet

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EXCAVATION BOUNDARIES WITH CONFIRMATION SAMPLE LOCATIONS

PROJECT NO.	SCALE	DATE	DRAWN BY:
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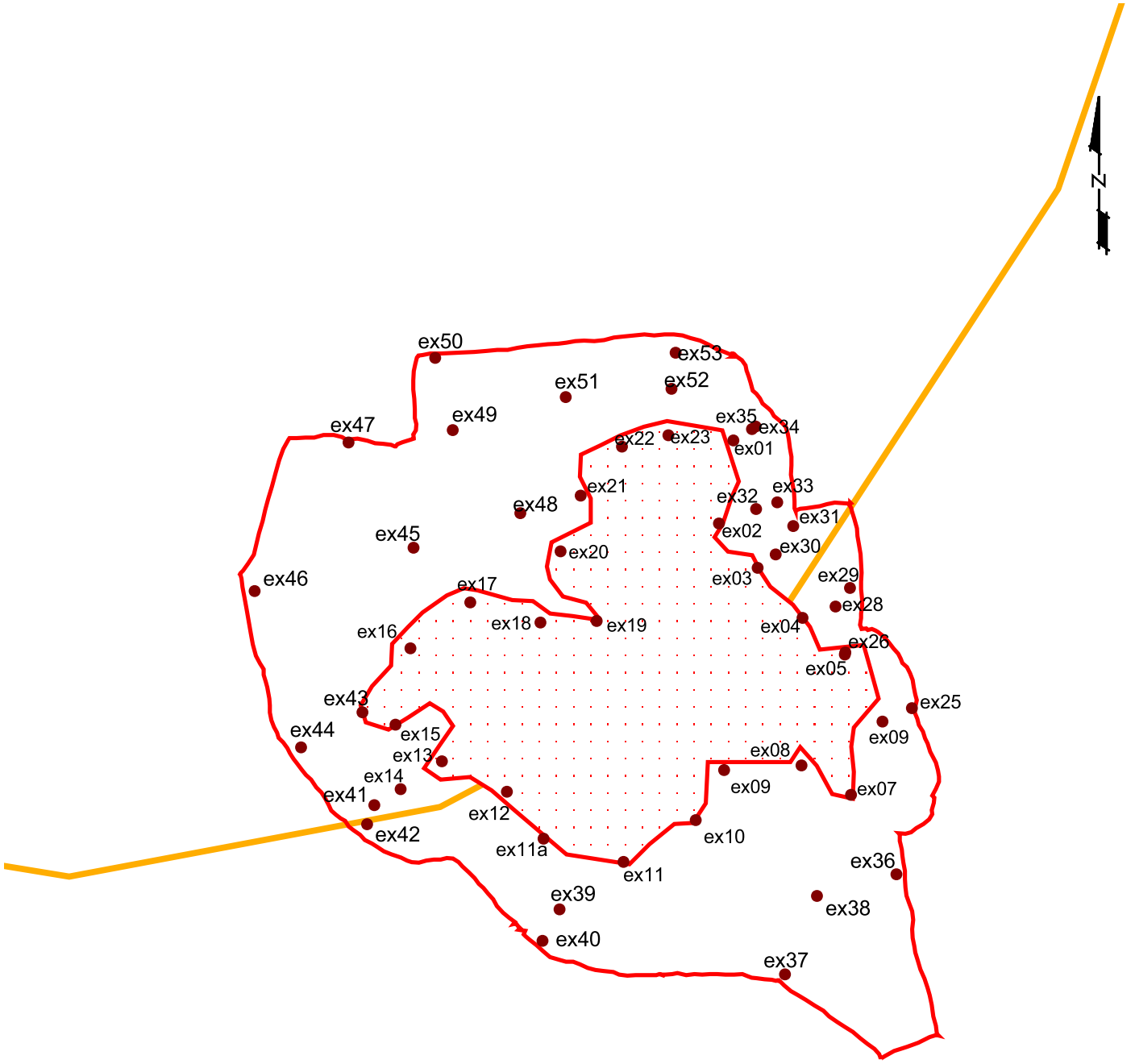
			DRAWING NO: fig3_gis

SITE-31
HOLLOMAN AFB, NEW MEXICO

FIGURE 3



LEGEND

- EAST SAMPLE LOCATIONS
- EAST EXCAVATION LOWER AREA
- EAST EXCAVATION UPPER AREA
- FT-31 BOUNDARY
- ex 40 POINT DESIGNATIONS

30 0 30 60 Feet

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EAST EXCAVATION AREA
AT SITE FT-31

PROJECT NO.	SCALE	DATE	DRAWN BY:
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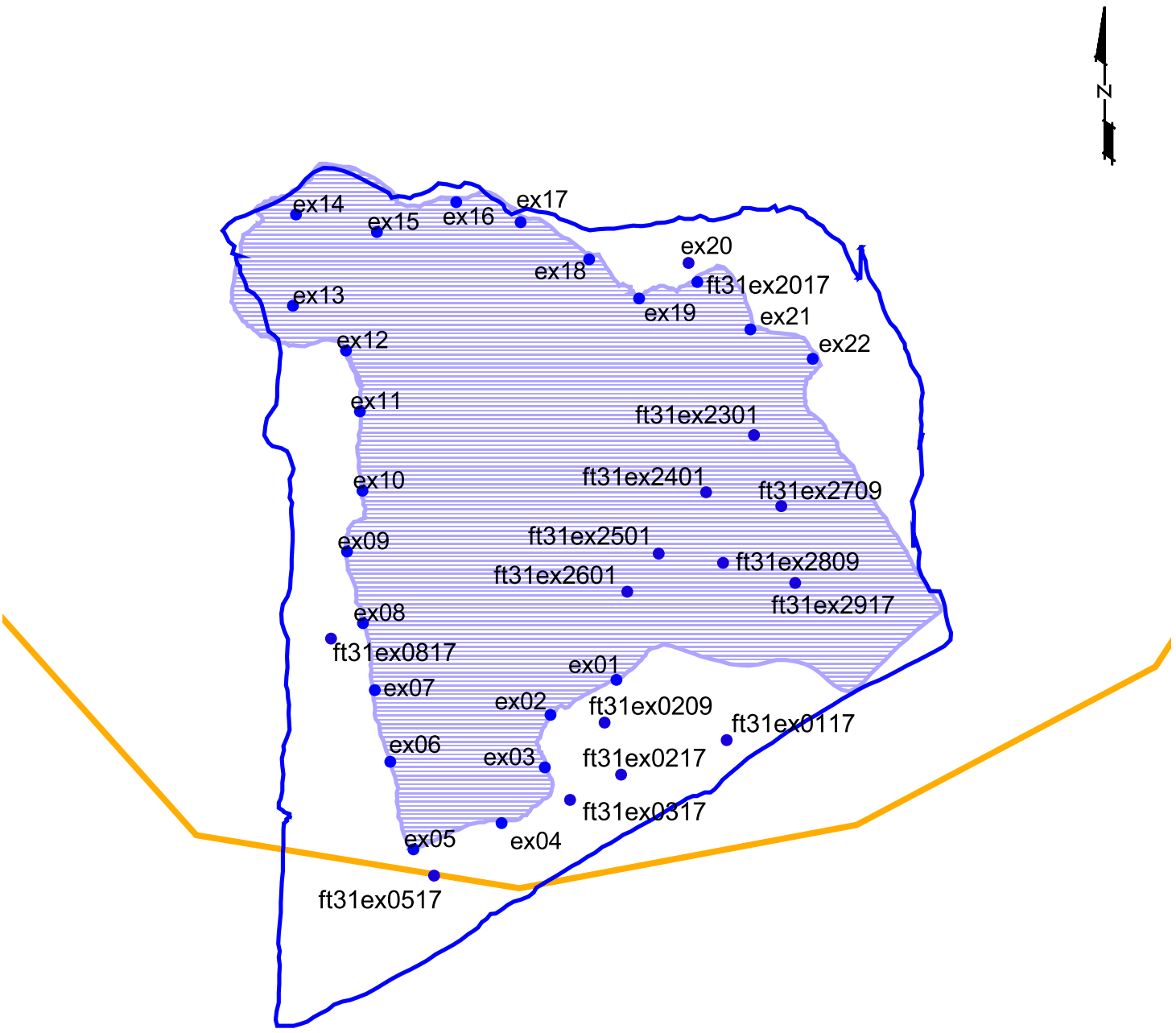
SITE FT-31
HOLLOMAN AFB, NEW MEXICO

FIGURE 4



LEGEND

- SOUTH SAMPLE LOCATIONS
- SOUTH EXCAVATION LOWER AREA
- SOUTH EXCAVATION UPPER AREA
- FT-31 BOUNDARY
- ex 4 POINT DESIGNATIONS

30 0 30 60 Feet

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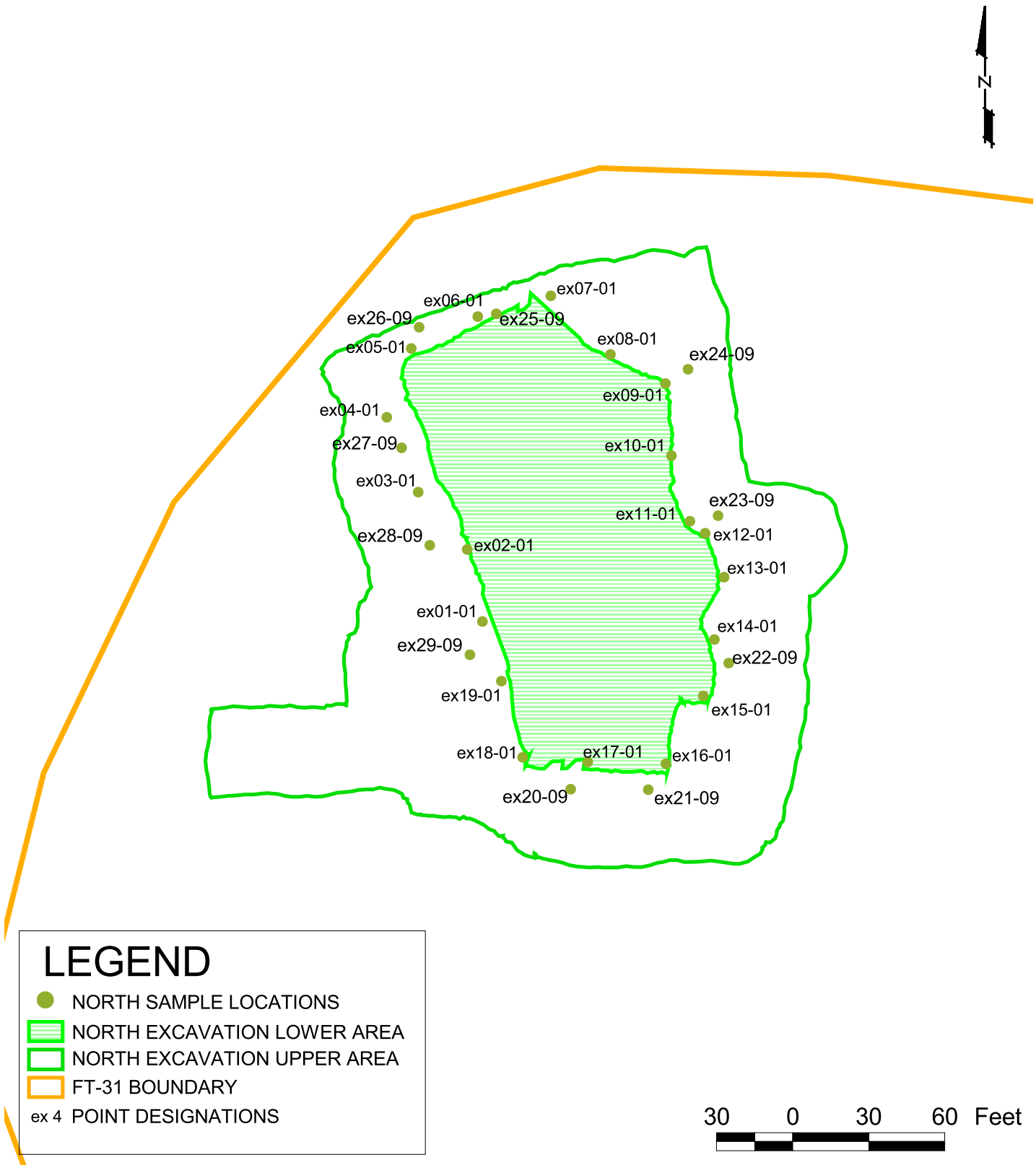
SOUTH EXCAVATION AREA AT SITE FT-31

PROJECT NO.	SCALE	DATE	DRAWN BY:
9030232	1"=60'	2/16/04	CM

DRAWING NO: FIG5_GIS

SITE FT-31
HOLLOMAN AFB, NEW MEXICO

FIGURE 5



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NORTH EXCAVATION AREA
AT SITE FT-31

PROJECT NO.	SCALE	DATE	DRAWN BY:
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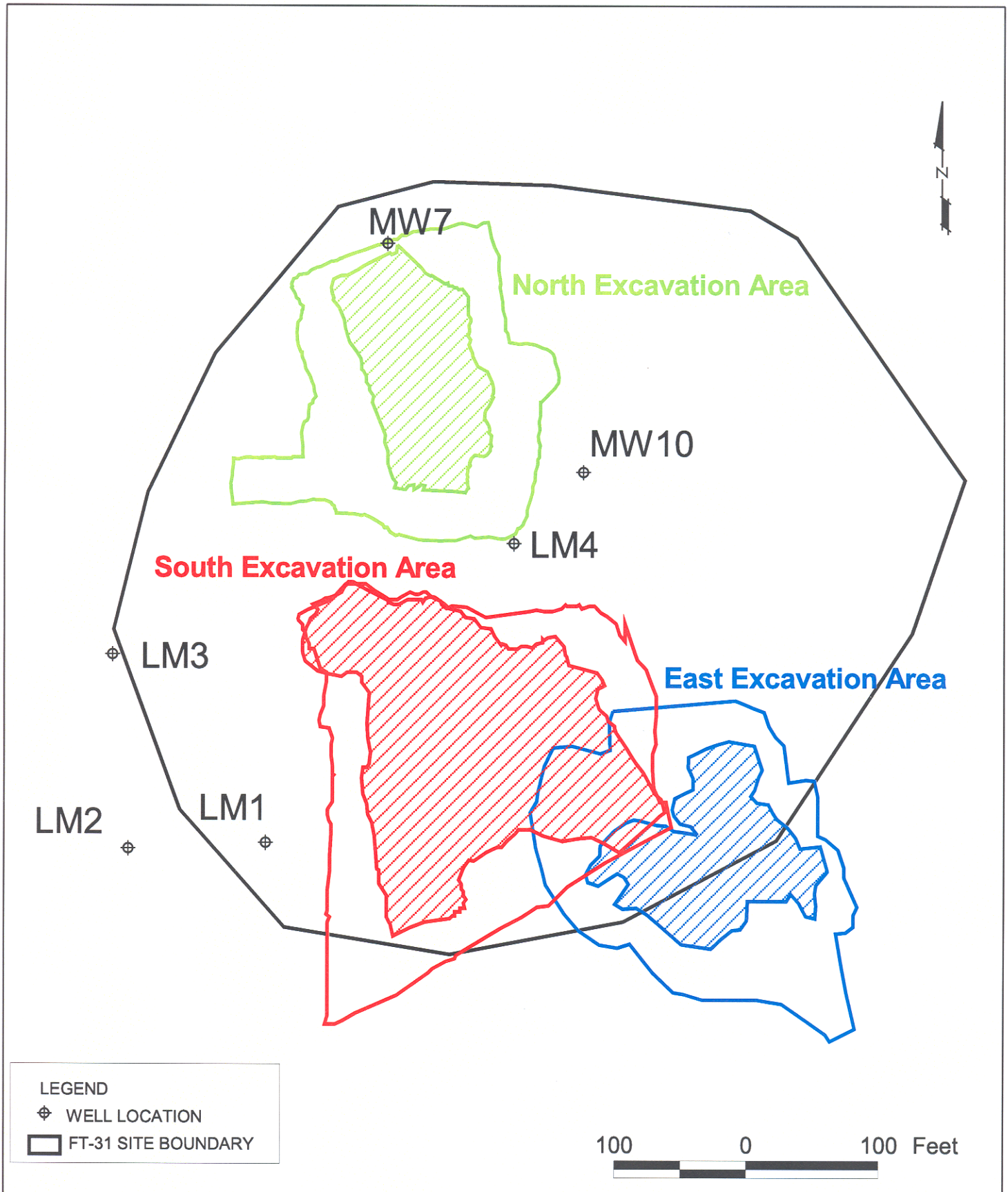
DRAWING NO: FIG6_GIS

SITE FT-31
HOLLOMAN AFB, NEW MEXICO

FIGURE 6



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SITE LAYOUT MAP

SITE FT-31
HOLLOMAN AFB, NEW MEXICO

PROJECT NO.	SCALE	DATE	DRAWN BY:
9030232	1"=100'	3/12/04	CM

DRAWING NO: FIG7

FIGURE 7

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)						
	Residential	Commercial	FT31EX01	FT31EX02	FT31EX03	FT31EX03B	FT31EX04
Petroleum Hydrocarbons (µg/Kg)							
C06 - C10			ND	ND	ND	ND	ND
C10 - C22			ND	ND	ND	48,000	ND
C22 - C32			ND	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	ND	ND	ND	48,000	ND
VOCs (µg/kg)							
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	ND	ND	ND	3,460	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	ND	1,130	ND
Benzene	1.12E+04	2.45E+04	ND	ND	ND	404	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	ND	3,090	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	716	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	720	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	552	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	1,090	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	ND	650	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	ND	ND	ND	720	ND
SVOCs (µg/kg)							
2-Methylnaphthalene	1.71E+05*	1.71E+05*	ND	ND	ND	937	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	627	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, ND values were assumed zero.

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

* Saturated concentration was used.

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)						
	Residential	Commercial	FT31EX06	FT31EX07	FT31EX08	FT31EX09	FT31EX10
Petroleum Hydrocarbons (µg/Kg)							
C06 - C10			ND	ND	ND	ND	ND
C10 - C22			634,000	ND	ND	ND	ND
C22 - C32			ND	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	634,000	ND	ND	ND	ND
VOCs (µg/kg)							
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	6
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	10
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	ND	ND	ND
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	83
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	ND	ND	16
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	ND	ND	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	ND	ND	ND	ND	ND
SVOCs (µg/kg)							
2-Methylnaphthalene	1.71E+05*	1.71E+05*	409	ND	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, NI

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6

SSL for VOCs are calculated values using the data and equations provided in the M

* Saturated concentration was used.

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)								
	Residential	Commercial	FT31EX11	FT31EX12	FT31EX13	FT31EX14	FT31EX15	FT31EX16	FT31EX17
Petroleum Hydrocarbons (µg/Kg)									
C06 - C10			212,000	ND	ND	ND	ND	ND	ND
C10 - C22			64,000	ND	ND	ND	ND	ND	ND
C22 - C32			103,000	ND	ND	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	167,000	ND	ND	ND	ND	ND	ND
VOCs (µg/kg)									
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	11	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	8	ND	ND	4.2 J	6	ND	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	ND	ND	ND	ND	ND
Benzene	1.12E+04	2.45E+04	94	ND	ND	4.8 J	6	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	8	ND	ND	6	8	ND	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	ND	ND	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	16	ND	ND	ND	6	ND	ND
SVOCs (µg/kg)									
2-Methylnaphthalene	1.71E+05*	1.71E+05*	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	ND	ND	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, NI

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6

SSL for VOCs are calculated values using the data and equations provided in the M

* Saturated concentration was used.

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)								
	Residential	Commercial	FT31EX18	FT31EX19	FT31EX20	FT31EX21	FT31EX22	FT31EX23	FT31EX24
Petroleum Hydrocarbons (µg/Kg)									
C06 - C10			ND	ND	ND	ND	300,000	ND	ND
C10 - C22			42,000	ND	ND	ND	265,000	ND	ND
C22 - C32			ND	ND	ND	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	42,000	ND	ND	ND	265,000	ND	ND
VOCs (µg/kg)									
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	9	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	14	5	ND	ND	ND	7	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	ND	ND	ND	ND	ND
Benzene	1.12E+04	2.45E+04	ND	120	ND	ND	ND	11	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	22	ND	ND	ND	31	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	ND	ND	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	21	21	ND	ND	ND	14	ND
SVOCs (µg/kg)									
2-Methylnaphthalene	1.71E+05*	1.71E+05*	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	ND	ND	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, NI

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6

SSL for VOCs are calculated values using the data and equations provided in the M

* Saturated concentration was used.

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)								
	Residential	Commercial	FT31EX25	FT31EX26	FT31EX27	FT31EX28	FT31EX29	FT31EX30	FT31EX31
Petroleum Hydrocarbons (µg/Kg)									
C06 - C10			ND	ND	ND	ND	ND	ND	ND
C10 - C22			ND	ND	ND	ND	ND	ND	ND
C22 - C32			ND	ND	ND	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	ND	ND	ND	ND	ND	ND	ND
VOCs (µg/kg)									
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	ND	ND	ND	ND	ND
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	ND	ND	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	ND	ND	ND	ND	ND	ND	ND
SVOCs (µg/kg)									
2-Methylnaphthalene	1.71E+05*	1.71E+05*	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	ND	ND	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, NI

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6

SSL for VOCs are calculated values using the data and equations provided in the M

* Saturated concentration was used.

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)								
	Residential	Commercial	FT31EX32	FT31EX33	FT31EX34	FT31EX35	FT31EX36	FT31EX37	FT31EX38
Petroleum Hydrocarbons (µg/Kg)									
C06 - C10			ND	ND	ND	ND	ND	ND	ND
C10 - C22			63,000	ND	180,000	ND	ND	ND	ND
C22 - C32			92,000	ND	80,000	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	155,000	ND	260,000	ND	ND	ND	ND
VOCs (µg/kg)									
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	1,520	ND	ND	ND	ND
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	ND	ND	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	795	ND	ND	ND	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	1,160	ND	ND	ND	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	ND	ND	ND	ND	ND	ND	ND
SVOCs (µg/kg)									
2-Methylnaphthalene	1.71E+05*	1.71E+05*	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	ND	ND	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, NI

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6

SSL for VOCs are calculated values using the data and equations provided in the M

* Saturated concentration was used.

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)								
	Residential	Commercial	FT31EX39	FT31EX40	FT31EX41	FT31EX42	FT31EX44	FT31EX45	FT31EX46
Petroleum Hydrocarbons (µg/Kg)									
C06 - C10			ND	ND	ND	ND	ND	ND	ND
C10 - C22			ND	ND	ND	ND	ND	ND	ND
C22 - C32			ND	ND	ND	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	ND	ND	ND	ND	ND	ND	ND
VOCs (µg/kg)									
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	ND	ND	ND	ND	ND
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	ND	ND	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	ND	ND	ND	ND	ND	ND	ND
SVOCs (µg/kg)									
2-Methylnaphthalene	1.71E+05*	1.71E+05*	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	ND	ND	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, NI

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6

SSL for VOCs are calculated values using the data and equations provided in the M

* Saturated concentration was used.

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)								
	Residential	Commercial	FT31EX47	FT31EX48	FT31EX49	FT31EX50	FT31EX51	FT31EX52	FT31EX53
Petroleum Hydrocarbons (µg/Kg)									
C06 - C10			ND	ND	ND	ND	ND	ND	ND
C10 - C22			ND	ND	222,000	ND	ND	ND	ND
C22 - C32			ND	ND	500,000	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	ND	ND	722,000	ND	ND	ND	ND
VOCs (µg/kg)									
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	ND	ND	32	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	22	ND	ND	ND	ND
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	ND	ND	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND	ND	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	14	ND	ND	ND	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	ND	ND	9	ND	ND	ND	ND
SVOCs (µg/kg)									
2-Methylnaphthalene	1.71E+05*	1.71E+05*	ND	ND	ND	ND	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	ND	ND	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, NI

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6

SSL for VOCs are calculated values using the data and equations provided in the M

* Saturated concentration was used.

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)						
	Residential	Commercial	FT31EX20D	FT31EX30D	FT31EX40D	FT31EX50D	FT31EX53D
Petroleum Hydrocarbons (µg/Kg)							
C06 - C10			ND	ND	ND	ND	ND
C10 - C22			ND	ND	ND	ND	ND
C22 - C32			ND	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	ND	ND	ND	ND	ND
VOCs (µg/kg)							
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	ND	ND	ND	ND
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	ND	ND	ND	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	ND	ND	ND	ND	ND
SVOCs (µg/kg)							
2-Methylnaphthalene	1.71E+05*	1.71E+05*	ND	ND	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	ND

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, NI

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6

SSL for VOCs are calculated values using the data and equations provided in the I

* Saturated concentration was used.

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)		Samples										Samples
	Residential	Industrial	FT31EX02-1	FT31EX03-1	FT31EX04-1	FT31EX12-1	FT31EX15-1	FT31EX16-1	FT31EX17-1	FT31EX19-1	FT31EX19-D	FT31EX21-1	2/5EX06-1
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	42,039
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	73,568
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	76,487
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	6.2	<5	<5	<5	<5	<5	<5	<5	9.0	2,195
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	2.57 J	<5	<5	<5	<5	<5	<5	<5	3.4 J	10,977
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	11	75	<5	<5	<5	<5	<5	<5	<5	<500
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	14	27,909
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	2.1 J	8,396
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	3.5 J	<5	<5	<5	<5	<5	<5	<5	<500
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	3,737
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	1.9	13,546
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	10	11	<5	<5	<5	<5	<5	<5	<5	6,341
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5,056
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	6,773
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<500
Xylenes, total	8.12E+04*	8.12E+04*	<5	19	<5	<5	<5	<5	<5	<5	<5	39	3,643
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	320 J
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis
C_w = concentrations on wet-wt. basis
θ_w = water content (0.26 g/cm^3-soil)
ρ_b = bulk density of soil (1.55 g/cm^3)

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											Samples	
	Residential	Industrial	2/5EX06-7	2/5EX07-1	2/5EX07-7	2/5EX08-1	2/5EX08-7	2/5EX09-1	2/5EX09-7	2/5EX10-1	2/5EX10-7	FT31EX01-1	FT31EX02-4
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3,000	26,858	101,594	11,094	<3,000	50,213	<3,000	<3,000	<3,000	<3.000	10,276,129
C10 - C22			24,523	77,071	1,634,839	93,419	<3,000	70,065	<3,000	10,510	<3,000	<3,000	4,554,194
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<500,000
Total (C10 - C32)	893,333	2,233,333	27,442	79,990	**1,637,758**	96,339	<4,000	72,984	<4,000	13,429	<4,000	<4,000	**4,846,129**
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<500	<500	<500	<5	<500	<5	<5	<5	<5	244
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	1,647	<500	<500	<5	586	<5	<5	<5	<5	192
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<500	<500	<500	<5	<500	<5	<5	<5	<5	<500
Ethylbenzene	8.66E+04*	8.66E+04*	<5	3,375	<500	242 J	<5	199 J	<5	<5	<5	<5	<500
Isopropylbenzene	2.65E+05	3.69E+05*	<5	1,130	<500	128 J	<5	<500	<5	<5	<5	<5	<500
Methacrylonitrile	3.41E+03	1.79E+04	<5	<500	<500	<500	<5	<500	<5	<5	<5	<5	<500
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	1,588	<500	<500	<5	394 J	<5	<5	<5	<5	<500
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	1,787	<500	236	<5	202 J	<5	<5	<5	<5	<500
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	1,059	<500	<500	<5	<500	<5	<5	<5	<5	<500
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	1,067	<500	<500	<5	307 J	<5	<5	<5	<5	863
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	1,390	<500	<500	<5	<500	<5	<5	<5	<5	<500
Toluene	2.19E+05*	2.19E+05*	<5	<500	<500	<500	<5	<500	<5	<5	<5	<5	<500
Xylenes, total	8.12E+04*	8.12E+04*	<5	<500	<500	<500	<5	<500	<5	2.0 J	<5	<5	195 J
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	322	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333

J denotes value between MDL and Detection Limit for F

SSL for C10 - C32 are averaged TPH values of Diesel#

SSL for VOCs are calculated values using the data anc

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)									Samples		
	Residential	Industrial	FT31EX03-4	FT31EX04-2	FT31EX05-1	FT31EX06-1	FT31EX07-1	FT31EX08-1	FT31EX09-1	FT31EX10-2	FT31EX11-1	FT31EX12-4	FT31EX13-1
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	133,123	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000
C10 - C22			94,587	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	97,506	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	19	3.6 J	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	23	5.1 J	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	1.9 J	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	13	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	3.2 J	1.2 J	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	22	11	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	7.8	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data anc
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)		Samples										
	Residential	Industrial	FT31EX14-1	FT31EX15-3	FT31EX16-2	FT31EX17-2	FT31EX18-1	FT31EX19-2	FT31EX20-1	FT31EX21-3	FT31EX22-1	FT31EXBTM	FT31EXQC
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3.000	<3.000	<3.000	<3,000	<3.000	<3.000	<3.000	326,968	<3.000	6,702,839	7,240,000
C10 - C22			<3,000	<3,000	<3,000	5,255	<3,000	<3,000	<3,000	145,968	<3,000	1,144,387	2,382,194
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<50,000	<5,000	<50,000	<500,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	8,174	<4,000	<4,000	<4,000	175,161	<4,000	**1,173,581**	**2,674,129**
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	695	8	NA	NA
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	423 J	2.2 J	NA	NA
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<500	152	NA	NA
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<500	48	NA	NA
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<500	2.3 J	NA	NA
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<500	<5	NA	NA
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<500	<5	NA	NA
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<500	2	NA	NA
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<500	<5	NA	NA
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	243 J	<5	NA	NA
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<500	<5	NA	NA
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<500	2.5 J	NA	NA
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<500	72	NA	NA
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	NA	NA
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	NA	NA

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data anc
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)		Samples										
	Residential	Industrial	FT31EX09-D	FT31EX20-D	FT31EX04-9	FT31EX04-17	FT31EX05-9	FT31EX05-17	FT31EX06-9	FT31EX06-17	FT31EX07-9	FT31EX07-17	FT31EX08-9
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3.000	<3.000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	4,087	<3,000	<3,000	<3,000	12,845	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	45,542	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	49,629	<4,000	<4,000	<4,000	15,765	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	2,114	2,966	1,973	2,371

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data anc
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)		Samples										
	Residential	Industrial	FT31EX08-17	FT31EX09-9	FT31EX09-9D	FT31EX09-17	FT31EX10-9	FT31EX10-17	FT31EX10-17D	FT31EX11-9	FT31EX11-17	FT31EX12-9	FT31EX12-17
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			<3,000	4,204	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	8,758	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	12,962	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	1,775	3,246	354 J	<333	<333	<333	<333	<333	<333	<333	<333

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data anc
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)		Samples										Samples
	Residential	Industrial	FT31EX13-9	FT31EX13-17	FT31EX14-9	FT31EX14-17	FT31EX15-9	FT31EX15-17	FT31EX16-9	FT31EX16-17	FT31EX17-9	FT31EX17-17	FT31EX18-9
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	3,620	<3,000	7,006	<3,000	8,174	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	6,539	<4,000	9,926	<4,000	11,094	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	3.3 J	<5	3.3 J	<5	16	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.6 J	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	1.5 J	<5	<5	<5	8.3	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	4.4 J	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	4.3 J	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	1.2 J	<5	<5	<5	5.7 J	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	2.8 J	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	3.4 J	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	2.5 J	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	4.3 J	<5	2.8 J	<5	20	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	4,332	277 J	<333	<333	1,845	3,632	354 J	<333	<333	<333	<333

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data anc
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	FT31EX18-17	FT31EX19-9	FT31EX19-17	FT31EX20-9	FT31EX20-9D	FT31EX20-17	FT31EX20-17D	FT31EX21-9	FT31EX21-17	FT31EX22-9	FT31EX22-17
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			3,737	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	6,656	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	16	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	6.1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	5.6 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	4.6 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	4.4 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	6.0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	3.4 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	4.3 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	1.3 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	14	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data anc
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	FT31EX01-9	FT31EX01-17	FT31EX02-9	FT31EX02-17	FT31EX03-9	FT31EX03-17	FT31EX23-1	FT31EX24-1	FT31EX25-1	FT31EX26-1	FT31EX27-9
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			<3,000	4,788	<3,000	5,955	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	7,707	<4,000	8,875	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	2,219	2,277	<333	2,067	4,659	<333	369 J	941	<333	<333	<333

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data anc
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-2
South Excavation Confirmation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)			
	Residential	Industrial	FT31EX28-9	FT31EX29-17
Carbon Chain (µg/kg)				
C06 - C10	NA	NA	<3,000	3,737
C10 - C22			<3,000	<3,000
C22 - C32			<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000
VOCs (µg/kg)				
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data anc
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-3
North Excavation Conformation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	T31EX01-01	T31EX02-01	T31EX03-01	T31EX04-01	T31EX05-01	T31EX06-01	T31EX07-01	T31EX08-01	T31EX09-01	T31EX10-01	T31EX10-01N
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	13	29	<5	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	18	50	<5	<5	<5	<5	<5	<5	<5	26	23
Benzene	1.12E+04	2.45E+04	2.5 J	29	1.3 J	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	86	18	74	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	8.8	1.4 J	3.9 J	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	7.5	<5	3.5 J	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	21	<5	13	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	495	<333	3,351	709	<333	<333	<333

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis
C_w = concentrations on wet-wt. basis
θ_w = water content (0.26 g/cm^3-soil)
ρ_b = bulk density of soil (1.55 g/cm^3)

Table 2-3
North Excavation Conformation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	T31EX11-01	T31EX12-01	T31EX20-09	T31EX20-09N	T31EX21-09	T31EX22-09	T31EX23-09	T31EX24-09	T31EX25-09	T31EX26-09	T31EX27-09
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	31,529	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000
C10 - C22			60,723	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	63,642	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	1,822	1,822	5,932	3,398	1,471	<333	<333

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-3
North Excavation Conformation Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	T31EX28-09	T31EX10-01N	T31EX29-09	T31EX29-09N	T31EX113-01	T31EX14-01	T31EX15-01	T31EX16-01	T31EX17-01	T31EX18-01	T31EX19-01
Carbon Chain (µg/kg)													
C06 - C10	NA	NA	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)													
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	1,009	<333	<333	<333	<333	<333	<333

J denotes value between MDL and Detection Limit for F
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-4
Groundwater Sample Results

Chemical	LM-01			LM-02			LM-03		
	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004
VOCs (µg/L)									
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,2-Trichlorotrifluoroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloropropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,4-Trichlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,4-Trimethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,3,5-Trimethylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,3-Dichlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,3-Dichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,4-Dioxane	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57	< 57
1-Chlorohexane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2,2-Dichloropropane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Butanone (MEK)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Hexanone	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
4-Chlorotoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
4-Methyl -2- Pentanone	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Acetonitrile	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acrolein	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
Acrylonitrile	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Allyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Benzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromomethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table 2-4
Groundwater Sample Results

Chemical	LM-01			LM-02			LM-03		
	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004
VOCs (µg/L)									
Carbon Disulfide	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon tetrachloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorobenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroform	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromomethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Ethyl benzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Ethyl methacrylate	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Hexachlorobutadiene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Iodomethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Isopropylbenzene (Cumene)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methacrylonitrile	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35
Methyl methacrylate	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methyl-tert-butylether (MTBE)	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Naphthalene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Pentachloroethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Propionitrile	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tetrachloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Toluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Trichlorofluoromethane	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Vinyl acetate	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Vinyl chloride	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, total	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,4-Dichloro-2-butene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
m and p-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Butylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Propylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
o-Xylene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
p-Isopropyltoluene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
sec-Butylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
tert-Butylbenzene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,4-Dichloro-2-butene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20

Table 2-4
Groundwater Sample Results

Chemical	LM-01			LM-02			LM-03		
	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004
SVOCs (µg/L)									
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,3-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2,4,5-Trichlorophenol	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2,4,6-Trichlorophenol	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2,4-Dichlorophenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dimethylphenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrophenol	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2,4-Dinitrotoluene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2,6-Dinitrotoluene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloronaphthalene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chlorophenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylnaphthalene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
SVOCs (µg/L)									
2-Methylphenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Nitroaniline	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Nitrophenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
3,3-Dichlorobenzidine	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
3-Methylphenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4,6-Dinitro-2-methylphenol	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Bromophenyl-phenylether	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Chloro-3-methylphenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Chloroaniline	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Chlorophenyl-phenylether	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methylphenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Nitroaniline	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Nitrophenol	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Acenaphthene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acenaphthylene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Anthracene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzidine	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Benzo(a)anthracene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzo(a)pyrene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzo(b)fluoranthene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzo(g,h,i)perylene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzo(k)fluoranthene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzoic Acid	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzyl alcohol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Butylbenzylphthalate	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chrysene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Table 2-4
Groundwater Sample Results

Chemical	LM-01			LM-02			LM-03		
	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004
SVOCs (µg/L)									
Di-n-butylphthalate	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Di-n-octylphthalate	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibenz(a,h)anthracene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibenzofuran	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Diethylphthalate	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dimethylphthalate	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Fluoranthene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Fluorene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Hexachlorobenzene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Hexachlorocyclopentadiene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Indeno(1,2,3-c,d)pyrene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Isophorone	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
N-Nitroso-di-n-propylamine	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
N-Nitrosodiphenylamine	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Naphthalene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Nitrobenzene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Pentachlorophenol	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Phenanthrene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Phenol	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Pyrene	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
bis(2-Chloroethoxy)methane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
bis(2-Chloroethyl)ether	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
bis(2-Chloroisopropyl) ether	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
bis(2-Ethylhexyl)phthalate	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
µg/L - microgams per liter
NA - This well was not sampled on this date.

Table 2-4
Groundwater Sample Results

Chemical	LM-04			MW-07			MW-10		
	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004
VOCs (µg/L)									
1,1,1,2-Tetrachloroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,1,1-Trichloroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,1,2,2-Tetrachloroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,1,2-Trichloroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,1,2-Trichlorotrifluoroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,1-Dichloroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,1-Dichloroethene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,1-Dichloropropene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2,3-Trichlorobenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2,3-Trichloropropane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2,4-Trichlorobenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2,4-Trimethylbenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2-Dibromo-3-chloropropane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2-Dibromoethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2-Dichlorobenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2-Dichloroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,2-Dichloropropane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,3,5-Trimethylbenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,3-Dichlorobenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,3-Dichloropropane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,4-Dichlorobenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
1,4-Dioxane	< 57	< 57	< 57	< 57	NA	NA	< 57	NA	NA
1-Chlorohexane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
2,2-Dichloropropane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
2-Butanone (MEK)	< 100	< 100	< 100	< 100	NA	NA	< 100	NA	NA
2-Chloroethyl vinyl ether	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
2-Chlorotoluene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
2-Hexanone	< 20	< 20	< 20	< 20	NA	NA	< 20	NA	NA
4-Chlorotoluene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
4-Methyl -2- Pentanone	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Acetone	< 100	< 100	< 100	< 100	NA	NA	< 100	NA	NA
Acetonitrile	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
Acrolein	< 200	< 200	< 200	< 200	NA	NA	< 200	NA	NA
Acrylonitrile	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Allyl chloride	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Benzene	< 1	< 1	< 1	< 1	NA	NA	< 1	NA	NA
Benzyl chloride	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Bromobenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Bromochloromethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Bromodichloromethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Bromoform	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Bromomethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA

Table 2-4
Groundwater Sample Results

Chemical	LM-04			MW-07			MW-10		
	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004
VOCs (µg/L)									
Carbon Disulfide	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Carbon tetrachloride	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Chlorobenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Chloroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Chloroform	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Chloromethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Dibromochloromethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Dibromomethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Dichlorodifluoromethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Ethyl benzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Ethyl methacrylate	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
Hexachlorobutadiene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Iodomethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Isopropylbenzene (Cumene)	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Methacrylonitrile	< 35	< 35	< 35	< 35	NA	NA	< 35	NA	NA
Methyl methacrylate	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Methyl-tert-butylether (MTBE)	< 1	< 1	< 1	< 1	NA	NA	< 1	NA	NA
Methylene chloride	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Naphthalene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Pentachloroethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Propionitrile	< 100	< 100	< 100	< 100	NA	NA	< 100	NA	NA
Styrene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Tetrachloroethene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Toluene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Trichloroethene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Trichlorofluoromethane	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Vinyl acetate	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
Vinyl chloride	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
Xylenes, total	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
cis-1,2-Dichloroethene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
cis-1,3-Dichloropropene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
cis-1,4-Dichloro-2-butene	< 20	< 20	< 20	< 20	NA	NA	< 20	NA	NA
m and p-Xylene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
n-Butylbenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
n-Propylbenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
o-Xylene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
p-Isopropyltoluene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
sec-Butylbenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
tert-Butylbenzene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
trans-1,2-Dichloroethene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
trans-1,3-Dichloropropene	< 5	< 5	< 5	< 5	NA	NA	< 5	NA	NA
trans-1,4-Dichloro-2-butene	< 20	< 20	< 20	< 20	NA	NA	< 20	NA	NA

Table 2-4
Groundwater Sample Results

Chemical	LM-04			MW-07			MW-10		
	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004
SVOCs (µg/L)									
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
1,3-Dichlorobenzene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
2,4,5-Trichlorophenol	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
2,4,6-Trichlorophenol	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
2,4-Dichlorophenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
2,4-Dimethylphenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
2,4-Dinitrophenol	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
2,4-Dinitrotoluene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
2,6-Dinitrotoluene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
2-Chloronaphthalene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
2-Chlorophenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
2-Methylnaphthalene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
SVOCs (µg/L)									
2-Methylphenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
2-Nitroaniline	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
2-Nitrophenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
3,3-Dichlorobenzidine	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
3-Methylphenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
3-Nitroaniline	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
4,6-Dinitro-2-methylphenol	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
4-Bromophenyl-phenylether	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
4-Chloro-3-methylphenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
4-Chloroaniline	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
4-Chlorophenyl-phenylether	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
4-Methylphenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
4-Nitroaniline	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
4-Nitrophenol	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
Acenaphthene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Acenaphthylene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Anthracene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Benzidine	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
Benzo(a)anthracene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Benzo(a)pyrene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Benzo(b)fluoranthene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Benzo(g,h,i)perylene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Benzo(k)fluoranthene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Benzoic Acid	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Benzyl alcohol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Butylbenzylphthalate	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Chrysene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA

Table 2-4
Groundwater Sample Results

Chemical	LM-04			MW-07			MW-10		
	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004	8/26/2003	11/18/2003	2/20/2004
SVOCs (µg/L)									
Di-n-butylphthalate	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Di-n-octylphthalate	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Dibenz(a,h)anthracene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Dibenzofuran	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Diethylphthalate	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Dimethylphthalate	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Fluoranthene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Fluorene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Hexachlorobenzene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Hexachlorobutadiene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Hexachlorocyclopentadiene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Hexachloroethane	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Indeno(1,2,3-c,d)pyrene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Isophorone	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
N-Nitroso-di-n-propylamine	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
N-Nitrosodiphenylamine	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Naphthalene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Nitrobenzene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Pentachlorophenol	< 50	< 50	< 50	< 50	NA	NA	< 50	NA	NA
Phenanthrene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Phenol	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
Pyrene	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
bis(2-Chloroethoxy)methane	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
bis(2-Chloroethyl)ether	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
bis(2-Chloroisopropyl) ether	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA
bis(2-Ethylhexyl)phthalate	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA

Notes:
µg/L - microgams per liter
NA - This well was not sampled on this date.

Table 2-4(a)
Groundwater Standards

Parameters	GW Standards ug/L	Maximum Detection Limit
1,1,1-Trichloroethane	60	<5
1,1-Dichloroethane	25	<5
1,1-Dichloroethene	5	<5
1,2,4-Trimethylbenzene	**1,825**	<5
1,3,5-Trimethylbenzene	**1,825**	<5
2-Methylnaphthalene	30	<10
4-Methyl-2-pentanone	**2,920**	<10
Acetone	**3,650**	<100
Benzene	10	<1
Diethylphthalate	**29,200**	<10
Ethylbenzene	750	<5
Isopropylbenzene	**3,650**	<5
Methacrylonitrile	**3.65**	<35
Napthalene	30	<10
n-Butylbenzene	**1,460**	<5
n-Propylbenzene	**1,460**	<5
p-Isopropyltoluene	**3,650**	<5
sec-Butylbenzene	**1,460**	<5
Toluene	750	<5
Xylenes	620	<5

Note:
Chemicals in bold did not have groundwater standards. The values shown are calculated.

Table 2-5
Stockpile Sample Results

Chemical	SSL (µg/kg)						
	Residential	Commercial	FT31SP01	FT31SP02	FT31SP03	FT31SS01	FT31SS02
Petroleum Hydrocarbons (µg/Kg)							
C06 - C10			373,000	65,000	ND	327,000	710,000
C10 - C22			543,000	463,000	518,000	2,670,000	3,510,000
C22 - C32			ND	ND	241,000	ND	ND
Total (C10 - C32)	893,333	2,233,333	543,000	463,000	759,000	**2,670,000**	**3,510,000**
VOCs (µg/kg)							
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	ND	1,610	1,870	8,130	11,800
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	ND	1,240	1,140	4,010	5,520
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	151 J	ND	1,250
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	117 J	473	1,240
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	781	604	3,160	4,590
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	133 J	755	1,970
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	ND	962	859	3,290	4,460
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	1,400	2,390
Xylenes, total	8.12E+04*	8.12E+04*	ND	183 J	375 J	1,000	3,150
SVOCs (µg/kg)							
2-Methylnaphthalene	1.71E+05*	1.71E+05*	3,210	463	535	6,900	9,840
Naphthalene	6.12E+04*	6.12E+04*	1,300	1,880	1,760	4,370	4,240

Notes:
ND - analyte not detected, detection limit unknown. For calculation of total TPH, ND values were assumed zero.
µg/kg - microgams per kilogram
J denotes value between MDL and Detection Limit for Reporting (DLR).
SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.
SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

Table 2-5
Stockpile Sample Results

Chemical	SSL (µg/kg)						
	Residential	Commercial	FT31SS03	FT31SS04	FT31SS07	FT31SS08	FT31SS09
Petroleum Hydrocarbons (µg/Kg)							
C06 - C10			290,000	1,250,000	ND	ND	ND
C10 - C22			2,730,000	2,210,000	250,000	918,000	304,000
C22 - C32			ND	ND	ND	86,000	136,000
Total (C10 - C32)	893,333	2,233,333	**2,730,000**	**2,210,000**	250,000	**1,004,000**	440,000
VOCs (µg/kg)							
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	7,520	6,890	ND	373	2,680
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	3,450	3,330	518	586	1,360
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	1,590	577	ND	ND	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	1,200	627	ND	ND	204
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	556
n-Butylbenzene	6.21E+04*	6.21E+04*	2,390	2,330	ND	ND	538
n-Propylbenzene	6.21E+04*	6.21E+04*	2,010	936	ND	ND	208
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	380
p-Isopropyltoluene	6.30E+04*	6.30E+04*	2,350	2,710	ND	ND	924
sec-Butylbenzene	6.05E+04*	6.05E+04*	1,540	1,270	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	3,500	1,880	ND	ND	936
SVOCs (µg/kg)							
2-Methylnaphthalene	1.71E+05*	1.71E+05*	7,110	7,420	1,040	2,260	895
Naphthalene	6.12E+04*	6.12E+04*	3,390	2,900		489	329

Notes:
ND - analyte not detected, detection limit unknown. For calculation of total TPH, ND
µg/kg - microgams per kilogram
J denotes value between MDL and Detection Limit for Reporting (DLR).
SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 f
SSL for VOCs are calculated values using the data and equations provided in the N

Table 2-5
Stockpile Sample Results

Chemical	SSL (µg/kg)							
	Residential	Commercial	FT31SS10	FT31SS11	FT31SS12	FT31SS13	FT31SS14	FT31SS17
Petroleum Hydrocarbons (µg/Kg)								
C06 - C10			97,000	ND	900,000	ND	50,000	ND
C10 - C22			1,026,000	103,000	689,000	ND	46,000	ND
C22 - C32			119,000	ND	300,000	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	**1,145,000**	**103,000**	**989,000**	ND	46,000	ND
VOCs (µg/kg)								
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	10,700	1,600	6,110	250 J	1,120	379 J
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	3,780	812	2,560	ND	380 J	239 J
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	2,890	325 J	1,020	ND	190 J	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	1,110	243 J	572	ND	110 J	ND
m and p-Xylene	1.01E+01*	1.01E+01*	4,680	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	2,070	310 J	1,510	ND	240 J	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	1,640	324 J	932	ND	170 J	ND
o-Xylene	6.53E+04*	6.53E+04*	1,840	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	2,240	577	1,760	ND	260 J	238 J
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	6,520	535	1,820	ND	400 J	ND
SVOCs (µg/kg)								
2-Methylnaphthalene	1.71E+05*	1.71E+05*	2,390	ND	1,000	ND	ND	ND
Naphthalene	6.12E+04*	6.12E+04*	3,310	ND	2,420	ND	ND	ND

Notes:
ND - analyte not detected, detection limit unknown. For calculation of total TPH, ND
µg/kg - microgams per kilogram
J denotes value between MDL and Detection Limit for Reporting (DLR).
SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 f
SSL for VOCs are calculated values using the data and equations provided in the N

Table 2-5
Stockpile Sample Results

Chemical	SSL (µg/kg)							
	Residential	Commercial	FT31SS18	FT31SS19	FT31SS20	FT31SS21	FT31SS22	FT31SS22D
Petroleum Hydrocarbons (µg/Kg)								
C06 - C10			570,000	30,000	416,000	ND	900,000	ND
C10 - C22			830,000	200,000	216,000	ND	689,000	ND
C22 - C32			ND	ND	ND	ND	300,000	ND
Total (C10 - C32)	893,333	2,233,333	830,000	200,000	216,000	ND	**989,000**	ND
VOCs (µg/kg)								
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	1,600	249 J	217 J	ND	6,110	250 J
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	684	220 J	ND	ND	2,560	ND
Benzene	1.12E+04	2.45E+04	ND	ND	ND	ND	ND	ND
Ethylbenzene	8.66E+04*	8.66E+04*	ND	ND	ND	ND	1,020	ND
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	ND	ND	ND	ND	572	ND
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND	ND	ND	ND	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	1,510	ND
n-Propylbenzene	6.21E+04*	6.21E+04*	ND	ND	ND	ND	932	ND
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	637	ND	ND	ND	1,760	ND
sec-Butylbenzene	6.05E+04*	6.05E+04*	ND	ND	ND	ND	ND	ND
Xylenes, total	8.12E+04*	8.12E+04*	ND	ND	ND	ND	1,820	ND
SVOCs (µg/kg)								
2-Methylnaphthalene	1.71E+05*	1.71E+05*	397	ND	ND	ND	1,000	ND
Naphthalene	6.12E+04*	6.12E+04*	ND	ND	ND	ND	2,420	ND

Notes:
ND - analyte not detected, detection limit unknown. For calculation of total TPH, ND
µg/kg - microgams per kilogram
J denotes value between MDL and Detection Limit for Reporting (DLR).
SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 f
SSL for VOCs are calculated values using the data and equations provided in the N

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31-SP01	FT31-SP02	FT31-SP03	FT31-SP04	FT31-SP05	FT31-SP06	FT31-SP07	FT31-SP08	FT31-SP09	FT31-SP10
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	102,761	<3,000	51,381	21,019	5,839	54,884	<120,000	910,839	371,342	263,910
C10 - C22			420,387	353,826	263,910	263,910	521,981	572,194	832,600	794,065	957,548	622,406
C22 - C32			30,361	17,516	<5,000	<5,000	6,539	<5,000	<5,000	15,181	5,955	6,423
Total (C10 - C32)	893,333	2,233,333	450,748	371,342	266,410	266,410	528,520	574,694	835,100	809,245	**963,504**	628,829
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	12	6	91	30	39	119	121	723	378	326
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	68	18	63	29	29	158	105	689	251	239
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	3.9 J	<5	<5	89	74	74
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	13	8	278	42	44
Methacrylonitrile	3.41E+03	1.79E+04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Buthylbenzene	6.21E+04*	6.21E+04*	13	8	278	42	44	25	88	160	126	114
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	4.4 J	3	5.5 J	18	20	438	61	54
Naphthalene[1]	6.12E+04*	6.12E+04*	12	<5	61 (215 J)	25	35	90	89 (371)	37 (388 J)	178 (387 J)	110 (166 J)
p-Isopropyltoluene	6.30E+04*	6.30E+04*	50	16	48	22	27	83	81	130	125	111
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	14	27	41	304	57	47
Toluene	2.19E+05*	2.19E+05*										
Xylenes, total	8.12E+04*	8.12E+04*	20	8	29	10	15	95	13	278	293	328
2-Methylnaphthalene	1.71E+05*	1.71E+05*	769 J	626 J	1133 J	773 J	673 J	1,378	2,966	3,865	3,421	1,845
Diethylphthalate	4.32E+05*	4.32E+05*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Regulatory Level (mg/L)												
Barium TCLP	100		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP	1.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. The detected concentrations were converted to dry-wt. bases using the following relationship.

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentrations on dry-wt. basis

C_w = concentrations on wet-wt. basis

θ_w = water content (0.26 g/cm^3-soil)

ρ_b = bulk density of soil (1.55 g/cm^3)

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	FT31-SP11	TP1-1E	TP1-8E	TP1-1W	TP1-8W	TP2-1N	TP3-1S	TP4-1S	FP31-SP12	FP31-SP13
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	566,355	<3,000	<3,000	9,447,032	<3,000	<3,000	<3,000	<3,000	237,052	565,187
C10 - C22			685,465	<3,000	<3,000	4,402,387	<3,000	<3,000	<3,000	<3,000	537,161	464,761
C22 - C32			<5,000	<3,000	<3,000	35,032	30,361	6,656	7,590	6,773	<50,000	<50,000
Total (C10 - C32)	893,333	2,233,333	687,965	<3,000	<3,000	**4,437,419**	31,861	8,156	9,090	8,273	539,661	467,261
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	272	<5	<5	**123,781**	<5	<5	<5	<5	1,740	3,959
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	343	<5	<5	**43,790**	<5	<5	<5	<5	1,611	1,822
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	8.66E+04*	8.66E+04*	16	<5	<5	**86,763**	<5	<5	<5	<5	<900	353 J
Isopropylbenzene	2.65E+05	3.69E+05*	25	<5	<5	19,618	<5	<5	<5	<5	<900	<550
Methacrylonitrile	3.41E+03	1.79E+04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Buthylbenzene	6.21E+04*	6.21E+04*	142	<5	<5	27,092	<5	<5	<5	<5	<900	1,168
n-Propylbenzene	6.21E+04*	6.21E+04*	40	<5	<5	23,238	<5	<5	<5	<5	<900	263
Naphthalene[1]	6.12E+04*	6.12E+04*	135 (556 J)	<5	<5	36,036 (5,517)	<5	<5	<5	<5	1,390	2,165 (135 J)
p-Isopropyltoluene	6.30E+04*	6.30E+04*	154	<5	<5	23,355	<5	<5	<5	<5	1,179	1,158
sec-Butylbenzene	6.05E+04*	6.05E+04*	46	<5	<5	16,115	<5	<5	<5	<5	<900	<550
Toluene	2.19E+05*	2.19E+05*		<5	<5	14,480	<5	<5	<5	<5		
Xylenes, total	8.12E+04*	8.12E+04*	96	<5	<5	**128,452**	<5	<5	<5	<5	1,019	2,312
2-Methylnaphthalene	1.71E+05*	1.71E+05*	3,527	<999	<999	12,845	<999	<999	<999	<999	1,495	792 J
Diethylphthalate	4.32E+05*	4.32E+05*	NA	<999	<999	1,880	<999	1,020	246J	<999	NA	NA
Regulatory Level (mg/L)												
Barium TCLP	100		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP	1.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	FT31-SP14	FT31-SP15	FT31-SP20	FP31-SP21	FT31-SP22	FT31-SP23	FT31-SP24	FT31-SP25	FT31-SP26	FT31P
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	741,516	<3,000	24,523	17,516	4,321	449,581	5,021	<3,000	<3,000	15,297,419
C10 - C22			1,015,935	7,941	70,065	105,097	54,884	572,194	107,432	3,153	12,845	5,803,677
C22 - C32			<5,000	25,740	<5,000	<5,000	31,000	57,219	43,206	5,372	5,605 J	<2,500,000
Total (C10 - C32)	893,333	2,233,333	**1,018,435**	33,681	72,565	107,597	85,884	629,413	150,639	8,525	18,450	**7,053,677**
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	2,359	<5	11	50	39	3,200	55	<5	9	NA
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	2,172	<5	27	53	21	1,203	26	<5	4.6 J	NA
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	8.66E+04*	8.66E+04*	<475	<5	<5	<5	<5	<25	<5	<5	<5	NA
Isopropylbenzene	2.65E+05	3.69E+05*	<475	<5	<5	<5	<5	91	<5	<5	<5	NA
Methacrylonitrile	3.41E+03	1.79E+04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Buthylbenzene	6.21E+04*	6.21E+04*	2,020	<5	30	56	19	135	20	<5	9	NA
n-Propylbenzene	6.21E+04*	6.21E+04*	684	<5	<5	<5	<5	135	<5	<5	<5	NA
Naphthalene[1]	6.12E+04*	6.12E+04*	1,069 (479 J)	<5	25	41	25	944 (1,249)	47	8	19	NA
p-Isopropyltoluene	6.30E+04*	6.30E+04*	1,798	<5	29	42	18	443	21	<5	<5	NA
sec-Butylbenzene	6.05E+04*	6.05E+04*	1,057	<5	<5	<5	<5	<25	<5	<5	<5	NA
Toluene	2.19E+05*	2.19E+05*			<5	<5	<5	<25	<5	<5	<5	NA
Xylenes, total	8.12E+04*	8.12E+04*	338 J	<5	<5	7	4.4 J	291	4.8 J	<5	<5	NA
2-Methylnaphthalene	1.71E+05*	1.71E+05*	5,080	<999	106 J	<333	92 J	2,070	129 J	<333	<333	NA
Diethylphthalate	4.32E+05*	4.32E+05*	NA	NA	291 J	<333	<333	<333	<333	295 J	2,429	NA
Regulatory Level (mg/L)												
Barium TCLP	100		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.544
Selenium TCLP	1.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31-S-1	FT31-SP16	FP31-SP17	FT31-SP17D	FT31-SP18	FT31-S19	FT31EX02-1	FT31EX03-1	FT31EX04-1	FT31EX12-1
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	799,903	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			1,739,935	18,684	<3,000	<3,000	14,013	8,408	<3,000	<3,000	<3,000	<3,000
C22 - C32			<500,000	103,929	<5,000	<5,000	<5,000	7,590	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	**1,989,935**	122,613	<5,000	<5,000	16,513	15,998	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<500	<5	<5	<5	<5	<5	<5	6.2	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<500	7.1	<5	<5	<5	<5	<5	2.57 J	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	NA	NA	NA	NA	NA	NA	<5	11	75	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<500	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<500	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	NA	NA	NA	NA	NA	NA	<5	<5	3.5 J	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<500	<5	<5	<5	7.2	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<500	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	1,249	<5	<5	<5	<5	<5	<5	10	11	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<500	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<500	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<500	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<500	<5	<5	<5	<5	<5	<5	19	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	972 J	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<999	<333	<333	<333	<333	<333	<333	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX15-1	FT31EX16-1	FT31EX17-1	FT31EX19-1	FT31EX19-D	FT31EX21-1	2/5EX06-1	2/5EX06-7	2/5EX07-1	2/5EX07-7
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	42,039	<3,000	26,858	101,594
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	73,568	24,523	77,071	1,634,839
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	76,487	27,442	79,990	**1,637,758**
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	9.0	2,195	<5	<500	<500
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	3.4 J	10,977	<5	1,647	<500
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<500	<5	<500	<500
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	14	27,909	<5	3,375	<500
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	2.1 J	8,396	<5	1,130	<500
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<500	<5	<500	<500
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	3,737	<5	1,588	<500
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	1.9	13,546	<5	1,787	<500
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	6,341	<5	1,059	<500
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	5,056	<5	1,067	<500
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	6,773	<5	1,390	<500
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<500	<5	<500	<500
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	39	3,643	<5	<500	<500
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	320 J	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#2

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	2/5EX08-1	2/5EX08-7	2/5EX09-1	2/5EX09-7	2/5EX10-1	2/5EX10-7	FT31EX01-1	FT31EX02-4	FT31EX03-4	FT31EX04-2
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	11,094	<3,000	50,213	<3,000	<3,000	<3,000	<3.000	10,276,129	133,123	<3.000
C10 - C22			93,419	<3,000	70,065	<3,000	10,510	<3,000	<3,000	4,554,194	94,587	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<500,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	96,339	<4,000	72,984	<4,000	13,429	<4,000	<4,000	**4,846,129**	97,506	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<500	<5	<500	<5	<5	<5	<5	244	19	3.6 J
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<500	<5	586	<5	<5	<5	<5	192	9	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<500	<5	<500	<5	<5	<5	<5	<500	<5	23
Ethylbenzene	8.66E+04*	8.66E+04*	242 J	<5	199 J	<5	<5	<5	<5	<500	<5	1.9 J
Isopropylbenzene	2.65E+05	3.69E+05*	128 J	<5	<500	<5	<5	<5	<5	<500	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<500	<5	<500	<5	<5	<5	<5	<500	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<500	<5	394 J	<5	<5	<5	<5	<500	13	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	236	<5	202 J	<5	<5	<5	<5	<500	3.2 J	1.2 J
Naphthalene[1]	6.12E+04*	6.12E+04*	<500	<5	<500	<5	<5	<5	<5	<500	22	11
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<500	<5	307 J	<5	<5	<5	<5	863	7.8	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<500	<5	<500	<5	<5	<5	<5	<500	<5	<5
Toluene	2.19E+05*	2.19E+05*	<500	<5	<500	<5	<5	<5	<5	<500	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<500	<5	<500	<5	2.0 J	<5	<5	195 J	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	322	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP	100		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP	1.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX05-1	FT31EX06-1	FT31EX07-1	FT31EX08-1	FT31EX09-1	FT31EX10-2	FT31EX11-1	FT31EX12-4	FT31EX13-1	FT31EX14-1
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	5.1 J	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX15-3	FT31EX16-2	FT31EX17-2	FT31EX18-1	FT31EX19-2	FT31EX20-1	FT31EX21-3	FT31EX22-1	FT31EXBTM	FT31EXQC
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3.000	<3.000	<3,000	<3.000	<3.000	<3.000	326,968	<3.000	6,702,839	7,240,000
C10 - C22			<3,000	<3,000	5,255	<3,000	<3,000	<3,000	145,968	<3,000	1,144,387	2,382,194
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<50,000	<5,000	<50,000	<500,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	8,174	<4,000	<4,000	<4,000	175,161	<4,000	**1,173,581**	**2,674,129**
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	695	8	NA	NA
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	423 J	2.2 J	NA	NA
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<500	152	NA	NA
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<500	48	NA	NA
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<500	2.3 J	NA	NA
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<500	<5	NA	NA
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<500	<5	NA	NA
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<500	2	NA	NA
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<500	<5	NA	NA
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	243 J	<5	NA	NA
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<500	<5	NA	NA
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<500	2.5 J	NA	NA
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<500	72	NA	NA
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	NA	NA
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	NA	NA
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#2

SSL for VOCs are calculated values using the data and

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* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX09-D	FT31EX20-D	FT31-SP26	FT31-SP27	FT31-SP28	FT31-SP29	FT31-SP30	FT31-SP31	FT31-SP32	FT31-SP33
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3.000	<3.000	<3.000	<3,000	<3.000	<3.000	<3.000	<3.000	<3.000	16,348
C10 - C22			<3,000	<3,000	<3,000	3,854	<3,000	<3,000	16,348	21,019	<3,000	93,419
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	6,773	<4,000	<4,000	19,268	23,939	<4,000	96,339
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	15
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	20
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	5,185	2,476	1,168	1,425
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#

SSL for VOCs are calculated values using the data and

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* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31-SP34	FT31-SP35	FT31-SP36	FT31-SP37	FT31-SP38	FT31-SP39	FT31-SP40	FT31-SP41	FT31-SP42	FT31-SP43
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	12,845	7,357	<3,000	49,045
C10 - C22			6,890	<3,000	15,181	5,138	<3,000	9,809	54,884	29,194	77,071	96,923
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	9,809	<4,000	18,100	8,057	<4,000	12,728	57,803	32,113	79,990	99,842
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	96	16
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	<5	<5
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	<5	<5
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	105	22
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	72	15
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	2,803	3,433	991	<333	<333	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	FT31-SP44	FT31-SP45	FT31-SP46	FT31-SP47	FT31-SP48	FT31-SP49	FT31-SP50	FT31-SP51	FT31-SP52	FT31-SP53
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	161,148	55,117	3,503	<3,000	<3,000	3,503	<3,000	<3,000	<3,000
C10 - C22			53,716	284,929	597,884	52,548	5,839	15,181	82,910	<3,000	10,510	36,200
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<50,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	56,635	287,848	600,803	55,468	8,758	18,100	85,829	<4,000	13,429	39,119
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	72	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	40	146	199	2.8 J	13	10.9	29	2.3 J	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	54	130	153	<5	8.9	8.6	34	3.4 J	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	16	<5	<5	<5	1.9 J	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	18	92	96	<5	11	7.9	26	2.6 J	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	79	<5	<5	<5	2.0 J	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	1,448	<333	<333	<333	249 J
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31-SP54	FT31-SP55	FT31-SP56	FT31-SP59.4	FT31-SP59.5	FT31-SP60.1	FT31-SP60.2	FT31-SP60.3	FT31-SP60.4	FT31-SP60.5
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	<30,000	<30,000	<30,000	<30,000	<30,000	<60,000	<30,000	<30,000	<30,000
C10 - C22			29,194	37,368	175,161	37,368	81,742	52,548	59,555 J	39,703	77,071	50,213
C22 - C32			5,400	<50,000	<50,000	<50,000	<50,000	91,084	<100,000	<50,000	<50,000	<50,000
Total (C10 - C32)	893,333	2,233,333	35,499	66,561	204,355	66,561	110,935	143,632	117,942	68,897	106,265	79,406
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	3.7 J	<5	19	54	<5	<5	10
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	5.1 J	<5	25	26	<5	<5	19
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	13	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	18	9.1	28	<5	<5	6.7
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	426	<333	<333	508	<333	<333	<333	378 J	<333
Regulatory Level (mg/L)												
Barium TCLP	100		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP	1.0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31-SP61.1	FT31-SP61.2	FT31-SP61.3	FT31-SP61.4	FT31-SP61.5	FT31EX04-9	FT31EX04-17	FT31EX05-9	FT31EX05-17	FT31EX06-9
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	<30,000	<3,000	<30,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			15,181	106,265	<3,000	93,419	11,677	<3,000	<3,000	<3,000	4,087	<3,000
C22 - C32			10,510	<50,000	<5,000	102,761	23,355	<5,000	<5,000	<5,000	45,542	<5,000
Total (C10 - C32)	893,333	2,233,333	25,690	135,458	<4,000	122,613	35,032	<4,000	<4,000	<4,000	49,629	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	<5	<5	<5	<5	<5	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX06-17	FT31EX07-9	FT31EX07-17	FT31EX08-9	FT31EX08-17	FT31EX09-9	FT31EX09-9D	FT31EX09-17	FT31EX10-9	FT31EX10-17
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			<3,000	<3,000	12,845	<3,000	<3,000	4,204	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	8,758	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	15,765	<4,000	<4,000	12,962	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	2,114	2,966	1,973	2,371	1,775	3,246	354 J	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#2

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX10-17D	FT31EX11-9	FT31EX11-17	FT31EX12-9	FT31EX12-17	FT31EX13-9	FT31EX13-17	FT31EX14-9	FT31EX14-17	FT31EX15-9
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	4,332	277 J	<333	<333	1,845
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX15-17	FT31EX16-9	FT31EX16-17	FT31EX17-9	FT31EX17-17	FT31EX18-9	FT31EX18-17	FT31EX19-9	FT31EX19-17	FT31EX20-9
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			3,620	<3,000	7,006	<3,000	8,174	<3,000	3,737	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	6,539	<4,000	9,926	<4,000	11,094	<4,000	6,656	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	3.3 J	<5	3.3 J	<5	16	<5	16	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	5.6 J	<5	6.1	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	1.5 J	<5	<5	<5	8.3	<5	5.6 J	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	4.4 J	<5	4.6 J	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	4.3 J	<5	4.4 J	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	1.2 J	<5	<5	<5	5.7 J	<5	6.0	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	2.8 J	<5	3.4 J	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	3.4 J	<5	4.3 J	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	2.5 J	<5	1.3 J	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	4.3 J	<5	2.8 J	<5	20	<5	14	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	3,632	354 J	<333	<333	<333	<333	<333	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#2

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	FT31EX20-9D	FT31EX20-17	FT31EX20-17D	FT31EX21-9	FT31EX21-17	FT31EX22-9	FT31EX22-17	FT31EX01-9	FT31EX01-17	FT31EX02-9
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	4,788	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	7,707	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	<333	2,219	2,277	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	FT31EX02-17	FT31EX03-9	FT31EX03-17	FT31EX23-1	FT31EX24-1	FT31EX25-1	FT31EX26-1	FT31EX27-9	FT31EX28-9	FT31EX29-17
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	3,737
C10 - C22			5,955	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	8,875	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2.84E+06	1.35E+07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	2,067	4,659	<333	369 J	941	<333	<333	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX01-01N	FT31EX02-01N	FT31EX03-01N	FT31EX04-01N	FT31EX05-01N	FT31EX06-01N	FT31EX07-01N	FT31EX08-01N	FT31EX09-01N	FT31EX10-01N
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	13	29	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	18	50	<5	<5	<5	<5	<5	<5	<5	26
Benzene	1.12E+04	2.45E+04	2.5 J	29	1.3 J	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	86	18	74	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	8.8	1.4 J	3.9 J	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	7.5	<5	3.5 J	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	21	<5	13	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	495	<333	3,351	709	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)											
	Residential	Industrial	FT31EX10-01ND	FT31EX11-01N	FT31EX12-01N	FT31EX20-09N	FT31EX20-09ND	FT31EX21-09N	FT31EX22-09N	FT31EX23-09N	FT31EX24-09N	FT31EX25-09N
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3.000	31,529	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000
C10 - C22			<3,000	60,723	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	63,642	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	23	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	1,822	1,822	5,932	3,398	1,471
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX26-09N	FT31EX27-09N	FT31EX28-09N	FT31EX10-01ND	FT31EX29-09N	FT31EX29-09ND	FT31EX113-01N	FT31EX14-01N	FT31EX15-01N	FT31EX16-01N
Carbon Chain (µg/kg)												
C06 - C10	NA	NA	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000	<3.000
C10 - C22			<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000
VOCs (µg/kg)												
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	<333	<333	<333	1,009	<333	<333	<333
Regulatory Level (mg/L)												
Barium TCLP		100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP		1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R
SSL for C10 - C32 are averaged TPH values of Diesel#
SSL for VOCs are calculated values using the data and
1: Values in ( ) are results by Method 8270C.
* Saturated concentration was used.
Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration
C_w = concentration
θ_w = water content
ρ_b = bulk density o

Table 2-6
Stockpile Sample Results
(Collected by Bhate)

Chemical	SSL (µg/kg)										
	Residential	Industrial	FT31EX17-01N	FT31EX18-01N	FT31EX19-01N	FT31-SP58.3	FT31-SP58.4	FT31-SP58.5	FT31-SP59.1	FT31-SP59.2	FT31-SP59.3
Carbon Chain (µg/kg)											
C06 - C10	NA	NA	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	<3,000	10,743	<3,000
C10 - C22			<3,000	<3,000	<3,000	3,737	4,671	5,021	45,542	36,200	151,806
C22 - C32			<5,000	<5,000	<5,000	<5,000	<5,000	7,006	<5,000	<5,000	<5,000
Total (C10 - C32)	893,333	2,233,333	<4,000	<4,000	<4,000	6,656	7,590	12,028	48,461	39,119	154,726
VOCs (µg/kg)											
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	<5	<5	<5	<5	<5	<5	<5	4.6 J	1.8 J
4-Methyl-2-Pentanone	1.92E+06	7.00E+06*	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acetone	2.84E+06	1.35E+07	<5	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	1.12E+04	2.45E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	8.66E+04*	8.66E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5
Isopropylbenzene	2.65E+05	3.69E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methacrylonitrile	3.41E+03	1.79E+04	<5	<5	<5	<5	<5	<5	<5	<5	<5
n-Buthylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	4 J	2.9 J
n-Propylbenzene	6.21E+04*	6.21E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene[1]	6.12E+04*	6.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5
p-Isopropyltoluene	6.30E+04*	6.30E+04*	<5	<5	<5	<5	<5	<5	<5	5.1 J	2.5 J
sec-Butylbenzene	6.05E+04*	6.05E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	2.19E+05*	2.19E+05*	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes, total	8.12E+04*	8.12E+04*	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Methylnaphthalene	1.71E+05*	1.71E+05*	<333	<333	<333	<333	<333	<333	<333	<333	<333
Diethylphthalate	4.32E+05*	4.32E+05*	<333	<333	<333	483	<333	<333	<333	1,331	<333
Regulatory Level (mg/L)											
Barium TCLP	100		NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium TCLP	1.0		NA	NA	NA	NA	NA	NA	NA	NA	NA

J denotes value between MDL and Detection Limit for R

SSL for C10 - C32 are averaged TPH values of Diesel#

SSL for VOCs are calculated values using the data and

1: Values in ( ) are results by Method 8270C.

* Saturated concentration was used.

Note: The lab concentrations were on wet-wt.basis. Th

$$C_d = C_w\left(1+\frac{\theta_w}{\rho_b}\right)$$

where,

C_d = concentration

C_w = concentration

θ_w = water content

ρ_b = bulk density o

Table 3-1

Summary of Stockpile Data for FT-31
(Collected by Foster Wheeler)

Sample	# of COCs Detected	# of COCs Exceeded Target Levels	COCs Exceeded Target Levels
FT31SP01	4	0	
FT31SP02	9	0	
FT31SP03	12	0	
FT31SS01	12	1	Total (C10 - C32)
FT31SS02	13	1	Total (C10 - C32)
FT31SS03	13	1	Total (C10 - C32)
FT31SS04	13	1	Total (C10 - C32)
FT31SS07	13	0	
FT31SS08	6	1	Total (C10 - C32)
FT31SS09	13	0	
FT31SS10	15	1	Total (C10 - C32)
FT31SS11	9	1	Total (C10 - C32)
FT31SS12	13	1	Total (C10 - C32)
FT31SS13	1	0	
FT31SS14	10	0	
FT31SS17	3	0	
FT31SS18	5	0	
FT31SS19	4	0	
FT31SS20	3	0	
FT31SS21	0	0	
FT31SS22	0	0	
FT31SS22D	0	0	

Table 3-2

Summary of Stockpile Data for FT-31
(Collected by Bhate)

Sample	# of COCs Detected	# of COCs Exceeded Target Levels	COCs Exceeded Target Levels
FT31-SP01	10	0	
FT31-SP02	8	0	
FT31-SP03	10	0	
FT31-SP04	10	0	
FT31-SP05	13	0	
FT31-SP06	12	0	
FT31-SP07	11	0	
FT31-SP08	14	0	
FT31-SP09	14	1	Total C10-C32
FT31-SP10	14	0	
FT31-SP11	14	0	
TP1-1E	0	0	
TP1-8E	0	0	
TP-1W	16	5	Total C10-C32 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Ethylbenzene 2-Methylnaphthalene
TP1-8W	1	0	
TP2-1N	2	0	
TP3-1S	2	0	
TP4-1S	1	0	
FT31-SP12	8	0	
FT31-SP13	11	0	
FT31-SP14	11	0	
FT31-SP15	2	0	
FT31-SP20	9	0	
FT31-SP21	8	0	
FT31-SP22	10	0	
FT31-SP23	12	0	
FT31-SP24	10	0	
FT31-SP25	4	0	
FT31-SP26	7	0	
FT31P	4	1	Total C10-C32
FT31-S-1	4	1	Total C10-C32
FT31-SP16	3	0	
FT31-SP17	0	0	
FT31-SP17D	0	0	
FT31-SP18	2	0	
FT31-SP19	2	0	
FT31-SP26	0	0	
FT31-SP27	1	0	
FT31-SP28	0	0	
FT31-SP29	0	0	
FT31-SP30	2	0	
FT31-SP31	2	0	
FT31-SP32	1	0	
FT31-SP33	5	0	
FT31-SP34	1	0	
FT31-SP35	0	0	

Table 3-2

Summary of Stockpile Data for FT-31
(Collected by Bhate)

Sample	# of COCs Detected	# of COCs Exceeded Target Levels	COCs Exceeded Target Levels
FT31-SP36	2	0	
FT31-SP37	2	0	
FT31-SP38	0	0	
FT31-SP39	1	0	
FT31-SP40	2	0	
FT31-SP41	2	0	
FT31-SP42	4	0	
FT31-SP43	5	0	
FT31-SP44	4	0	
FT31-SP45	5	0	
FT31-SP46	8	0	
FT31-SP47	3	0	
FT31-SP48	4	0	
FT31-SP49	5	0	
FT31-SP50	7	0	
FT31-SP51	3	0	
FT31-SP52	1	0	
FT31-SP53	2	0	
FT31-SP54	2	0	
FT31-SP55	2	0	
FT31-SP56	1	0	
FT31-SP59.4	3	0	
FT31-SP59.5	3	0	
FT31-SP60.1	5	0	
FT31-SP60.2	4	0	
FT31-SP60.3	1	0	
FT31-SP60.4	2	0	
FT31-SP60.5	4	0	
FT31-SP61.1	2	0	
FT31-SP61.2	1	0	
FT31-SP61.3	0	0	
FT31-SP61.4	2	0	
FT31-SP61.5	2	0	
FT31-SP57.1	2	0	
FT31-SP57.2	1	0	
FT31-SP57.3	2	0	
FT31-SP57.4	0	0	
FT31-SP57.5	1	0	
FT31-SP58.1	0	0	
FT31-SP58.2	0	0	
FT31-SP58.3	2	0	
FT31-SP58.4	1	0	
FT31-SP58.5	2	0	
FT31-SP59.1	1	0	
FT31-SP59.2	6	0	
FT31-SP59.3	4	0	

Table 3-2

**Summary of Stockpile Data for FT-31
(Collected by Bhate)**

Sample	# of COCs Detected	# of COCs Exceeded Target Levels	COCs Exceeded Target Levels

Table 3-3

Summary of Confirmation Data for FT-31
(Collected by Foster Wheeler)

Sample	# of COCs Detected	# of COCs Exceeded Target Levels	COCs Exceeded Target Levels
FT31EX01	13	1	Total (C10 - C32)
FT31EX02	5	0	
FT31EX03	12	1	Total (C10 - C32)
FT31EX03B	13	0	
FT31EX04	13	1	Total (C10 - C32)
FT31EX06	2	0	
FT31EX07	0	0	
FT31EX08	0	0	
FT31EX09	0	0	
FT31EX10	0	0	
FT31EX11	8	0	
FT31EX12	0	0	
FT31EX13	0	0	
FT31EX14	2	0	
FT31EX15	4	0	
FT31EX16	0	0	
FT31EX17	0	0	
FT31EX18	2	0	
FT31EX19	5	0	
FT31EX20	0	0	
FT31EX21	0	0	
FT31EX22	2	0	
FT31EX23	4	0	
FT31EX24	0	0	
FT31EX25	0	0	
FT31EX26	0	0	
FT31EX27	0	0	
FT31EX28	0	0	
FT31EX29	0	0	
FT31EX30	0	0	
FT31EX31	0	0	
FT31EX32	2	0	
FT31EX33	0	0	
FT31EX34	5	0	
FT31EX35	0	0	
FT31EX36	0	0	
FT31EX37	0	0	
FT31EX38	0	0	
FT31EX39	0	0	
FT31EX40	0	0	
FT31EX41	0	0	
FT31EX42	0	0	

Table 3-3

FT31EX44	0	0	
FT31EX45	0	0	
FT31EX46	0	0	
FT31EX47	0	0	
FT31EX48	0	0	
FT31EX49	6	0	
FT31EX50	0	0	
FT31EX51	0	0	
FT31EX52	0	0	
FT31EX53	0	0	
FT31EX20D	0	0	
FT31EX30D	0	0	
FT31EX40D	0	0	
FT31EX50D	0	0	
FT31EX53D	0	0	

Table 3-4

Summary of Confirmation Data for FT-31
(Collected by Bhate)

Sample	# of COCs Detected	# of COCs Exceeded Target Levels	COCs Exceeded Target Levels
FT31EX02-1	0	0	
FT31EX03-1	5	0	
FT31EX041	3	0	
FT31EX12-1	0	0	
FT31EX15-1	0	0	
FT31EX16-1	0	0	
FT31EX17-1	0	0	
FT31EX19-1	0	0	
FT31EX19-D	0	0	
FT31EX21-1	6	0	
FT31EX01-1	0	0	
FT31EX02-4	6	0	
FT31EX03-4	8	0	
FT31EX04-2	5	0	
FT31EX05-1	1	0	
FT31EX06-1	0	0	
FT31EX07-1	0	0	
FT31EX08-1	0	0	
FT31EX09-1	0	0	
FT31EX10-2	0	0	
FT31EX11-1	0	0	
FT31EX12-4	0	0	
FT31EX13-1	0	0	
FT31EX14-1	0	0	
FT31EX15-3	0	0	
FT31EX16-2	0	0	
FT31EX17-2	1	0	
FT31EX18-1	0	0	
FT31EX19-2	0	0	
FT31EX20-1	0	0	
FT31EX21-3	5	0	
FT31EX22-1	8	0	
FT31EX09-D	0	0	
FT31EX20-D	0	0	
FT31EX04-9	0	0	
FT31EX04-17	0	0	
FT31EX05-9	0	0	
FT31EX05-17	2	0	
FT31EX06-9	0	0	
FT31EX06-17	1	0	
FT31EX07-9	1	0	
FT31EX07-17	2	0	
FT31EX08-9	1	0	
FT31EX08-17	1	0	
FT31EX09-9	3	0	
FT31EX09-9D	1	0	

Table 3-4

Summary of Confirmation Data for FT-31
(Collected by Bhate)

Sample	# of COCs Detected	# of COCs Exceeded Target Levels	COCs Exceeded Target Levels
FT31EX09-17	0	0	
FT31EX10-9	0	0	
FT31EX10-17	0	0	
FT31EX10-17D	0	0	
FT31EX11-9	0	0	
FT31EX11-17	0	0	
FT31EX12-9	0	0	
FT31EX12-17	0	0	
FT31EX13-9	1	0	
FT31EX13-17	1	0	
FT31EX14-9	0	0	
FT31EX14-17	0	0	
FT31EX15-9	1	0	
FT31EX15-17	6	0	
FT31EX16-9	1	0	
FT31EX16-17	3	0	
FT31EX17-9	0	0	
FT31EX17-17	11	0	
FT31EX18-9	0	0	
FT31EX18-17	11	0	
FT31EX19-9	0	0	
FT31EX19-17	0	0	
FT31EX20-9	0	0	
FT31EX20-9D	0	0	
FT31EX20-17	0	0	
FT31EX20-17D	0	0	
FT31EX21-9	0	0	
FT31EX21-17	0	0	
FT31EX22-9	0	0	
FT31EX22-17	0	0	
FT31EX01-9	1	0	
FT31EX01-17	2	0	
FT31EX02-9	0	0	
FT31EX02-17	2	0	
FT31EX03-9	1	0	
FT31EX03-17	0	0	
FT31EX23-1	1	0	
FT31EX24-1	1	0	
FT31EX25-1	0	0	
FT31EX26-1	0	0	
FT31EX27-9	0	0	
FT31EX28-9	0	0	
FT31EX29-17	1	0	
FT31EX01-01N	6	0	
FT31EX02-01N	5	0	

Table 3-4

Summary of Confirmation Data for FT-31
(Collected by Bhate)

Sample	# of COCs Detected	# of COCs Exceeded Target Levels	COCs Exceeded Target Levels
FT31EX03-01N	5	0	
FT31EX04-01N	0	0	
FT31EX05-01N	1	0	
FT31EX06-01N	0	0	
FT31EX07-01N	1	0	
FT31EX08-01N	1	0	
FT31EX09-01N	0	0	
FT31EX10-01N	0	0	
FT31EX10-01ND	0	0	
FT31EX11-01N	2	0	
FT31EX12-01N	0	0	
FT31EX13-01N	1	0	
FT31EX14-01N	0	0	
FT31EX15-01N	0	0	
FT31EX16-01N	0	0	
FT31EX17-01N	0	0	
FT31EX18-01N	0	0	
FT31EX19-01N	0	0	
FT31EX20-09N	0	0	
FT31EX20-09ND	0	0	
FT31EX21-09N	1	0	
FT31EX22-09N	1	0	
FT31EX23-09N	1	0	
FT31EX24-09N	1	0	
FT31EX25-09N	1	0	
FT31EX26-09N	0	0	
FT31EX27-09N	0	0	
FT31EX28-09N	0	0	
FT31EX10-01ND	0	0	
FT31EX29-09N	0	0	
FT31EX29-09ND	0	0	

0900

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-001 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (ticket# 19284)	1	dump	79760	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

23.32 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 10 Day 3 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera | Signature | Month 4 Day 3 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 4 Day 3 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 9:00

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-002 93
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19283	1	dump	43.34	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
21.67 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month: 04 Day: 03 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month: 4 Day: 03 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month: 4 Day: 03 Year: 03

ORIGINAL – RETURN TO GENERATOR

Ticket 19281 Gross 84210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-002 | 2. Page 1 of 1 | 9303

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking Truck 210
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19281	1	dump	506.40	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
25.32 tons
Placement in Rhino Cell D
Load Time 9:15 Dump 2:00pm 3 1/2 hrs down time

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 04 Day 03 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 3 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rikers | Signature | Month 4 Day 3 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 12:20 Tkt. 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-003 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19286	1	dump	41850 ~~[illegible]~~	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

20.94 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 04 Day 03 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature: [signature] | Month 04 Day 03 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA | Signature: [signature] | Month 04 Day 03 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1300

Ticket # 3502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-004 93
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19287	1	dump	49.110 ~~50.250~~	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

24.56 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month 04 Day 03 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature
Month 4 Day 3 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera
Signature
Month 4 Day 3 Year 03

ORIGINAL – RETURN TO GENERATOR

1319

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-005	

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19289	1	dump	44.830	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

22.42 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		4	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	03	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	03	03

ORIGINAL – RETURN TO GENERATOR

Time 14:00

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-006
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19290	1	dump	49270	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

24.64 tons

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month: 4 Day: 3 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero
Signature:
Month: 4 Day: 3 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature:
Month: 4 Day: 3 Year: 03

ORIGINAL – RETURN TO GENERATOR

825
Time 8:00

Ticket 19291 gross 80070

Ticket 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. D-001 93
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19291	1	dump	46,570	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.29 tons
Placement in Rhino Cell D
Dump Time 10:00

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 4 Day 4 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 4 Day 4 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 825

505

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Doc. No. R-007	2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19293	1	dump	38.830	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19,42 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	4	4	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	4	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	4	03

ORIGINAL – RETURN TO GENERATOR

Time 825

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-008
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19292	1	dump	41520	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
20.76 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 4 Day 4 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Rivera
Signature:
Month 4 Day 4 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 4 Day 4 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1145

TRK# 212

92

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Doc. No. D-003 93	2. Page 1 of 1	

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D-n-J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19294	1	dump	35420	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
17.71 tons
Placement in Rhino Cell D
Load Time 1150 Dump 1320

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		4	4	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	4	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivero		4	4	03

ORIGINAL – RETURN TO GENERATOR

Time 11:45

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-009
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19295	1	dump	32850	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

16.43 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature:
Month 4 Day 4 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature:
Month 4 Day 4 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera
Signature:
Month 4 Day 4 Year 03

ORIGINAL – RETURN TO GENERATOR

11:45 Trck # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-010	

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19296	1	dump	35.940	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

17.97 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	4	4	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	4	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	4	03

ORIGINAL – RETURN TO GENERATOR

1520

TRICH # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-011 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19298	1	dump	39.630	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19.82 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 10 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature | Month 10 Day 04 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA | Signature | Month 10 Day 04 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1520

Truck 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-004
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19297	1	dump	40.90	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.20 tons
Placement in Rhino Cell D
Dump Time 1650

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	4	4	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	4	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Lenny Rivera	Lenny Rivera	4	4	03

ORIGINAL – RETURN TO GENERATOR

1520 Truck # 3502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-012
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19299	1	dump	41,770	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
20.89 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	04	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivero	Henry Rivero	04	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivero	Henry Rivero	4	4	03

ORIGINAL – RETURN TO GENERATOR

Time 8:00

Ticket 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-005
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19300	1	dump	41,550	NET tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.78 tons
Placement in Rhino Cell D
Load time 0800
Dump T. 940

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA		4	7	03

ORIGINAL – RETURN TO GENERATOR

Time 8:00

5502

Tel 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-013
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19301	1	dump	43 Loads	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
21.80 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	04	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	4	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Esther M. Harrison	Esther M. Harrison	4	07	03

ORIGINAL – RETURN TO GENERATOR

Tim- 8:10

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-014
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19302	1	dump	39920	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19.96 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month: 04 Day: 07 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature: [signature]
Month: 4 Day: 07 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: . Day: . Year: .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA
Signature: [signature]
Month: 4 Day: 07 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 11:27

Tek 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-015 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19304	1	dump	10.39	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

20.20 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 04 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature | Month 04 Day 07 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA | Signature | Month 04 Day 07 Year 03

ORIGINAL – RETURN TO GENERATOR

Time: 11:30

TEK-210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-012 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19306	1	dump	33200	WT ~~tons~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
16.60 tons
Placement in Rhino Cell D
Load 1130 Dump 1340

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K Holmquist	Daniel K Holmquist	04	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	04	07	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	4	7	03

ORIGINAL – RETURN TO GENERATOR

Time 15:20 Trk 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-013 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19303	1	dump	39010	~~tons~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.51 tons
Placement in Rhino Cell D
Load Time 1520
Dump Time 1650

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month 04 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 7 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature: [signature] | Month 4 Day 9 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 15:15

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-016
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19305	1	dump	36.790	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

18.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month 10 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month 04 Day 07 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset, Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Esther M. Hamison
Signature: Esther Hamison
Month 4 Day 7 Year 03

ORIGINAL – RETURN TO GENERATOR

7.15

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-017	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19307	1	dump	43.700	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D

21.85 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	08	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	08	03

ORIGINAL – RETURN TO GENERATOR

Time: 7:30

Trk # 210

Dump Time 930

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-006
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19309	1	dump	17,540 ~~tons~~	~~W~~ T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

23.77 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	04	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	4	8	03

ORIGINAL – RETURN TO GENERATOR

EPA FORM 8700-22 (Rev. 12-98)

Time: 7:?? Tek 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-018
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19308	1	dump	48760	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
24.38 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	8	03

ORIGINAL – RETURN TO GENERATOR

Time 10:45

Trk 210

Dump 1245

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-007	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D-n-J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19313	1	dump	Ticket 19313 35,000	~~tons~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D

17.50 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	04	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Glenn Rivera	Glenn Rivera	4	8	03

ORIGINAL – RETURN TO GENERATOR

Time 11:00

Tek 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-019	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19311	1	dump	37.320	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D

18.66 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	04	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	08	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Esther M. Harrison	Esther M. Harrison	4	08	03

ORIGINAL – RETURN TO GENERATOR

Trip #1105

TCK # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-020
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19312	1	dump	38470	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
19.24 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 08 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero
Signature:
Month 4 Day 8 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature:
Month 4 Day 8 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 14:15

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-021
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19314	1	dump	43.720	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

21.86 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 08 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature:
Month 04 Day 08 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA
Signature:
Month 04 Day 08 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 14:20

TCK 210

Dump Time 1600

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-008
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19315	1	dump	33.40	net tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
16.71 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature:
Month/Day/Year: 04/08/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month/Day/Year: 4/8/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month/Day/Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera
Signature:
Month/Day/Year: 4/8/03

ORIGINAL – RETURN TO GENERATOR

Time: 14:25

Tck # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-022
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 19316	1	dump	43790	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
21.90 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K Holmquist
Month 04 Day 08 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature
Month 4 Day 08 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature
Month 4 Day 8 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:30 Dump T./Q00 TRK # 210

Scale Ticket 19319

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-014
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (ticket no. 19315)	1	dump	46,900	NET tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

23.45 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Dal K. Holm	04	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	8	03

ORIGINAL – RETURN TO GENERATOR

7:30

TRUCK #505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-023
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (Scale Ticket #19318)	1	dump	39.610	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell D

19.81 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month: 04 Day: 09 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA
Signature: [signature]
Month: 04 Day: 09 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA
Signature: [signature]
Month: 04 Day: 9 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time: 8:10 Dump 10:00 TRK # 212

19320

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-015 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (scale ticket # 19320)	1	dump	~~75660~~ EL 44/60	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

22.08 Tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month 04 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Lucero | Signature: [signature] | Month 4 Day 8 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA | Signature: [signature] | Month 4 Day 8 Year 03

ORIGINAL – RETURN TO GENERATOR

Time: 11:10

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-024
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

FT-31
Sabre Road
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (Scale Ticket # 19321)	1	dump	39.200	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19.60 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	04	09	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	09	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	09	03

ORIGINAL – RETURN TO GENERATOR

Time: 11:35 weight Ticket 19323 Unit #10 TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-016
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (scale ticket # 19323)	1	dump	42280	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
21.14 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	D. K. Holmquist	04	09	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero	Danny Lucero	4	9	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Juan Chacon	Juan Chacon	4	9	03

ORIGINAL – RETURN TO GENERATOR

NMED Rev. 12/98

Time: 11:35 TRK 210

Ticket 19324 Dump Time 1315

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-040 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (Scale ticket # 19324)	1	dump	~~44,900~~ ~~44,730~~	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

22.37 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	04	09	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	9	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	4	9	03

ORIGINAL – RETURN TO GENERATOR

Time 13:30

TRK-505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-025 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (scale ticket # 19325)	1	dump	41.200	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
20.60 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month 04 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature: Juan Garcia | Month 04 Day 09 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: JUAN GARCIA | Signature: Juan Garcia | Month 04 Day 09 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 14:30 Weight Ticket #327 Trk 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-030	

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

TRANSPORTER

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

FACILITY

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

FT-31
Sabre Road
Holloman AFB, NM 88330

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (scale ticket 19327)	1	dump	43.58	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

21.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K Holmquist
Month 04 Day 09 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Lucero Danny Lucero
Signature: Danny Lucero
Month 4 Day 9 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month 4 Day 9 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 14:31

Tek 2.10

Scale Ticket 19322 Dump 1615

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. D-029
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name
D-n-J Trucking

6. US EPA ID Number
N/A

A. Transporter's Phone
505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (Scale ticket 19322)	1	dump	net 44,180	~~tons~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

22.10 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month: 04 Day: 09 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month: 4 Day: 9 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month: 4 Day: 9 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 7:00

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-026	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (Scale ticket # 19332)	1	dump	38.030	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D

19.02 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	04	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	11	03

ORIGINAL – RETURN TO GENERATOR

Time 7:00 Weight Ticket 19330 Dump 9:50 TRK-212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-031 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil (Scale Ticket 19330)	1	dump	37.80	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month 04 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Lucero | Signature: [signature] | Month 04 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Terry River | Signature: [signature] | Month 4 Day 11 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:00

TEK # 210

Scale Ticket 19331 Dump 945

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-032 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil - Scale Ticket # 19331	1	dump	38,320	Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19.16 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month: 04 | Day: 11 | Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month: 4 | Day: 11 | Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature: [signature] | Month: 4 | Day: 11 | Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 8:20

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-027 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name [illegible] Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (EPA 1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19333	1	dump	44570	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
22.29 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Darrel K. Holmquist | Signature | Month 04 | Day 07 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jonny Rivera | Signature | Month 4 | Day 11 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jonny Rivera | Signature | Month 4 | Day 11 | Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:25

Weight Ticket 19334 Dump 1.00

TAK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-034
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19334	1	dump	41400	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

20.70 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero		04	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Danny Rivera		4	11	03

ORIGINAL – RETURN TO GENERATOR

Time 11:25 Truck 210

Ticket 19335 Dump 1255

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-033
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket # 19326	1	dump	37670	Tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

20.35 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 4 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Esther M. Harrison
Signature:
Month 4 Day 11 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:30

TK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-028
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket # 19336	1	dump	37030	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
18.52 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	04	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	4	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
E. M. Harrison	E. M. Harrison	4	11	03

ORIGINAL – RETURN TO GENERATOR

Time 11:30

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-041
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

FT-31
Sabre Road
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket # 19337	1	dump	36540	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D

18.27 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K Holmquist
Month 04 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month 04 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: E. M. Harrison
Signature: E M Harrison
Month 4 Day 11 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 14:25

TRK# ~~1605~~ 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-039
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19335	1	dump	~~40700~~ 19.84 tons	~~NET~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 04 Day: 11 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month: 4 Day: 11 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Esther M. Harrison
Signature:
Month: 4 Day: 11 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 15:10

Tkt 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-043
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket # 19338	1	dump	41.390	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
20.70 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 04 Day: 11 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature:
Month: 4 Day: 11 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Esther M. Harrison
Signature:
Month: 04 Day: 11 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 6:45

Tex 4/14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-11	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket # 19341	1	dump	42810	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.41 tons

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jesse Heredia	Jesse Heredia	4	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		4	14	03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK#2

Weight Ticket # 19342

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-036 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket # 19342	1	dump	38060	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 04 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Lucero | Signature | Month 04 Day 14 Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 4 Day 14 Year 03

ORIGINAL – RETURN TO GENERATOR

Time: 7:30

Trk # 210

Ticket 19343

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-035
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket #19343	1	dump	Yard 35650	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19.86 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	14	03

ORIGINAL – RETURN TO GENERATOR

Time 7:45

TR 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-12

2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name JLG Trucking

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number N/A

A. Transporter's Phone FT-31 Sabre Road

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket # 19340	1	dump	43210	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

21.61 tons

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist Signature Month 10 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Henry Rivera Signature Month 10 Day 14 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:00

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-029
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket # 19346	1	dump	38470	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
19.24 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 04 07 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature:
Month Day Year: 04 04 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: John Rivero
Signature:
Month Day Year: 4 4 03

ORIGINAL – RETURN TO GENERATOR

Time 11:45

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-01
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19349	1	dump	39210	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D
19.61 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 14 Year 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jaren Heredia
Signature: Jaren Heredia
Month 4 Day 14 Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jesus Rivera
Signature:
Month 4 Day 14 Year 05

ORIGINAL – RETURN TO GENERATOR

Time 11:45

Tck # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-02 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19350	1	dump	39860	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.93 tons

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 04 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Omar Tovar | Signature | Month 4 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivero | Signature | Month 4 Day 14 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:45

TCR 210

Ticket 19348

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-038	

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D-n-J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19348	1	dump	~~35.70~~ Tons	~~tons~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D

17.69 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	04	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		4	14	03

ORIGINAL – RETURN TO GENERATOR

Time 11:45

weight ticket # 19347

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-037
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19347	1	dump	~~38060~~ 15600	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

22.80 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Dan K H	04	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero	Danny Lucero	04	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera	H Rivera	4	14	03

ORIGINAL – RETURN TO GENERATOR

Time 14:30

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-030
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
~~HWY 54, Otero County, New Mexico~~

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19351	1	dump	40.40	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.07 tons

Placement in Rhino Cell D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K Holmquist
Signature:
Month Day Year: 04 14 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA
Signature:
Month Day Year: 04 14 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Johnny Rivero
Signature:
Month Day Year: 04 14 03

ORIGINAL – RETURN TO GENERATOR

Time: 15:00

TRK 210

Ticket 19357 Dump 163

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-010
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19357	1	dump	39.140	Wt tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

19.57 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K Holmquist
Month Day Year: DH 04 14 03 → 04/07/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month Day Year: 4 11 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gerry Rivero
Signature
Month Day Year: 4 14 03

ORIGINAL – RETURN TO GENERATOR

Time 15:00

weight ticket # 19352

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. D-009

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19352	1	dump	37.50	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

18.58 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 04 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Lucero
Signature: Danny Lucero
Month 04 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera
Signature
Month 4 Day 14 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 15:10

Tek 4/14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-04 | 2. Page 1 of 1

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19354	1	dump	38170	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.09 tons

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month: 04 Day: 14 Year: 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jaime Heredia | Signature: Jaime Heredia | Month: 4 Day: 14 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jesus Rivera | Signature | Month: 4 Day: 14 Year: 03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 15:10

Tek 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
N/A	JLG-03	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19355		1 dump	38600	to
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.30 tons

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar Tarango		4	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Tommy Rivera		4	14	03

ORIGINAL – RETURN TO GENERATOR

Time: 7:00

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-045
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19357	1	dump	40/20	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D
20.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Dal K Hol
Month: 04 Day: 15 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Oman Tarin
Signature:
Month: 04 Day: 15 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: . Day: . Year: .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Rivero
Signature:
Month: 4 Day: 15 Year: 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 700

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-06
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19358	1	dump	40.50	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.38 tons
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	04	15	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jaurem Heredia	Jaurem Heredia	4	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	4	15	03

GENERATOR
TRANSPORTER
FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:40 Ticket 19361 Tek # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-011 | 2. Page 1 of

3. Generator's Name and Mailing Address: 49th CES/CEV, Highway 70, Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31, Sabre Road, Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051), 1.7 miles North of NM/TX state line, HWY 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19361	1	dump	net 35,760	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell D

17.88 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

GENERATOR — Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month 04 Day 15 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jimmy Rivera | Signature | Month 4 Day 15 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:45

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-017
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19362	1	dump	37340	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
18.68 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month Day Year: 04 15 03 (04/07/03)

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: STEVE K. DUNCAN
Signature
Month Day Year: 4 15 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jimmy Rivers
Signature
Month Day Year: 4 15 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:45

Tek # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-031
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19360	1	dump	40.50	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
20.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. 03

Printed/Typed Name: Daniel K. Holmquist
Signature: DH
Month Day Year: 04/07/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero
Signature
Month Day Year: 4/5/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero
Signature
Month Day Year: 4/5/03

Printed by J. J. KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

Time 7:45

T/K 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-032
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

TRANSPORTER

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

FACILITY

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19359	1	dump	37.59	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

18.80 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 15 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature:
Month 04 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivero
Signature:
Month 4 Day 15 Year 03

Printed by: J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:45

Tekt 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-07
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19386		dump	37870	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

18.94 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 04 Day: 15 Year: 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month: 4 Day: 15 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature:
Month: 4 Day: 15 Year: 03

GENERATOR / TRANSPORTER / FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time : 10:45

Tck # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-09	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19370	1	dump	40010	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.01 tons

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Dan K. Holmquist	04	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Javier Heredia	Javier Heredia	4	15	3

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	4	15	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:45

Tck # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-08
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19371	1	dump	41.470	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.74 tons
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 04 Day: 15 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Torres
Signature:
Month: Day: Year:

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature:
Month: 04 Day: 15 Year: 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:00

Trk # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-033 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19372	1	dump	41/60	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

20.58 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K. Holmquist | Month 4 Day 15 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jesus Rivero | Signature | Month 4 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jesus Rivero | Signature | Month 4 Day 15 Year 03

Printed by J. KELLER ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:00

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-034
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Tic. 19382	1	dump	40040	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
20.02 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K Holmquist
Month 04 Day 15 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month 04 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature
Month 4 Day 15 Year 03

Printed by: LJK Enterprises, Inc. — Neenah, WI 54957-0308

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5-Rev. 12/98

Time 11:10

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-018
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale ticket 19375	1	dump	41490	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
20.75 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Dal K. Holmquist
Month 04 Day 15 Year 03
HP 04 07 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: STEVE Kidwell
Signature: Steve Kidwell
Month 4 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature
Month 4 Day 15 Year 03

Printed by: KEN FRICK Solid Waste Specialist
Neenah Wisconsin

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 11:10

TRK # 212

Ticket 19374

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-019
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Ticket # 19374	1	dump	40,130	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D
20.07 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K Holmquist	Dal K. Holmquist	04	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	4	15	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1145

Tek # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-10
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19363	1	dump	40/100	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D
20.05 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Dal K Holmquist
Month: 04 Day: 14 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature: Jerry Nichols
Month: 4 Day: 15 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: ~~JERRY~~ M.
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month: 4 Day: 15 Year: 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI

ORIGINAL – RETURN TO GENERATOR

12 BLS-C5 Rev. 12/98

Time: 14:20

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: JLG 25

2. Page 1 of 1

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale ticket 19379	1	dump	39500	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.75 tons

Placement in Rhino Cell # D

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month: 04 Day: 15 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month: 4 Day: 15 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month: Day: Year:

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Month: 4 Day: 15 Year: 03

Printed by J.J. Keller & Associates, Inc.
Neenah, WI 54956-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 14:21

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-035
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

TRANSPORTER

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

FACILITY

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Ticket # 19380	1	dump	42.07	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

21.04 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	04	07	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	4	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	4	15	03

Printed by: Access Data Associates, Inc.
Nashville, Tennessee (615) 244-2277

ORIGINAL – RETURN TO GENERATOR

12 BLS C5 Rev. 12/98

Time 14:25

TCK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-26	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

	11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	Petroleum Impacted Soil Ticket # 19381	1	dump	41.28	ton
b.					
c.					
d.					

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.64 tons

Placement in Rhino Cell # D

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	15	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Matthew Hendricks		4	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		4	15	03

Time 14:25

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-036	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Ticket # 19373	1	dump	40.480	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D

20.24 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K Holmquist	Daniel K Holmquist	04	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	04	15	03

Printed by Neeman Printing, Inc.

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time: 14:26

Tek #210

19385

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-020
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Ticket # 19385	1	dump	40460	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D

20.23 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	04	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P. O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	4	15	03

Printed by Triune Business Forms, Inc.
Neenah, WI 1-800-558-8663

ORIGINAL – RETURN TO GENERATOR

Time 14:30

Tek # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-021	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D-n-J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Ticket # 19384	1	dump	40350	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D

20.18 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
STEVE KIDWELL		4	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		4	15	03

Formerly [illegible]
Nasco, WI 53538-0901

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 15:00

Trk # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
N/A	JLG-27	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19376	1	dump	41050	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.53 tons

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		4	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	15	03

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Neenah, WI 54956-2028

ORIGINAL – RETURN TO GENERATOR

NCR-1 PLUS-C5 Rev. 12/98

11M 7:00

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-28 | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911 / 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale ticket 19387	1	dump	38970	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # Ø F
GW

19.44 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Halmquist | Signature: Dan K H | Month 04 | Day 16 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Javiel Heredia | Signature: Javiel Heredia | Month 4 | Day 16 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: Jerry Rivero | Month 4 | Day 16 | Year 03

Printed by JJG KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368 FAX 800

ORIGINAL – RETURN TO GENERATOR

Time: 7:15

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-29	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale ticket 19388	1	dump	42150	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.08 tons

Placement in Rhino Cell # D F 6A

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	04	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Torres	Omar A Torres	04	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	4	16	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:35

TEX 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-022	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D-n-J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19389	1	dump	43.10	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.71 tons

Placement in Rhino Cell D F GH

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	04	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
STEVE K. DWELL	Steve Dwell	4	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	4	16	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:40

Tkt # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-037
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale ticket 19390	1	dump	35820	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D EH
17.91 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist JH	04	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		4	16	03

Printed by U.D. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:38

Trk # 210

19391

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-023
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

TRANSPORTER

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

FACILITY

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale ticket 19391	1	dump	40,690	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell DF
EH
20.35 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	04	16	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	7	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jesus Rivero		4	16	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 7:41

Trk # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
N/A	JLG-30	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale ticket 19393	1	dump	37280	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

18.64 tons

Placement in Rhino Cell # DF 9A

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		3	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Rhino		4	16	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:55

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-13	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scaleticket 19401 (19400)	1	dump	42630	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.32 tons

Placement in Rhino Cell # D F 4A

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omun A Tarango		04	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jesse Rivero		4	16	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:15

Tek # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-038
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale ticket 19408 Scale ticket (#?)	1	dump	39240	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell DF EH
19.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 04 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA
Signature: [signature]
Month 04 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name:
Signature: [signature]
Month 4 Day 16 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:55

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-14
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale ticket 19403	1	dump	4/3/00	ton
b. " " (19400)				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.55 tons
Placement in Rhino Cell # DF 6N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Javier Heredia	Javier Heredia	04	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jesus Rivero		4	16	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1:00

TKR 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-024
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19405	1	dump	42466	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
21.23
Placement in Rhino Cell 6F 6H

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Helmquist
Signature: Dal K Helmquist
Month/Day/Year: DH 04-16-03 → 04/07/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: STEVE KIDWELL
Signature: Steve Kidwell
Month/Day/Year: 4/16/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month/Day/Year:

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gene Rivera
Signature:
Month/Day/Year: 4/16/03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1:00

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-025	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D-n-J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale tickets 19404	1	dump	NET 44,200	~~tons~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell DF
EH

~~Estimated~~ tons
22.10

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	~~04~~ DH	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	4	16	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1:05

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-15
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19406	1	dump	46190	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.05 tons
Placement in Rhino Cell # D F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 04 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature: Jerry Nichols
Month 4 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 4 Day 16 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 13:00

Ticket 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-17
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket #	1	dump	41.770	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.89 tons
Placement in Rhino Cell # DF EH

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	16	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Tovar		04	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		4	16	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 3:00 Ticket 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-16	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Soil Ticket 414	1	dump	42930	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.47 tons

Placement in Rhino Cell # DF 6A

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	04	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rachel Heredia	Rachel Heredia	4	16	3

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhino	Jerry Rhino	4	16	03

Printed by: LJ. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 (Rev. 12/98)

Time 15:15

TK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-039
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale ticket 19402	1	dump	38480	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell DF 6N

19.24 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holm	4	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Tony Rivera		4	16	03

Printed by L.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TCK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-026	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D-n-J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19410	1	dump	39926	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.96 tons

Placement in Rhino Cell E EH

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel R. Holmquist	Daniel R Holmquist	04	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steve Kidwell	Steve Kidwell	4	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	4	17	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

7.30

Trk 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-027	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D-n-J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19411	1	dump	NET 43,240	~~tons~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell ~~B~~ E

q.t

21.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		4	17	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:30

Tck # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-18

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19409	1	dump	39800	ton
b. TARE WT			32040	
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # E 41R

19.90 ton

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 04 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS — Signature — Month 4 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero — Signature — Month 4 Day 17 Year 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:45

Ticket 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-20	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19413	1	dump	14850	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # qR E

22.43 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	DKH	04	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Javier Heredia	Javier Heredia	4	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Kenny Rivero		4	17	03

Printed by 3-1-KELLER & ASSOCIATES INC.
Neenah, WI 54957-0966

ORIGINAL – RETURN TO GENERATOR

Time: 7:45

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: ~~JLG-19~~
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (~~505~~) ~~572-3931~~

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-821-0671~~

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19412	1	dump	39520	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~D~~ 4A E

19.76 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 04 Day: 17 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Tavarez
Signature:
Month: 04 Day: 17 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature:
Month: 04 Day: 17 Year: 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 8:00

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-040 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Ticket # 19414	1	dump	36500	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell 9.2 E

18.25 tons

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Halmquist		04	07	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	04	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		04	17	03

GENERATOR / TRANSPORTER / FACILITY

Printed by C.J. KEUSEY & ASSOCIATES, INC. Norman, Oklahoma (405) 364-1212

ORIGINAL – RETURN TO GENERATOR

Time 11:00

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-042
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19415 (#2)	1	dump	37030	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 4th E
18.67 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K Holmquist
Month Day Year: 04 17 03 OR 04/07/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month Day Year: 04 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature: Jerry Rivero
Month Day Year: 4 17 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54956-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:00

Trk 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-028
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: D-n-J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19417	1	dump	41,050	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
q.l
Placement in Rhino Cell E
20.53 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K Holmquist
Month 04 Day 15 Year 03
04/07/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 4 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 4 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:00

Tek 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-041	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19418	1	dump	41280	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # 9th E

20.64 tons

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	17	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steve Kidwell	Steve Kidwell	4	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	17	03

Printed by: JOHN KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:10

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: ~~JLG-23~~
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
FT-31
Sabre Road

4. Generator's Phone ( ) ~~505 572-3931~~ HWY. 70, HAFB, NM 88330

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: ~~N/A~~
A. Transporter's Phone: ~~915-821-0671~~

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19420	1	dump	39170	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
q.l.
19.59. tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month 4 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature:
Month 4 Day 17 Year 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:10 TEL # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
N/A	JLG-21	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19416	1	dump	38570	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.29 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		4	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivers		4	17	03

Printed by J. HELLER & ASSOCIATES, INC.
Neenah, WI 54957-0908

ORIGINAL – RETURN TO GENERATOR

Time 1115

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-22
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931 HWY. 70, HAFB, NM 88330

5. Transporter 1 Company Name: ILG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19419	1	dump	38220	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.11 tons
q.l.
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature
Month 04 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Juan A Tovar
Signature
Month 04 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gerry Rivera
Signature
Month 4 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 14:30

Tek # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-042	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19421	1	dump	40640	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.32 tons

Placement in Rhino Cell # D E cell

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holquist		04	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
STEVE Kidwell		04	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		4	17	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:30

Tek #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-043
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19922	1	dump	NET 44,250	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

20.65 tons

Placement in Rhino Cell # D E GA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 04 17 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month Day Year: 4 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Glenn x Rivera
Signature:
Month Day Year: 4 17 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:35

Tkt # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: JLG-24

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19424	1	dump	34960	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.48 tons

91K

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month: 04 Day: 17 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS — Signature — Month: 4 Day: 17 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month: . Day: . Year: .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero — Signature — Month: 4 Day: 17 Year: 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:35

TK# 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-044
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19423	1	dump	36730	tons
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell ~~B~~ E 9.L
18.37 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 04 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature: [signature]
Month 04 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 4 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:35

Ticket 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-32
2. Page 1 of

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19426	1	dump	42520	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D E
Ext
21.26 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 10 Day 4 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Tovar
Signature: Omar A Tovar
Month 10 Day 4 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature: Jenny Rivera
Month 10 Day 4 Year 03

GENERATOR

TRANSPORTER

FACILITY

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:45

Ticket 4174

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-31	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19425	1	dump	42960	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.48 tons

Placement in Rhino Cell # DE South

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	04	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Javier Heredia	Javier Heredia	4	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	17	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 7:30

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-046
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19394	1	dump	11.26	tons
b. Scale Ticket 19428				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.33 tons
Placement in Rhino Cell D E ~~E~~

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 04 Day: 18 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month: 4 Day: 18 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month: 4 Day: 18 Year: 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 7:30

TCK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-34	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	46420	on
b. Scale Ticket 19430				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

23.21 tons

Placement in Rhino Cell # D/E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jaclyn Hendrix	Jaclyn Hendrix	4	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jonny Rivera		4	18	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 730

Tek 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-045 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19394	1	dump	40480	tons
b. Scale Ticket 19395				
c. Scale Ticket 19442				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell ØE
EA

20.21 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 04 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature | Month 04 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 04 Day 18 Year 03

Time 7:30

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-045
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	41,810	ton
b. Scale Ticket 19431				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.91 tons
Placement in Rhino Cell #DE E4

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	18	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12 BLS CS Rev 1 2/98

Time: 2:30

TR# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-33
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	~~1~~ 1080	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.04 tons
Placement in Rhino Cell # DE 4A

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 10 4 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jimmy A Torres
Signature:
Month Day Year: 10 4 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~5540 Norwood Crt., El Paso, Texas 79924~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month Day Year: 10 8 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK# 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-044 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	43.916	ton
b. Scale Ticket 19432				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.96 tons

Placement in Rhino Cell #DE 9A

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month: 04 | Day: 18 | Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: STEVE Kidwell | Signature: Steve Kidwell | Month: 4 | Day: 18 | Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month: 4 | Day: 18 | Year: 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 9:00

Tank 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-35
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931 HWY. 70, HAFB, NM 88330

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	40.770	ton
b. Scale Ticket 19433				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.39 tons
Placement in Rhino Cell # DE Ed

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 04 18 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month Day Year: 4 18 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month Day Year: 4 18 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:00

Trk 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-047
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	40,650	ton
b. Scale Ticket 19436				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.33 tons
Placement in Rhino Cell #~~D~~ E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		4	18	03

Printed by L.F. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:00

Tek 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-046
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	41370	ton
b. Scale Ticket 19435				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.69 tons
Placement in Rhino Cell # D E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: STEVE K. Duval
Signature:
Month 4 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 4 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:05

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-37
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1.	dump	40406	ton
b. Scale Ticket 19437				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.20 tons
Placement in Rhino Cell # BE E4

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alison Arreola		4	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		4	18	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time : 11:05

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-36
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	40340	ton
b. Scale Ticket 19394				
c. Scale Ticket 19438				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.17 tons
Placement in Rhino Cell # DE E4

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 04/18/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar Tolentino
Signature:
Month Day Year: 04/18/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month Day Year: 4/18/03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:10

TRK# 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-047
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19394	1	dump	38590	tons
b. Scale Ticket 19434				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell D E
EA
19.30 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holquist		04	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA		04	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		4	18	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-048	

GENERATOR

3. Generator's Name and Mailing Address

49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19395	1	dump	40640	tons
b. Scale Ticket 19439				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated	

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell D E 20.32 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 12:20.

TRK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-38
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	43330	ton
b. Scale Ticket 19446				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.67 tons

Placement in Rhino Cell # D E EA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS
Signature:
Month 4 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers
Signature:
Month 4 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 14:25

Tkt # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-049 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49th CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road
Holloman AFB, NM 88330

TRANSPORTER

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

FACILITY

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19395	1	dump	21.48	tons
b. Scale Ticket 19441				
c. Scale Ticket 19394				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Gasoline, Diesel, and Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell DE EA

21.48 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 04 Day 18 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivera | Signature | Month 4 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 4 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:30

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-050
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	35230	ton
b. Scale Ticket 19427				
c. Scale Ticket 19394				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
17.62 tons
Placement in Rhino Cell # DE 20A

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month 10 Day 4 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA
Signature: Juan Garcia
Month 04 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero
Signature: Jerry Rivero
Month 11 Day 3 Year 03

Printed by: CONNELLER & ASSOCIATES, INC.
Neenah, WI 54956-0906

ORIGINAL – RETURN TO GENERATOR

Time 14:33 TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-39
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	44110	ton
b. Scale Ticket 19444				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.06 tons
Placement in Rhino Cell # DE EA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jaime Heredia
Signature: Jaime Heredia
Month 4 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jeremy Rivera
Signature:
Month 4 Day 18 Year 03

Printed by: J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:35

TEK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-049
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	45600	lon
b. Scale Ticket 19443				
c. Scale Ticket 19394				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.80 tons
Placement in Rhino Cell # ~~B~~ E 4A

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Steve Kidwell
Signature:
Month 4 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 4 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:40 Ticket 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-40
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	49160	ton
b. Scale Ticket 19394				
c. Scale Ticket 19445				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.58 tons
Placement in Rhino Cell # DE Ext

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 10 Day 4 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Tovares
Signature:
Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month 04 Day 04 Year 03

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 4 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 15:30

TEK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-41
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	44/110	cy
b. Scale Ticket 19440				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22,06 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 4 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Ceman Rivera
Signature:
Month 4 Day 18 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:15

Tek 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-050	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19449	1	dump	40430	ton
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

20.22 tons

Placement in Rhino Cell # D E E4

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	10	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steve Kidwell	S. Kidwell	10	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	10	21	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Tk 720 TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-065 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	NET 33970	cy
b. Scale Ticket 19450				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.99 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 10 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 21 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera | Signature | Month 4 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:55

TEK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-42	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	10390	cy
b. Scale Ticket 19456				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

20.21 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	04	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
~~David Scruggs~~ CPS JERRY NICHOLS	Jerry Nichols	4	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, ~~Texas~~ 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	4	21	03

ORIGINAL – RETURN TO GENERATOR

Time: 7:55

Tek 4114

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-43	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	5088.0	cy
b. Scale Ticket 19451				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

25.44 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		6	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Hendrix	James Hendrix	6	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jonny Rivera		6	24	03

ORIGINAL – RETURN TO GENERATOR

Time 4-21-03 755

Tex 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-44 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	13050	cy
b. Scale Ticket 19459				
c. Scale Ticket 19394				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

21.53 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 04 Day 21 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Hector Madrid | Signature: Hector Madrid | Month 4 Day 21 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 4 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 8:00

Trk # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-45
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	45330	cy
b. Scale Ticket 19395				
c. Scale Ticket 19452				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.67 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ismael Tarango
Signature:
Month 04 Day 21 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 4 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

Tue 8:05 TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. R-065
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	44400	cy
b. Scale Ticket 19454				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E
22.20 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 04 Day 21 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero
Signature: Jerry R
Month 4 Day 21 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature: Jerry R
Month 4 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

Time: 11:15

TRK# 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-46
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330
FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	44.740	cy
b. Scale Ticket 19455				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # E

22.37 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		10	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Javier Heredia	Javier Heredia	10	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		10	21	03

ORIGINAL – RETURN TO GENERATOR

11:15 TCK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-47 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DF-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	5043	cy
b. Scale Ticket 19395				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

25.22 Rhino

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		04	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Genaro Rivera		04	21	03

ORIGINAL – RETURN TO GENERATOR

Tom 35

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-064	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	NET 46,330	cy
b. Scale Ticket 19457				
c. Scale Ticket 19394				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.17 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	04	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	04	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	21	03

ORIGINAL – RETURN TO GENERATOR

Time 11:35

Ref# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-48 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	14850	cy
b. Scale Ticket 19395				
c. Scale Ticket 19458				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.43 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Deborah J Hartell | Signature: Deborah J. Hartell | Month 10 | Day 21 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Omar A Tonuz | Signature: Omar A Tonuz | Month 10 | Day 21 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jesus Rivera | Signature | Month 10 | Day 21 | Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:40

TeK # 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-49 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	4/6/30	cy
b. Scale Ticket 19453				
c. Scale Ticket 19394				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

23.07 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 04 Day 21 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Hector M. | Signature: Hector M. | Month 4 Day 21 Year 03

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature | Month 4 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

TRK 13.20

Tkt# 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-063 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	46.30	cy
b. Scale Ticket 19460				
c. Scale Ticket 19394				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.32 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 04 Day 21 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Steve Kidwell | Signature: Steve Kidwell | Month 04 Day 21 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera | Signature | Month 4 Day 21 Year 03

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL – RETURN TO GENERATOR

Time: 14:40

Tkt 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-062
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	PCT 40,38	cy
b. Scale Ticket 19447				
c. ~~19395~~				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

20.19 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month: 10 Day: 12 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month: 10 Day: 21 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jesus Rivera
Signature
Month: 4 Day: 21 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 15:05

TRK. 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-58 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	4840	cy
b. Scale Ticket 19462				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

24.23 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 10 | Day 21 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M. | Signature: HECTOR M. | Month 4 | Day 21 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Genaro Rivera | Signature | Month 4 | Day 21 | Year 03

ORIGINAL – RETURN TO GENERATOR

Time 15:05

TRK# 55021

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-066 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	42800	cy
b. Scale Ticket 19463				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.40 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 10 Day 21 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera | Signature | Month 10 Day 21 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, ~~TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera | Signature | Month 10 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 15:05

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-59
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	433.30	cy
b. Scale Ticket 19461				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.67 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 04 Day 21 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Gomez
Signature: Omar A Gomez
Month 04 Day 21 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature
Month 04 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:15

TEK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-051
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	48850	ton
b. Scale Ticket 19395				
c. Scale Ticket 19466				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.43 tons
Placement in Rhino Cell # DE EA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature:
Month 4 Day 22 Year 3

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera
Signature:
Month 4 Day 22 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:15

Ticket 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. JLG-57
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	5086.0	cy
b. Scale Ticket 19394				
c. Scale Ticket 19448				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

25.43 tons

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 10 Day 22 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar Tavarez
Signature: Omar Tavarez
Month 10 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature
Month 10 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:20

Tape 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. JLG-56
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	37000	cy
b. Scale Ticket 19465				
c. Scale Ticket 19394				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E
18.50 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 04 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M.
Signature: Hector M.
Month 4 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gene Rivera
Signature
Month 4 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:35

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-060
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	30580	cy
b. Scale Ticket 19395				
c. Scale Ticket 19467				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

19.29 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 04 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Steve Kidwell
Signature: St Kidwell
Month 04 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature
Month 4 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-059 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	39430	NET
b. Scale Ticket 19397				
c. Scale Ticket 19468				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

19.72 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 04 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jesse L Rivera | Signature | Month 4 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:45 Tek 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-54
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	3568.0	cy
b. Scale Ticket 19469				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
17.84 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 04 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Javier Heredia
Signature: Javier Heredia
Month 4 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jesus Rivera
Signature
Month 4 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:45

Trk # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-55
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19394	1	dump	35160	cy
b. Scale Ticket 19470				
c. Scale Ticket 19395				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
17.58 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 10 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature
Month 10 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers
Signature
Month 10 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:10

TRK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-52 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19395	1	dump	16870	cy
b. Scale Ticket 19397				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

23.44 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 04 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS | Signature: Jerry Nichols | Month 4 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 4 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:15

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-061
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	45,240	cy
b. Scale Ticket 19398				
c. Scale Ticket 19473				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

22.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 10 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 11 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature
Month 11 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time - 11:20

TR 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-052	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	38620	ton
b. Scale Ticket 19477				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.31 tons

Placement in Rhino Cell # D/E E4

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	22	03

PROVIDED BY: CARTER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

11:20

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-53
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	16380	cy
b. Scale Ticket 19474				
c. Scale Ticket 19398				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.19 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month Day Year: 04 22 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Javier Heredia
Signature: Javier Heredia
Month Day Year: 4 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month Day Year: 4 22 03

ORIGINAL – RETURN TO GENERATOR

Time 11:20

TRK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-038 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Dhi Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	37.920	cy
b. Scale Ticket 19472				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

18.96 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 04 | Day 22 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: STEVE KIDWELL | Signature: S t K l | Month 04 | Day 22 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Riven | Signature | Month 4 | Day 22 | Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:21

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. JLG-50
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	36190	cy
b. Scale Ticket 19476				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E
18.10 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month Day Year: 04 22 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Gomez
Signature: Omar A Gomez
Month Day Year: 04 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature
Month Day Year: 4 22 03

ORIGINAL – RETURN TO GENERATOR

Time 11:25

TR# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-51
2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	44.90	cy
b. Scale Ticket 19475				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.25 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 04 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M.
Signature: HECTOR M
Month 4 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Cesar Rivero
Signature
Month 4 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 12:30

Trk # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc No.: JLG-60
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	10170	cy
b. Scale Ticket 19478				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E
20.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 10 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 4 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 4 Day 22 Year 03

ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

12 BLS CY

Tim 12:30

TCK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-61
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	19420	cy
b. Scale Ticket 19479				
c. Scale Ticket 19398				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.71 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature
Month 04 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month 4 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature
Month 4 Day 22 Year 03

PRINTED BY: ALLIED ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

Time 14:40

TRK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-051	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	18410	cy
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # E

24.21 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		4	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steven Kidwell Henry Rivera		4	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	22	03

ORIGINAL – RETURN TO GENERATOR

Trip 14.45

TRK # 505 ~~240~~

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-053	

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	42390	ton
b. Scale Ticket 19398				
c. Scale Ticket 19480				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.20 tons

Placement in Rhino Cell # DE EA

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	10	22	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	10	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	10	22	03

GENERATOR

TRANSPORTER

FACILITY

ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

12-BLS-0511

Time 14:50

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-052 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	15.98	cy
b. Scale Ticket 19482				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

23.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 09 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 9 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Owen | Signature | Month 9 Day 22 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 14:55 ~~14:45~~

TRK# ~~595~~ ~~493~~ 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-054	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ 9.R Gomez Trucking	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	43.850	ton
b. Scale Ticket 19398				
c. Scale Ticket 19483				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

21.93 tons

Placement in Rhino Cell # D/E EAN

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space change of company

Line 5 Address: ~~200 Sunset Dr, Suite 11, El Paso TX 79922~~ 9.R 5540 Norwood Crt. El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	22	03

Time 7:20

Tick # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-055
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez LLC ~~Rhino Environmental~~
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket # 19398	1	dump	46760	ton
b. Scale Ticket 19484				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 9 E 9th

23.38 tons

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month: 04 Day: 23 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Javier Heredia
Signature: Javier Heredia
Month: 4 Day: 23 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space: change of company QA
Line 5 Address: ~~[redacted]~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month: 4 Day: 23 Year: 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:25

Tkt # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-053	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	46,100	cy
b. Scale Ticket 19485				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

23.05 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	DKH	04	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		4	23	03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
N/A	R-056	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D.S. Gomez [redacted]ental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	50870	ton
b. Scale Ticket 19486				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

25.44 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	04	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	4	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space change of company

~~Line 5 Address: [redacted] El Paso, TX 79927~~

G.A.
5540 Norwood Ct, El Paso Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera	Henry Rivera	4	23	03

Printed by: LDC KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 9:45 TRK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-057
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez D.H. ~~Rhino Environmental~~
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	44250	cy
b. Scale Ticket 19487				
c. Scale Tickit 19398				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.13 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 04 Day: 23 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month: 4 Day: 23 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
9.2
5540 Norwood Ct, El Paso, Texas 79924
Line 5 Address: ~~[illegible]~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month: 4 Day: 23 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 10:45

TKR 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-057	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	449 5/0	cy
b. Scale Ticket 19488				
c. Scale Ticket 19398				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.42 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	04	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	23	03

ORIGINAL – RETURN TO GENERATOR

Time 11:00

TRK# 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-67	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	49.650	net
b. Scale Ticket 19489				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

24.83 tons

Placement in Rhino Cell # E

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	23	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Javier Heredia	Javier Heredia	4	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	23	03

ORIGINAL – RETURN TO GENERATOR

Time 11:00

TRK # 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-68
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	54340	net
b. Scale Ticket 19490				
c. Scale Ticket 19398				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

27.17 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 23 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month 4 Day 23 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 4 Day 23 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 13:00

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-69	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	43980	net
b. Scale Ticket 19397				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.99 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Nichols		4	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	23	03

ORIGINAL – RETURN TO GENERATOR

Time 13:00

TRK #08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-69	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump	44250	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		4	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

Time 14:10

TEXT 2:10

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-056 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	46,500	cy
b. Scale Ticket 19492				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

23.28 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Deborah J Hartell | Signature: Deborah J Hartell | Month 04 Day 23 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 23 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 4 Day 23 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 15:15

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-62

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	12360	cy
b. Scale Ticket 19495				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # E

21.18 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 04 Day 23 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Omar A Tovar — Signature — Month 04 Day 23 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month — Day — Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero — Signature — Month 4 Day 28 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:30

Tek 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-71	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	42340	net
b. Scale Ticket 19494				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.17 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		10	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	4	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Kenny Rivers		4	23	03

ORIGINAL – RETURN TO GENERATOR

Time 14:30

Ticket 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-70	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	40970	net
b. Scale Ticket 19493				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

20.49 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		4	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		4	23	03

ORIGINAL – RETURN TO GENERATOR

Time 7:15

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-071 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	41,320	net
b. Scale Ticket 19497				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.66 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs | Signature | Month 04 Day 24 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 24 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month 4 Day 24 Year 03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 7:15

Tck # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-63	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19397	1	dump	3140	cy
b. Scale Ticket 19499				
c. Scale Ticket 19398				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.07 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	24	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar Torres		04	24	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		4	24	03

Printed by L.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:15

Tck # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-076
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	37810	net
b. Scale Ticket 19502				
c. Scale Ticket				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

18.91 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 24 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivera
Signature:
Month 4 Day 24 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera
Signature:
Month 4 Day 24 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-65
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19501	1	dump	34510	cy
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # E

17.26 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 04 24 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS
Signature:
Month Day Year: 4 24 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero
Signature:
Month Day Year: 4 24 03

Printed by: J.R. KELLER & ASSOCIATES, INC.
Midland, Texas 79705

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 7:30

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-64
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330
FT-31 Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19500	1	dump	50710	cy
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # E

25.36 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist — Signature — Month 04 Day 24 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jaime Heredia — Signature: Jaime Heredia — Month 4 Day 24 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivero — Signature — Month 4 Day 24 Year 03

Printed by KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

Time 7:35

Tek 7-57

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-72 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Ticket 19398	1	dump	39790	net
b. Scale Ticket 19496				
c. Scale Ticket 19397				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.90 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	24	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Hector M	Hector M	4	24	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	24	03

GENERATOR / TRANSPORTER / FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 11:30

Tek-210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-054
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19503	1	dump	37,560	cy
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.78 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	04	24	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	24	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		4	24	03

ORIGINAL – RETURN TO GENERATOR

Time 11:50

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-66	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19510	1	dump	38.220	cy
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.11 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	24	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Tovar	Omar A Tovar	04	24	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		4	24	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:50

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-74	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1.	dump	38180	net
b. Scale Ticket 19505				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.09 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	24	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Javier Hernandez	Jacinto Hernandez	4	24	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gerry Rivers		4	24	03

ORIGINAL – RETURN TO GENERATOR

Time 11:52

Tkt # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-75	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	36200	net
b. Scale Ticket 19506				
c. Scale Ticket 19397				
d. XX				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

18.10 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	24	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		4	24	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gerry Rivers		4	24	03

ORIGINAL – RETURN TO GENERATOR

Time 14:45

TR # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-095
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19507	1	dump	41.930	net
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.97 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 24 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 4 Day 24 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenni Rivera
Signature:
Month 4 Day 24 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 15:00

Tkt # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-76	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19508	1	dump	41490	net
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.75 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	24	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		4	24	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		4	24	03

ORIGINAL – RETURN TO GENERATOR

Time 1515

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-77	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19509	1	dump	41020	net
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.51 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		4	24	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Javier Heredia	Javier Heredia	4	24	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Oscar Rivera		4	24	03

ORIGINAL – RETURN TO GENERATOR

TIME 1515

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-78 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19504	1	dump	39670	Net
b. Scale Ticket 19398				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.84 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 10 Day 24 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Omar Tovar | Signature | Month 10 Day 24 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 10 Day 24 Year 03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 7:20

Trk # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-055
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19512	1	dump	42.330	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.17 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month Day Year: 10 | 25 | 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month Day Year: 4 | 25 | 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature
Month Day Year: 4 | 25 | 03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRC 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-79	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	43320	net
b. Scale Ticket 19513				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

21.66 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	25	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M	4	25	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenni Rivera		4	25	03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

Tkt # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-80	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	41990	net
b. Scale Ticket 19514				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.00 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	25	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Torres	Omar A Torres	04	25	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	25	03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-81	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	29330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
14.67 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	25	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		4	25	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	25	03

ORIGINAL – RETURN TO GENERATOR

Time 8:15

TK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-82	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	34090	net
b. Scale Ticket 19516				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.05 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		10	25	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		10	25	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		10	25	03

ORIGINAL – RETURN TO GENERATOR

Time 11:10 Trk # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-83
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19519	1	dump	31550	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

15.78 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	25	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Janisa Howell	Janisa Howell	4	25	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	25	03

ORIGINAL – RETURN TO GENERATOR

Time 11:10

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-066
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19398	1	dump	42630	cy
b. Scale Ticket 19512				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.32 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 04 Day 25 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 4 Day 25 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivero
Signature
Month 4 Day 25 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:20

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-84
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19517	1	dump	35140	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
17.57 tons
Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 10 25 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TERRY NICHOLS
Signature:
Month Day Year: 4 25 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivero
Signature:
Month Day Year: 4 25 03

ORIGINAL – RETURN TO GENERATOR

Time 11:35

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-86	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19520	1	dump	48190	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24.10 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	25	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omen Tavares		04	25	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Kenny Rubio		4	25	03

ORIGINAL – RETURN TO GENERATOR

Time 11:40

Tek 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-87 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19521	1	dump	43.780	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

21.89 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month Day Year: 04 25 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: HECTOR M. | Signature: HECTOR M. | Month Day Year: 4 25 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year: 4 25 03

ORIGINAL – RETURN TO GENERATOR

Time 7:20

TK# 757210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-067 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnD Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19525	1	dump	45870	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 2 9.1 B
22.94 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K. Holmquist | Month 04 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Dennis Rivera | Signature | Month 4 Day 28 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:25

Ticket 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-85	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19523	1	dump	46860	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.43 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Hector M.	Hector M.	04	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	28	03

ORIGINAL – RETURN TO GENERATOR

Time 7:25

Tex # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-88	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19524	1	dump	44800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

22.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scv-sss		04	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Henderson	James Henderson	4	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	28	03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

Trk# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-89
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19526	1	dump	43570	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # E

21.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TERRY NICHOLS		4	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Glenn Rivera		4	28	03

ORIGINAL – RETURN TO GENERATOR

Time 745

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-064
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19527	1	dump	38.68	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
gir
Placement in Rhino Cell # B
19.34 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 04 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature
Month 4 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature
Month 4 Day 28 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 10:55

Tck # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-91	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19530	1	dump	46780	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

23.39 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jessica Henderson	Jessica Henderson	4	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		4	28	03

ORIGINAL – RETURN TO GENERATOR

Tape 11:00

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-90 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19533	1	dump	43620	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.81 tons
Placement in Rhino Cell # 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 10 Day 28 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: HECTOR M. | Signature: HECTOR M. | Month 04 Day 28 Year 03

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 4 Day 28 Year 03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 11:00 TR# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-068
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19531	1	dump	47,200	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 9N B
23.60 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 04 28 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month Day Year: 4 28 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month Day Year: 4 28 03

ORIGINAL – RETURN TO GENERATOR

Time 11:10

Trk # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-063	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ J & J Trucking	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19532	1	dump	4/900	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 9 g.f B

20.95 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	04	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS	Jerry Nichols	4	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct, El Paso 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	4	28	03

ORIGINAL – RETURN TO GENERATOR

Time 14:05

Ticket # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-069
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19535	1	dump	45,520	cy
b. Scale Ticket				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 9 1/2 B
22.76 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 04 Day 28 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 4 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 4 Day 28 Year 03

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 14:15

TR# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-062
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: ~~Rhino Environmental~~ SLB TRUCKING DH
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19536	1	dump	40980	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.49 tons
Placement in Rhino Cell # ~~D~~ B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month 04 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature
Month 4 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
5540 Norwood Ct, El Paso TX 79924
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ DH.

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature
Month 4 Day 28 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 14:45

TCK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-058
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: ~~Rhino Environmental~~ JLG Trucking LA.
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
~~Otero County, New Mexico~~
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19537	1	dump	41980	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 9, R B
20.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K Holmquist
Signature:
Month 04 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jaime Heredia
Signature:
Month 4 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~300 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Crt, El Paso, Tex 79924 D.H.

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 4 Day 28 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 730

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-061
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19541	1	dump	39090	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

19.55 tons

Placement in Rhino Cell # 9, R B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Helmquist
Signature:
Month 04 Day 29 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jeremy Rivera
Signature:
Month 04 Day 29 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jeremy Rivera
Signature:
Month 4 Day 29 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 730 TEP 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-059
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-06-71

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19540	1	dump	41850	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.93 tons
Placement in Rhino Cell # 1B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	29	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR MADRID	HECTOR MADRID	04	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
DA.
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct, El Paso TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Genaro Rivero		4	29	03

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-060
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) ~~572-3931~~

5. Transporter 1 Company Name: ~~Rhino Environmental~~ Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

FT-31
Sabre Road

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19539	1	dump	39850	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #9 B
19.93 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Dal K H	04	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jaime Heredia	Jaime Heredia	4	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct, El Paso TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera	Jeremy Rivera	4	29	03

ORIGINAL – RETURN TO GENERATOR

Time 7:35

TRK # 212

Scale Ticket 19544 Pump 10:30

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-070	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19544	1	dump	40820	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.45 tons

Placement in Rhino Cell # E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero		04	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Brian Ellis		04	29	03

ORIGINAL – RETURN TO GENERATOR

Time 7:40 TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-072	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19542	1	dump	43,030	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.52 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	29	03

ORIGINAL – RETURN TO GENERATOR

11:00

$505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-075
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19545	1	dump	40670	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.34 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 4 Day: 29 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month: 4 Day: 29 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month: 4 Day: 29 Year: 03

ORIGINAL – RETURN TO GENERATOR

1100 # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-073 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19546	1	dump	39,730	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6

19.87 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 4 Day 29 Year 07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 4 Day 29 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 4 Day 29 Year 07

ORIGINAL – RETURN TO GENERATOR

11.20

751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-074
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~[redacted]~~ Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~505-430-2455~~ 915-821-3071

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19551	1	dump	42980	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.49 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 4 4 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M
Signature: Hector M
Month Day Year: 04 29 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~P.O. Box 693, La Luz, NM 88337~~ 5540 Norwood Ct. El Paso Tx 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jeremy Rivera
Signature:
Month Day Year: 4 29 03

Printed by: [redacted] Needles, CA 760-326-4500

TRANSPORTER #2

NM-NHWMS Rev. 12/98

11:15

414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-075
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: ~~Dirt Trucking~~ Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~505-430-2455~~ 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19548	1	dump	45020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.51 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month / Day / Year:

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel Heredia
Signature: Manuel Heredia
Month / Day / Year: 4 / 29 / 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month / Day / Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~P.O. Box 603, La Luz, NM 88337~~ 5540 Norwood Ct. El Paso TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month / Day / Year: 4 / 29 / 05

ORIGINAL – RETURN TO GENERATOR

Time 14:15

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-076	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19549	1	dump	41,530	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.77 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		4	29	03

ORIGINAL – RETURN TO GENERATOR

Time: 14:40

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-074	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19550	1	dump	36920	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

18.46 tons

Placement in Rhino Cell # B

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	29	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		4	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		4	29	03

ORIGINAL – RETURN TO GENERATOR

Time 15:00

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-92 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1031, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19547	1	dump	40550	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

20.28 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 04 Day 29 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: HECTOR M | Signature: HECTOR M | Month 04 Day 29 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jaime Rivelo | Signature | Month 4 Day 29 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:35

Trk # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc No. JLG-93 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter Company Name: H.G. Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-105, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19555	1	dump	44170	net
b. Scale Ticket				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

22.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 04 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Hector M. | Signature: Hector M | Month 04 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 4 Day 30 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:40 Ticket 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-077
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19554	1	dump	39,580	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.79 tons
Placement in Rhino Cell # 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 04 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 4 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rhino
Signature:
Month 4 Day 30 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

Ticket # 414

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
	N/A	JLG-94	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19553	1	dump	43410	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.71 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		4	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Darren Henderson	Darren Henderson	4	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	30	03

ORIGINAL – RETURN TO GENERATOR

Time 7:50

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-073
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19556	1	dump	39400	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.70 tons
Placement in Rhino Cell # 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
E M Harrison		4	30	03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 8:30

Scale Ticket 19557

TRK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-078	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19557	1	dump	45.64 0	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

22.82 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero		04	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		4	30	03

ORIGINAL – RETURN TO GENERATOR

Time 11:40

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-079
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19560	1	dump	41,630	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.82 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	4	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		4	30	03

ORIGINAL – RETURN TO GENERATOR

Time 1145

TRK 251

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-95
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19564	1	dump	47550	net
b. Scale Ticket 19558				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B
23.78 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 04 30 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M.
Signature: HECTOR M.
Month Day Year: 04 30 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Lenny Rivera
Signature:
Month Day Year: 4 30 03

ORIGINAL – RETURN TO GENERATOR

Time 11:45

Ticket 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-96	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19559	1	dump	43640	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

21.92 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Auren Heredia	Jauren Heredia	4	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Benny Rivera		4	30	03

ORIGINAL – RETURN TO GENERATOR

Time 12:00 TRK 212

Weight 19561 Dump 1:35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-080 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19561	1	dump	45460	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.73 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 09 Day 30 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Lucero | Signature | Month 09 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Danny Lucero | Signature | Month 4 Day 30 Year 03

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 1300

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-072
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19562	1	dump	39.330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
19.67 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 04 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 4 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 4 Day 30 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1305 TEK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-071	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19563	1	dump	43380	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.69 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	04	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Brian Ellis	BEllis	04	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, ~~TX~~ 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Brian Ellis	BEllis	04	30	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0548

ORIGINAL – RETURN TO GENERATOR

Time 15:05 Ticket 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-98	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19567	1	dump	11160	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

20.58 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Heredia	James Heredia	4	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		4	30	03

ORIGINAL – RETURN TO GENERATOR

Time 15:05

TRK# 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-093	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19565	1	dump	18.68 tons	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	30	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero		04	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Danny Rivera		4	30	03

ORIGINAL – RETURN TO GENERATOR

Time 15:05

TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-97
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

	11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	Petroleum Impacted Soil Scale Ticket 19558	1	dump	43570	net
b.	Scale Ticket 19564				
c.					
d.					

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.79 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scraggs
Signature:
Month/Day/Year: 10/30/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month/Day/Year: 10/30/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month/Day/Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month/Day/Year: 4/30/03

ORIGINAL – RETURN TO GENERATOR

Time 15:05

Tel 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-081 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19566	1	dump	36680	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # B — 18.14 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month Day Year: 04 13 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month Day Year: 4 | 30 | 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month Day Year: 4 | 30 | 05

ORIGINAL – RETURN TO GENERATOR

Time 7:20

Tck # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-99	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19543	1	dump	46960	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.48 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	01	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	05	01	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivero		5	01	03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

Ticket 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-091
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19570	1	dump	41,250	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

20.63 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 05 Day 01 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 5 Day 1 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 01 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:40 TKT 212

TKT 19569 Dump 9:25

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-092 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19569	1	dump	42630	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.32 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	01	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero	Danny Lucero	05	01	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rhino		5	01	03

ORIGINAL – RETURN TO GENERATOR

Time 7:45

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-070
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19571	1	dump	44800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B
22.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 10 01 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature:
Month Day Year: 10 01 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature: Rivera
Month Day Year: 10 01 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 8:00

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-100	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19572	1	dump	42730	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.37 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	01	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jaime Hendrix	Jaime Hendrix	05	01	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		5	01	03

ORIGINAL – RETURN TO GENERATOR

Time 10:50

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-089
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19575	1	dump	43,800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B
21.90 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 05 01 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month Day Year: 5 1 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Tommy Rivers
Signature:
Month Day Year: 5 01 03

ORIGINAL – RETURN TO GENERATOR

Time 10:50 Tkt 212

Weight Tkt # 19574 Dump 12,830

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-090
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19574	1	dump	41700	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.85 tons
Placement in Rhino Cell # B

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Dal K Hol
Month Day Year: 05 01 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Lucero
Signature: Danny Lucero
Month Day Year: 05 01 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivero
Signature
Month Day Year: 5 01 03

ORIGINAL – RETURN TO GENERATOR

Time 11:10

TRK 5-502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-069
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19582	1	dump	37350	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

18.69 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 05 Day 01 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Brian Ellis
Signature: BEllis
Month 05 Day 01 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: BEllis
Signature: BEllis
Month 05 Day 01 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:10

Tek 4/4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-102	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19577	1	dump	37.40	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

18.92 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Arturo Heredia	Arturo Heredia	5	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	5	07	03

ORIGINAL – RETURN TO GENERATOR

Time 11:15

TRK 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-101	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19579	1	dump	44170	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.09 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	01	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	01	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	05	01	03

ORIGINAL – RETURN TO GENERATOR

12:45

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-068
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330
FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's TDP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19580	1	dump	26340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

18.17 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 05 Day 01 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivera
Signature:
Month 05 Day 01 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera
Signature:
Month 05 Day 01 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 13:50 TRK # 212

Weight Tkt # 19581

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-087 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19581	1	dump	38430	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.22 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 05 Day 01 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Lucero | Signature | Month 05 Day 01 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Danny Lucero | Signature | Month 5 Day 01 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 13:55

Tek # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-088	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19584	1	dump	38040	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.02 tons

Placement in Rhino Cell # B

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	[signature]	05	01	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ramon Rivera	[signature]	5	01	03

ORIGINAL – RETURN TO GENERATOR

Time 14:20

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-067 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19576	1	dump	36260	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

18.13 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel Holmquist		05	01	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Brian Ellis	B. Ellis	05	01	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Eu Harrison		5	01	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1440 Ticket 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-103 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19585	1	dump	43380	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.69 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 05 Day 01 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M | Signature: HECTOR M | Month 05 Day 01 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jesus Rivera | Signature | Month 5 Day 01 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 14:40

TRK# 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-104
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19586	1	dump	38836	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.42 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 01 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year: 5 01 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month Day Year: 5 01 03

ORIGINAL – RETURN TO GENERATOR

Time 7:10

Tick 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-105
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19602	1	dump	40520	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.26 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 05 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M.
Signature: HECTOR M.
Month 05 Day 02 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 02 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:20

Ticket 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-086
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19600	1	dump	43900	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.45 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Dal K. Holmquist
Month: 05 Day: 02 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature: Roberto Trevizo
Month: 5 Day: 2 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Tony Rivera
Signature:
Month: 5 Day: 2 Year: 03

ORIGINAL – RETURN TO GENERATOR

time 7:25 TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-085
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19601	1	dump	41,540	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.77 tons
Placement in Rhino Cell #B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 05 Day: 02 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month: 5 Day: 2 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month: 5 Day: 2 Year: 03

ORIGINAL – RETURN TO GENERATOR

7:40

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-077	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19596	1	dump	40830	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.42 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
E.D. Jenny Rivers		5	2	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivers		5	2	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, ~~TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivers		5	2	03

ORIGINAL – RETURN TO GENERATOR

Time 10:30

Trk # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-106	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19598	1	dump	43800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.90 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M	05	02	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhino		5	02	03

ORIGINAL – RETURN TO GENERATOR

Time 10:50 TRK # 5502

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
	N/A	R-083	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19599	1	dump	41510	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.76 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	05	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	5	2	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	5	2	03

ORIGINAL – RETURN TO GENERATOR

Time 11:05 Trk # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-083
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19595	1	dump	38230	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.12 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Dane K. Holmquist		05	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	02	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	2	03

ORIGINAL – RETURN TO GENERATOR

Time 11:05

Trk # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-084 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19593	1	dump	44330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.16 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 05 Day 02 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space Tranporter Signature on Line 20 should be on Line 17 q.k.
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: ~~Gerardo~~ Jerry Rhino | Signature | Month 05 Day 02 Year 03

Printed/Typed Name: Roberto Trevizo | Signature: Roberto Trevizo | Month 5 Day 02 Year 03

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 14:00

TR# 75

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-107	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19597	1	dump	46080	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.04 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Hector M.	Hector M.	05	02	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	5	2	03

ORIGINAL – RETURN TO GENERATOR

Time 14:00

TCK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-082
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19594	1	dump	15530	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # 5

22.77 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 05 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 02 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 2 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

Ticket 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-094	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19592	1	dump	46040	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

23.07 tons

Placement in Rhino Cell #B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	05	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo		5	5	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		5	5	03

ORIGINAL – RETURN TO GENERATOR

Time 11:30

Tck # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-096 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19611	1	dump	48820	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.41 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month: 05 | Day: 05 | Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Roberto Trevizo | Signature: Roberto Trevizo | Month: 5 | Day: 5 | Year: 03

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month: 5 | Day: 5 | Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 7:30 Tek #08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-108
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19591	1	dump	43210	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.61 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	6	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Elena Rivera		5	6	03

ORIGINAL – RETURN TO GENERATOR

7:35

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-082.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19590	1	dump	43970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.99 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Deborah J Hartell
Signature: Deborah J Hartell
Month: 05 Day: 06 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero
Signature:
Month: 5 Day: 6 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature:
Month: 5 Day: 6 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 7:35

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-109
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19616	1	dump	39980	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.04 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 06 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month Day Year: 05 06 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Kenny Rivera
Signature:
Month Day Year: 5 6 03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-097	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19589	1	dump	43,190	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.60 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Dal K. Holm	05	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	6	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	5	6	03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

TRK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-098	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19615	1	dump	44120	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.06 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo		5	6	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	6	03

ORIGINAL – RETURN TO GENERATOR

Time 10:50

Tek # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-099
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19614	1	dump	46,890	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.45 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Dal K Holmquist
Month: 05 Day: 06 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month: 5 Day: 6 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature: Jenny Rivera
Month: 5 Day: 6 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 10:50

TRK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-100	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19587	1	dump	43270	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.64 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo		05	06	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	6	03

ORIGINAL – RETURN TO GENERATOR

June 11, '03 Tkt # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-111	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19618	1	dump	35440	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.72 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	6	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	6	03

ORIGINAL – RETURN TO GENERATOR

Time 11:55

Tek # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-110	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19612	1	dump	37900	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

18.95 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	05	06	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	5	6	03

ORIGINAL – RETURN TO GENERATOR

Time 11:55

TK # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-081
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19617	1	dump	41620	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.81 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	05	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		5	6	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		5	6	03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-080	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19622	1	dump	44200	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.10 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	7	03

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-112	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19621	1	dump	46140	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

23.07 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	03	07	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera	Henry Rivera	5	7	03

ORIGINAL – RETURN TO GENERATOR

Time 7:45

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-101
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19623	1	dump	48,330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.20 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Halmquist
Signature:
Month: 05 Day: 07 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month: 5 Day: 07 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month: 5 Day: 7 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 7:45

Ticket 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-102	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19588	1	dump	47090	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

23.55 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo		5	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		5	7	03

ORIGINAL – RETURN TO GENERATOR

Time 7:50 TRC 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-131
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19424	1	dump	43470	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.74 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 07 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: TERRY NICHOLS
Signature:
Month Day Year: 5 7 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month Day Year: 5 7 03

ORIGINAL – RETURN TO GENERATOR

Time 10:40 TCK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-111 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19628	1	dump	49,550	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.78 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 05 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 5 Day 7 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Tenny Rivera | Signature | Month 5 Day 7 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 10:40

Tkt # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-113
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19626	1	dump	45370	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

22.69 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 05 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR MADRID
Signature: HECTOR MADRID
Month 05 Day 07 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Tanny Rivera
Signature:
Month 5 Day 7 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 11:10

Tek # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-114
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19629	1	dump	43570	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.79 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month: 05 Day: 07 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month: 5 Day: 7 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month: 5 Day: 7 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 11:10

TEK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-103
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19430	1	dump	44500	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6

22.25 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Robert Trevizo	5	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	7	03

ORIGINAL – RETURN TO GENERATOR

Time 11:20

TERE 502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-079	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19631	1	dump	47700	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

23.85 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	05	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	5	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	5	7	03

ORIGINAL – RETURN TO GENERATOR

Time 14:05

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-105	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19635	1	dump	5045 lb net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

25.23 tons

Placement in Rhino Cell # 8

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Hargrist		05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	7	03

ORIGINAL – RETURN TO GENERATOR

Time 14:05

TRK# 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-104
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19634	1	dump	50400	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

25.20 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 05 Day: 07 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature:
Month: 5 Day: 7 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month: 5 Day: 7 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 14:15

TRK# 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-078	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19636	1	dump	45950	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.98 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Deborah J Hartell	Deborah J Hartell	05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		5	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		5	7	03

ORIGINAL – RETURN TO GENERATOR

Time: 13:45

TEX* 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-115	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19633	1	dump	50290 [redacted]	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

25.15 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M.	05	07	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera	Henry Rivera	5	7	03

ORIGINAL – RETURN TO GENERATOR

Time 15:55

Tkt # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-116
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19640	1	dump	43220	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

21.61 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	7	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		5	7	03

ORIGINAL – RETURN TO GENERATOR

Time 16:00

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-117
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19638	1	dump	50.340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

25.17 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 05 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Caswell
Signature: Jim Caswell
Month 05 Day 07 Year 03

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 7 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:15

Tkt # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-119
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19637	1	dump	42480	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B
21.24 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 08 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month Day Year: 5 8 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month Day Year: 5 8 03

ORIGINAL – RETURN TO GENERATOR

Time 7:15

Trk # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-118
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19639	1	dump	43780	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.89 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month: 05 Day: 08 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M.
Signature: Hector M.
Month: 05 Day: 08 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Genaro Rivera
Signature:
Month: 5 Day: 8 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

Trk # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-106	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19641	1	dump	41,670	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #B

20.84 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmgrst	Dan K	05	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	8	03

ORIGINAL – RETURN TO GENERATOR

Time 7:40 Trk # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-107
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19643	1	dump	48790	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

24.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Dane K. Holmquist
Signature:
Month Day Year: 05 08 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature: Roberto Trevizo
Month Day Year: 5 08 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month Day Year: 5 8 03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

Truck #212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-107	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump	48.790	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

24.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gene Rivera		5	8	03

TRANSPORTER #1

12-BLS-05 Rev. 12/99

Time 7:45

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-088	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19644	1	dump	48650	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24.33 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	8	03

ORIGINAL – RETURN TO GENERATOR

Time 10:40

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-133	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19648	1	dump	46640	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.32 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	05	08	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	5	8	03

ORIGINAL – RETURN TO GENERATOR

Time 10:40

Tek #08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-132
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19645	1	dump	35960	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
17.98 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 08 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month Day Year: 5 8 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhino
Signature:
Month Day Year: 05 08 03

ORIGINAL – RETURN TO GENERATOR

Time 10:50

Tek # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-108	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19650	1	dump	48,520	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

24.26 tons

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	08	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Glenn Rivers		5	8	03

ORIGINAL – RETURN TO GENERATOR

Time 10:50

TRK# 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-109	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19649	1	dump	45230	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.62 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	8	03

ORIGINAL – RETURN TO GENERATOR

Time 10:50

TRK # 212

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
	N/A	D-109	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump	45230	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.62 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	8	03

TRANSPORTER #1

12-RL-S405 Rev. 12/99

11:35

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-087
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19265	1	dump	43760	net
b. Scale Ticket 19644				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

21.88 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holquist
Signature:
Month 5 Day 8 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature:
Month 5 Day 8 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: E.M. Harrison
Signature:
Month 5 Day 8 Year 03

ORIGINAL – RETURN TO GENERATOR

11:35 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-087
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump	~~36900~~ EG 48650	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holquist
Signature:
Month 05 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month 05 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

12-BLS-00

TRANSPORTER #1

Time 14:30

TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-120
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19653	1	dump	47670	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

23.84 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	05	08	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jaime Rivera		5	8	03

ORIGINAL – RETURN TO GENERATOR

Time 14:50

TEX 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-134
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19022	1	dump	416.00	net
b. Scale Ticket 19019				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B
20.80 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	08	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	8	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	8	03

ORIGINAL – RETURN TO GENERATOR

Time 7:15

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-121	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19654	1.	dump	52.86	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

26.43 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	09	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Hector M	Hector M	05	09	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	9	03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-122	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19655	1	dump	45390	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.70 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	09	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Nichols		5	9	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		5	9	03

ORIGINAL – RETURN TO GENERATOR

Time 7:40

Tck 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-123	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19656	1	dump	48710	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.18 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	09	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Caswell		05	09	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		05	09	03

ORIGINAL – RETURN TO GENERATOR

Time 8:05

Trk # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-110
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19658	1	dump	49410	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

24.71 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Dan K Holm
Month 05 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature: Roberto Trevizo
Month 5 Day 09 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 5 Day 9 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 8:50

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-112	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19659	1	dump	46260	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.13 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holquist		05	07	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL MALDONADO		5	09	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivero		5	9	03

ORIGINAL – RETURN TO GENERATOR

Time 13:10 TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-113 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL YARD
~~FT 31~~ ~~Sabre Road~~ (Site 2/5 South)

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19663	1	dump	38.420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.21 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 5 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Maldonado | Signature | Month 5 Day 09 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 5 Day 9 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:45

TRK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-134	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19667	1	dump	41,040	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.52 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Treviz	Roberto Treviz	5	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		5	12	03

Printed by: HUITT-ZOLLARS, INC. Albuquerque, New Mexico

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 11:30

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-118
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19671	1.	dump	41.370	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

20.69 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 5 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 12 Year 03

Printed by S-J Graphics, 1000 Second Ave. No., Nooncan, WI 54137-0000

ORIGINAL – RETURN TO GENERATOR

12-EL-S-165 Rev. 12/98

Time 14:30

Tkt # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-119
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19676	1	dump	37290	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.65 Tons
Placement in Rhino Cell # B

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature
Month 05 Day 12 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature
Month 5 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature
Month 5 Day 12 Year 03

Printed by: DUPLEX PRODUCTS, Inc.
Neenah, WI 54957-0319

ORIGINAL – RETURN TO GENERATOR

NCR-2-BLS-C5 Rev. 12/98

Time 11:30

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-135	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19070	1	dump	43080	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.79 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holquist		05	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	12	03

Printed by [illegible] & ASSOCIATES, INC.
Neenah, WI 54957-0309

ORIGINAL – RETURN TO GENERATOR

Time: 7:30

Tck# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-154	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19665	1	dump	39.00	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.70 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel R Holmquist		05	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR MADRID	HECTOR MADRID	05	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	12	03

Printed by J.J. Keller & Associates, Inc. 1-800-327-6868 WWW.JJKELLER.COM

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 7:45

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-155
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 196166	1	dump	43310	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

21.66 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 05 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 5 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature:
Month 5 Day 12 Year 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 11:15

TRK 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-156

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name JLG Trucking

6. US EPA ID Number N/A

A. Transporter's Phone 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19672	1	dump	44440	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

22.22 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Daniel K. Holmquist | Signature | Month 05 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name HECTOR M. | Signature HECTOR M | Month 05 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Jenny Rivera | Signature | Month 05 Day 12 Year 03

Printed by J. J. Keller & Associates, Inc. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:30

TRK ~~54~~ 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-157
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19673	1	dump	42.30	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

21,22 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 05 12 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month Day Year: 5 12 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivero
Signature:
Month Day Year: 5 12 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:45 TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-158 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19677	1	dump	4930	net
b. Scale Ticket 19676				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

24.666 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 05 Day 12 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M | Signature: HECTOR M | Month 05 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera | Signature | Month 5 Day 12 Year 03

GENERATOR / TRANSPORTER / FACILITY

Printed by J.J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-120 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19680	1.	dump	38560	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

19.28 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K. Holmquist | Month 05 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero | Signature | Month 5 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 5 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:25

TRK# 292

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-136	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19679	1	dump	41.810	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

20.91 Tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	13	03

Formerly A-Plus Waste Services, Inc.
Albuquerque, NM 87102

ORIGINAL – RETURN TO GENERATOR

NM 87330 Rev. 12/98

Time 7:25 TRK # 210

weight ticket 19681

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-137	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19681	1	dump	39020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.51 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero		05	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	13	03

Printed by J.J. KELLER & ASSOC./FES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:10

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-138
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19684	1	dump	42,880	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

21.44 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 05 Day: 13 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Treuizo
Signature: Roberto Treuizo
Month: 5 Day: 13 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivello
Signature:
Month: 5 Day: 13 Year: 03

Printed by U.S. Reprographics, Inc. Visalia, CA 93291

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 17:15 — Ticket 210

[redacted] weight ticket 19686

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-139	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19686	1	dump	43350	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.68 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	5	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero		10	5	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		10	5	03

Printed by [illegible]

ORIGINAL – RETURN TO GENERATOR

12-BLM-CS Rev. 1-98

Time 1415

Ticket #210

Weight #19687

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-141	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19687	1	dump	40340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.17 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero		05	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	13	03

Printed by: J. J. Keller & Associates, Inc. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

J.J. KELLER 42-BL-S-C5 Rev. 12/98

Time 11:20

Tel 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-159	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~JLG Trucking~~ Rhino Env	N/A	~~915-821-0671~~ 915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19685	1	dump	41990	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.00 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		5	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		5	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~5540 Norwood Crt., El Paso, Texas 79924~~ 200 Sunset Dr. Suite D, El Paso Tx

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	13	03

Printed by: [illegible] Neenah, WI 54957-0319

ORIGINAL – RETURN TO GENERATOR

Time 7:40

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-121
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19691	1	dump	36630	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.32
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	14	03

Printed by OK Resources Corp. Norman, OK 800-722-6667

ORIGINAL – RETURN TO GENERATOR

12 BLS C5 Rev. 12/98

Time 1115

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-122
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19696	1	dump	34060	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

17.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	14	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:42 — Tek # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-142 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19690	1	dump	38630	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.32 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 05 | Day 14 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Treuizo | Signature | Month 5 | Day 14 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 5 | Day 14 | Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:45

Ticket 218

weight 19693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-143	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19693	1	dump	42070	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.04 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		05	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	14	03

Printed by [illegible] Associates, Inc.
Norman, Oklahoma

ORIGINAL – RETURN TO GENERATOR

Time 14:10

TRK # 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-144
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19689	1	dump	43990	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

22.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo		5	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	14	03

Printed by J.J. KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

Time 12:30

Tkt # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-124	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31 ~~Sabre Road~~ POL Yard (Site 2/5 South End)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19695	1	dump	46920	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.46 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Oman A Torres		05	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	14	03

ORIGINAL – RETURN TO GENERATOR

Time: 7:35

Ticket 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-161	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19688	1	dump	41040	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

20.52 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Glenn Rivers		5	14	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-ELS-C5 Rev. 12/98

Time 7:40

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-162	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19694	1	dump	43.87	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

21.94 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Tony Rivera		5	14	03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:50

TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-163	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19698	1	dump	46870	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.44 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		10	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M.	10	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		8	4	03

Printed by J.J. Keller & Associates, Inc.

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/96

Time 11:20

TRK# 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-164	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DF-1031 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19697	1	dump	43440	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # B — 21.72 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		5	14	03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1410

TCR 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-165	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19699	1	dump	47030	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

23.52 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M.	05	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	14	03

Printed by Merrill Corporation, Neenah, WI 54957-0086

ORIGINAL – RETURN TO GENERATOR

Time 14:30 — Ticket 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-166
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19692	1	dump	39020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B
19.51 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 05 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 05 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 5 Day 14 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-CS Rev. 12/98

Time 10:45

Ticket #505

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
	N/A	R-085	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

~~2 FT-31~~ ~~Sabre Road~~ Ad Yard (Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19705	1	dump	36900	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

18.45 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	15	03

ORIGINAL – RETURN TO GENERATOR

Time 7:55

Ticket 44505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A	Manifest Doc. No. R-086	2. Page 1 of 1	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL YARD
EG ~~PT-31~~ ~~Sabre Road~~ (Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental — 6. US EPA ID Number: N/A — A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19703	1	dump	net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.69 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 05 Day 15 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera — Signature — Month 5 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space
~~Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: E. M. Harrison — Signature — Month 5 Day 15 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1200

Tel 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-115 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31 POL Yard
Sabre Road (Site 215 South Gate)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19707	1	dump	40930	net
b. Scale Ticket 19702				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B WEIT TICKET NO# 19707
20.47 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL MALDONADO	M. Maldonado	5	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	15	03

ORIGINAL – RETURN TO GENERATOR

Time 8:15 TEX 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-140
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump	40.00	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.05 tons
[redacted] NET 40100 WEIT NO# 19702
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel R. Holmquist		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL MALDONADO		5	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	15	03

Printed by: [redacted] INC.
Telephone: [redacted]

ORIGINAL – RETURN TO GENERATOR

Time 7:55 TRK #751 TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-135
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

EG ~~FT-31~~ POL Yard ~~Sabre Road~~ (site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19701	1	dump	51.690	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

25.85 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR MADRID	HECTOR MADRID	05	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Leonel Rivera		5	15	03

ORIGINAL – RETURN TO GENERATOR

Time 15:40

Ticket 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-136 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505)572-3931

EB ~~FT-31~~ POL Fuel ~~Sabre Road~~ (Site 2/5 South)

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19710	1	dump	38680	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.34 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 05 Day 15 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Bojorquez | Signature | Month 05 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 5 Day 15 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 10:15

TRK #414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-137	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL YARD South (site 3/5)
~~FT-31~~
~~Sabre Road~~

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19704	1	dump	41750	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.88 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TERRY NICHOLS		5	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	15	03

ORIGINAL – RETURN TO GENERATOR

Time 1050

Tk # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-138	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
E4 ~~FT-31~~
~~Sabre Road~~ (site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19706	1	dump	38970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.49 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M.	05	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Tony Rivera		5	15	03

ORIGINAL – RETURN TO GENERATOR

Time 15:45

TCK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-139	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

EL ~~FT-31~~ POL YARD
~~Sabre Road~~ (Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19712	1	dump	45730	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

22.87 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		5	15	03

ORIGINAL – RETURN TO GENERATOR

Time 15:45

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-140	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

~~FT-31~~ POL Yard
~~Sabre Road~~ (Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19711	1	dump	42420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.21 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scraggs		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Caswell	Jim Caswell	05	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	15	03

ORIGINAL – RETURN TO GENERATOR

Time 14:05

Tck 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-153	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard (Site 2/5 South)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19709	1	dump	43570	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # B

21.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	15	03

Printed by Multi-Copy Forms, Neenah, WI 54956-2000

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 14:05

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-160	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19708	1	dump	14280	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22,14 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	15	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Oman A Tovar		05	15	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	15	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:30

TRK # 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-126 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19715	1	dump	38390	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.20 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 5 | Day 16 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivero | Signature | Month 5 | Day 16 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero | Signature | Month 5 | Day 16 | Year 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 14:00

TRK 2054

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-125
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ D & J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ (505) 430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19724	1	dump	47450	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.73 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 05 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature: Roberto Trevizo
Month 5 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 5 Day 16 Year 03

Printed by: Rhino Environmental Products, Inc.
Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

Time 7:40

TRK # 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-148
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19714	1	dump	42060	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.03 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 05 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature: Roberto Trevizo
Month 5 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 16 Year 03

[redacted]

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 7:30

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-150
2. Page 1 of 1
TRK # 210

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19714	1	dump	42080	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B WET TC 19714
21.04 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 05 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL MALDONADO
Signature: M. Maldonado
Month 5 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

NRC/BLS-C5 Rev. 12/98

Time 11:50

TKT # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-151	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19725	1	dump	44820 net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.41 tons

Placement in Rhino Cell # B WEIT # 19725

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL MALDONADO	M. Maldonado	5	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	16	03

Printed by J.J. Keller & Associates, Inc. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NSN 7540-01-12-PLS-Cb Rev. 12-96

Time 7:30

TRF 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-149	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

POL Yard
(Site 2/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Dal~~ Gomez Trucking	N/A	~~505 430 2155~~ (915) 821-0471
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19713	1	dump	42820	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

21.41 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	05	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M.	05	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~P.O. Box 603, La Luz, NM 88337~~ 9ic 5590 Norwood Crt, El Paso Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	5	16	03

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 11/98

Time 11:15

TRK 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-141	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31 ~~Sabre Road~~ POL Yard Site (1/5 South)

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19726	1	dump	44940	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B

22.47 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	16	03

ORIGINAL – RETURN TO GENERATOR

Time 7:50

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-114
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19727	1	dump	47,070	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

23.54 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 05 Day 19 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 5 Day 19 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 5 Day 19 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 10:45

Ticket 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-116	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19729	1	dump	50710	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

25.36 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	05	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	19	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	5	19	03

ORIGINAL – RETURN TO GENERATOR

Time 10:50

Ticket 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-117	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19721	1	dump	53320	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

26.66 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	19	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	19	03

ORIGINAL – RETURN TO GENERATOR

Tank 18.00 Tank 218

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-118 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19720	1	dump	44,500	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

22.25 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs | Signature | Month/Day/Year: 05/19/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month/Day/Year: 5/19/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month/Day/Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Glenn Rivera | Signature | Month/Day/Year: 5/19/03

ORIGINAL – RETURN TO GENERATOR

Time 14:00

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-119	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19719	1	dump	47320	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

23.66 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	19	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	19	03

ORIGINAL – RETURN TO GENERATOR

pe 8:00

TKR204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-133	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

POL Yard
(Site 2/5 South)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19722	1	dump	42670	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

21.34 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	19	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	19	03

Time 7:15

Truck 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-125
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19723	1	dump	443 lbs	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #

22.17 tons

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 05 Day 19 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M.
Signature: HECTOR M.
Month 05 Day 19 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 19 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 750 Time 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-126
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19728	1	dump	45000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.83 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature
Month 05 Day 19 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Terry Nichols
Signature
Month 5 Day 19 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature
Month 5 Day 19 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:35

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-084
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19718	1	dump	38650	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.33 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 5 Day 20 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jeary Rivera
Signature:
Month 5 Day 20 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jeary Rivera
Signature:
Month 5 Day 20 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 10:45

Tek 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-089	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19735	1	dump	40680	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.34 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	20	23

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	20	23

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	20	23

ORIGINAL – RETURN TO GENERATOR

Time 8:00 Tek 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-120.	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19731	1	dump	37100	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

18.55 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	20	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	20	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Danny Rivero		5	20	03

ORIGINAL – RETURN TO GENERATOR

Time 8:00

Tkt # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-121 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19717	1	dump	40/40	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.07 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 05 Day 20 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 5 Day 20 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 5 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1050

Trk 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-122	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19736	1	dump	46630	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

23.32 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	20	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	20	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	20	03

ORIGINAL – RETURN TO GENERATOR

Time 10:50

TRK # 218

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-123
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19737	1	dump	44,35	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

22.18 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month: 05 Day: 20 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month: 5 Day: 20 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month: 5 Day: 20 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 1344 TRK# 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-124
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19743	1	dump	48070	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.04 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	20	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	5	20	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Alex Rivera		5	20	03

ORIGINAL – RETURN TO GENERATOR

Time 1347 hrs

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-125	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19745	1	dump	45,650	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

22.83 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	05	20	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	20	03

ORIGINAL – RETURN TO GENERATOR

Time 7:30 — Sept 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-127
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19730	1	dump	44220	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.11 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 05 20 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M.
Month Day Year: 05 20 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month Day Year: 5 20 03

ORIGINAL – RETURN TO GENERATOR

Time 10:55

TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-128 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19738	1	dump	42890	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6
21.45 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month 05 Day 20 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M. | Signature: HECTOR M. | Month 05 Day 20 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month 5 Day 20 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 12:20

Ticket 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-129
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19741	1	dump	57590	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B
21.30 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 05 20 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year: 05 20 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Lines Address: 5540 Norwood Crt., El Paso, Tx 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month Day Year: 5 20 03

ORIGINAL – RETURN TO GENERATOR

Time 1337 hrs

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-130 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505 572-3931)

FT-31
Sabre Road

5. Transporter 1 Company Name H&G Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address Rhino Facility NM1
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19740	1	dump	45.90	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.00 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	05	20	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	05	20	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	Jenny Rivera	5	20	03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 1344

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-142.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19744	1	dump	45800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.90 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 20 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month Day Year: 05 20 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year: 8 20 03

ORIGINAL – RETURN TO GENERATOR

Time 1400hrs TRK# 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-143	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19746	1	dump	43290	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.65 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scroggs		05	20	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Nichols		5	20	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	20	03

ORIGINAL – RETURN TO GENERATOR

Time 0709 TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-144 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19748	1	dump	41450	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #A6
20.73 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	21	03

ORIGINAL – RETURN TO GENERATOR

Tim 0709

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-145
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19747	1.	dump	38310	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.16 tons
Placement in Rhino Cell #B6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Tonez	Omar A Tonez	05	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	21	03

ORIGINAL – RETURN TO GENERATOR

Time 0710

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-146
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505)572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19749	1	dump	40010	net
b. Scale Ticket				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.01 tons
Placement in Rhino Cell #~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 21 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ~~Jerry~~ NICHOLS
Signature:
Month Day Year: 05 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivero
Signature:
Month Day Year: 05 21 03

ORIGINAL – RETURN TO GENERATOR

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19751	1	dump	42290	Wet
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.48 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Lines		5	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		5	21	03

ORIGINAL – RETURN TO GENERATOR

Time 0713 TRF# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-127	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19750	1	dump	41540	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.77 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	21	03

ORIGINAL – RETURN TO GENERATOR

Time 0823

TRK # 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-128 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19752	1	dump	43040	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.52 tons

Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 05 Day 21 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Rumsey | Signature | Month 5 Day 21 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 5 Day 21 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1037 TRK# 643

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-147 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19757	1	dump	36786	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.39 tons
Placement in Rhino Cell #~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs | Signature | Month Day Year: 05 21 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar Tavarez | Signature | Month Day Year: 05 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month Day Year: 5 21 03

ORIGINAL – RETURN TO GENERATOR

Time 1039

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-148	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19758	1	dump	41790	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B-6

20.90 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	21	03

ORIGINAL – RETURN TO GENERATOR

TIME: 1051

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-130
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19759	1	dump	41.140	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B
20.52 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	21	03

ORIGINAL – RETURN TO GENERATOR

TIME: 1051

TRK # 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-129
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19761	1	dump	118430	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.22 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 21 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Lines
Signature:
Month Day Year: 5 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jesus Rivera
Signature:
Month Day Year: 5 21 03

ORIGINAL – RETURN TO GENERATOR

TIME: 1051

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-091
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19762	1	dump	36970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.49 tons
Placement in Rhino Cell # B

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Halmquist
Signature:
Month Day Year: 05 21 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month Day Year: 05 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month Day Year: 05 21 03

ORIGINAL – RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-152	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19760	1.	dump	46.20	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.31 tons

Placement in Rhino Cell #~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	21	03

ORIGINAL – RETURN TO GENERATOR

TIME: 1243hrs

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-151 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19764	1	dump	41210	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~B~~ 6

20.61 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: David Scruggs | Month: 05 | Day: 21 | Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Bojorquez | Signature: Alfonso Bojorquez | Month: 05 | Day: 21 | Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: ALF | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month: 5 | Day: 21 | Year: 03

ORIGINAL – RETURN TO GENERATOR

TIME: 1340

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-149
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19766	1	dump	38760	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.38 tons
Placement in Rhino Cell # B-6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 21 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar Alvarado
Signature:
Month Day Year: 05 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month Day Year: 5 21 03

ORIGINAL – RETURN TO GENERATOR

TIME: 1340

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-150
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19765	1	dump	38.14	net
b. Scale Ticket				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.07 tons
Placement in Rhino Cell # ~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 05 12 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M.
Signature: Hector M
Month Day Year: 05 12 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Sierra Rivera
Signature:
Month Day Year: 5 20 03

ORIGINAL – RETURN TO GENERATOR

TIME: 1407 TRK # 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-170 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19768	1.	dump	46.110	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: 23.06 tons

Placement in Rhino Cell # G7

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Darrell Gobin | Signature | Month 05 Day 21 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Lines | Signature | Month 5 Day 23 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature | Month 5 Day 21 Year 03

Printed by [illegible] Nemaha [illegible]

ORIGINAL – RETURN TO GENERATOR

NM-12-BLS-05 Rev. 12/98

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-171	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19767	1	dump	45330	net
b. Scale Ticket				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #6 G

22.67 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David W Johnson				

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Rumsey		10	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		10	21	03

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	21	03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

TIME: 1423 hrs

TRK# 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-172	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19769	1	dump	43910	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.96 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN 12 STAHN		05	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		5	21	03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 1505

Truck 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-131	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19771	1	dump	44090	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.05 tons

Placement in Rhino Cell # B 5

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		5	21	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	21	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	21	03

ORIGINAL – RETURN TO GENERATOR

Time 0711 TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-174 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19773	1	dump	42170	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~B~~G

21.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] | Signature | Month 05 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Torres | Signature | Month 05 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] | Signature | Month 5 Day 22 Year 03

Printed by [illegible]

ORIGINAL – RETURN TO GENERATOR

[illegible] EPA Rev. 12/98

TIME 7:15

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-096
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19796	1.	dump	47350	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.68 tons
Placement in Rhino Cell # ~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 5 Day 23 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature:
Month 5 Day 23 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 5 Day 23 Year 03

ORIGINAL – RETURN TO GENERATOR

TIME: 0734

TRK# 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-158	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19795	1	dump	47,980	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #B6

23.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darrin Gholson		05	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		5	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ramon Rivera		5	23	03

ORIGINAL – RETURN TO GENERATOR

TIME: 0734

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-157
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19794	1	dump	45,32	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~B~~ G

22.66 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: PARKER STOKES
Signature:
Month: 05 Day: 23 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month: 5 Day: 23 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Glenn Rivera
Signature:
Month: 5 Day: 23 Year: 03

Partially [illegible]
Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/00

Time: 0711

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-173
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19772	1	dump	38740	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.37 tons
Placement in Rhino Cell #BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN L [illegible]	[signature]	05	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	[signature]	5	22	03

Printed by [illegible]

ORIGINAL – RETURN TO GENERATOR

[illegible] 12/98

TIME: 0723

TRK# 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-177
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19774	1	dump	45540	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.77 tons
Placement in Rhino Cell #BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrell Stilson
Signature:
Month Day Year: 05 22 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Nichols
Signature:
Month Day Year: 5 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhino
Signature:
Month Day Year: 5 22 03

Printed by: KELLEY & ASSOCIATES, INC. Midland, TX

ORIGINAL – RETURN TO GENERATOR

LLS-GG Rev. 12/98

TIME: 0731

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-092
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19775	1	dump	43240	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.62 tons
Placement in Rhino Cell #~~BG~~

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 05 22 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature:
Month Day Year: 5 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: E. M. Harrison
Signature:
Month Day Year: 5 22 03

ORIGINAL – RETURN TO GENERATOR

TIME: 0734

IRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-132
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19778	1	dump	45,740	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.87 tons
Placement in Rhino Cell # 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		05	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Tonny Rivera		5	22	03

ORIGINAL – RETURN TO GENERATOR

TIME: 0806

TRK# 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-153
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19776	1.	dump	47270 net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.69 tons
Placement in Rhino Cell #~~4~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN 12 ST Peter
Signature:
Month 05 Day 22 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Rumsey
Signature:
Month 5 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 22 Year 03

GENERATOR / TRANSPORTER / FACILITY

Printed by [illegible]
Neenah, WI 54957-0300

ORIGINAL – RETURN TO GENERATOR

NCR-BLS-C5 Rev. 12/98

TIME: 0919

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-176	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19779	1	dump	44650	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B

22.33 Tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARRIN Sabra		05	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	05	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	Martin Alcala	05	22	03

Printed by [illegible]
Approved NMED [illegible]

ORIGINAL – RETURN TO GENERATOR

NMED/EIS/05 Rev. 12/98

TIME: 1046

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-175
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19781	1	dump	40560	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.28 tons
Placement in Rhino Cell # ~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARIN L Stokes
Signature
Month Day Year: 05 22 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Tovar
Signature
Month Day Year: 05 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature
Month Day Year: 5 22 03

Printed by JJ KELLER & ASSOCIATES, INC. Neenah, WI 54956-0368

ORIGINAL – RETURN TO GENERATOR

[redacted] 7-CES Rev. 12/98

TIME: 1046

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-178
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19782	1	dump	46160	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.08 tons
Placement in Rhino Cell #~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN C ROBB
Signature:
Month Day Year: 05 22 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month Day Year: 05 22 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month Day Year: 5 22 03

Printed by: [illegible]
Neenah, WI

ORIGINAL – RETURN TO GENERATOR

NP-BLS-C5 Rev. 12/98

TRK# 5502

TIME 1058

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Doc. No. R-093	2. Page 1 of 1	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19784	1	dump	46000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.00 tons
Placement in Rhino Cell # ~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		05	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Esther M. Harrison		5	22	03

ORIGINAL – RETURN TO GENERATOR

TIME: 1122

TRK # 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-155 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19786	1	dump	46000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.00 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: DARRIN R STAHL | Signature | Month 05 Day 22 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Ramsey | Signature | Month 5 Day 22 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 5 Day 22 Year 03

Printed by: J. KELLY
Normandeau Associates, Inc.

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

TIME: 1122

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-154	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19783	1	dump	43,760	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.88 tons

Placement in Rhino Cell # ~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARRIN R GOLDEN		05	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	22	03

ORIGINAL – RETURN TO GENERATOR

TIME: 1234

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
N/A	JLG-179	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19785	1	dump	45090	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.55tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN R STAHN		05	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bosorquez	Alfonso Bosorquez	05	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

Q.K.

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Matt Alcala MARTIN ALCALA

Printed/Typed Name	Signature	Month	Day	Year
		05	22	03

ORIGINAL – RETURN TO GENERATOR

12 Blue Rev. 12/98

TIME: 1347

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-181	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19787	1	dump	42308	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.15 tons

Placement in Rhino Cell #BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darrell R Stelzel		05	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Torres		05	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	22	03

Printed by: [illegible]
Norman, Oklahoma

ORIGINAL – RETURN TO GENERATOR

[illegible] USA/ES Rev. 12/98

TIME: 847

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1
N/A	JLG-180	of

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19788	1	dump	455.00	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

22.75 tons

Placement in Rhino Cell # B/G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARIN R STOKES		05	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	22	03

ORIGINAL – RETURN TO GENERATOR

12-BLM-65 Rev. 12/98

TIME: 1:50

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-094	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19789	1	dump	45330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.67 tons

Placement in Rhino Cell #~~B~~6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		5	22	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	22	03

ORIGINAL – RETURN TO GENERATOR

-4

TRK# 204

ZARDOUS E MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Doc. No. D-156	2. Page 1 of 1	
ame and Mailing Address ator's Phone (505) 572-3931	HAFB 49th CES/CEV HWY. 70, HAFB, NM 88330		FT-31 Sabre Road	
nsporter 1 Company Name DnJ Trucking	6. US EPA ID Number N/A		A. Transporter's Phone 505-430-2455	
7. Transporter 2 Company Name	8. US EPA ID Number		B. Transporter's Phone	
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A		C. Facility's Phone 915-842-9911 800-762-0241	

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19793	1	dump	48420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24.21 tons

Placement in Rhino Cell #4 S

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darrin Stoker		05	22	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		5	22	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	22	03

GENERATOR — TRANSPORTER — FACILITY

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED-HWB-SS Rev. 11/2/98

TIME: 7:15

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-182

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19798	1	dump	44390	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B G

22.20 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: DARWIN L STOKER

Signature

Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: HECTOR M

Signature: HECTOR M.

Month 05 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera

Signature

Month 5 Day 27 Year 03

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ORIGINAL – RETURN TO GENERATOR

1 - T2-BLS-C5 Rev. 12/03

TIME: 7:15

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-183	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19800	1	dump	42120	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # B 6

21.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN C. Echon		05	27	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar Tarango		05	27	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	27	03

Printed by [redacted] Nevada Weekly [redacted]

ORIGINAL – RETURN TO GENERATOR

[redacted] Forms 6-Plus-05 Rev. 12/02

TIME: 7:25

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-184
2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19799	1	dump	41660	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
26.83 tons
Placement in Rhino Cell #9 G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN 12 ST Rhd
Signature:
Month: 05 Day: 27 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month: 05 Day: 27 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: . Day: . Year: .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month: 5 Day: 27 Year: 03

ORIGINAL – RETURN TO GENERATOR

12-ELS-05 Rev. 12/98

TIME: 7:30

TRK# 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-152
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19806	1	dump	49.260	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.63 tons
Placement in Rhino Cell # 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN R ST LEWIS
Signature:
Month / Day / Year:

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Lines
Signature:
Month / Day / Year: 5 / 27 / 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month / Day / Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month / Day / Year: 5 / 27 / 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-GS Rev. 12/98

TIME: 730

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-159 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19804	1	dump	47,260	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B 6

23.63 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN C Stahl | Signature | Month 5 | Day 27 | Year 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CT Woods | Signature: Charles E Woods | Month 5 | Day 27 | Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jeremy Rhino | Signature | Month 5 | Day 27 | Year 05

Printed by Neenah, WI

ORIGINAL – RETURN TO GENERATOR

12-BLS-C3 Rev. 12/98

TIME: 7:45

TRK# 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-160	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19805	1	dump	45400	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.70 tons

Placement in Rhino Cell #D 4

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN D STEVENS		05	27	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		5	27	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	27	03

Printed by J & J Printing
Neenah, Wisconsin 54956

ORIGINAL – RETURN TO GENERATOR

TIME: 0918

TRK# 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-185
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19808	1	dump	45130	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~B~~ 6
22.57 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN LEE STOKER
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 5 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 05 Day 27 Year 03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED-HWB-GCS Rev. 12/98

TIME: 0918

TRK# 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-186	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19807	1	dump	49.240	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~B~~ 6

24.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARON K ST RAW		05	27	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NECHOCS		5	27	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	27	03

Compliance Engineering Services
Albuquerque, NM 87107

ORIGINAL – RETURN TO GENERATOR

NMED 4/2/98

TIME: 1038 TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-187	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19809	1	dump	42220	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #4

21.11 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	05	27	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omun A Tenes	[signature]	05	27	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera	[signature]	05	27	03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED OCD Rev 6/99

TIME 1039

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-188	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19810	1	dum	44030	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.03 tons

Placement in Rhino Cell # C7

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARRIN R STAHL		05	27	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	05	27	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Normand Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JERRY RIVERA		5	27	03

Printed by authority of the State of New Mexico Environmental Improvement Board

ORIGINAL – RETURN TO GENERATOR

NMED 1815 Rev. 12/95

TIME: 1055

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-161
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19813	1	dump	45178	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.59 tons
Placement in Rhino Cell # 4

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrow Richardson
Signature:
Month 5 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature:
Month 5 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 5 Day 27 Year 03

Printed by: J. Kelley
Nelson Wireless

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

TIME 10:55

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-095
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19815	1	dump	22.37 tons	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Halmquist
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 27 Year 03

ORIGINAL – RETURN TO GENERATOR

TIME 1055

TRK # 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-162
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19811	1	dump	46040	let
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.02 tns
Placement in Rhino Cell # 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN O Pahl
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Lines
Signature:
Month 5 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Kenny Rivera
Signature:
Month 5 Day 27 Year 03

Printed by: Neenah, WI 54956-0000

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Tim 1055

TRK#204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-163	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19812	1	dump	44240	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.62 tons

Placement in Rhino Cell # 67

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David W. Schad		05	27	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		5	27	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	27	03

ORIGINAL – RETURN TO GENERATOR

Tm 1055

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-189	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19814	1	dump	40540	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.27 tons
Placement in Rhino Cell # 6 4

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darwin R Stahl		05	27	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	05	27	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	27	03

Unigro... Northern Wilderness...

ORIGINAL – RETURN TO GENERATOR

12-BLS-65 Rev... 08

TIME 1252

TRK 1/15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-190
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19817	1	dump	46960	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~B~~ 6

23.48 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARRON E STAHL
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 5 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Glenn Rivers
Signature:
Month 5 Day 27 Year 03

Printed by [illegible]

ORIGINAL – RETURN TO GENERATOR

NMED-12-BLS-C1 Rev. 12/98

TIME 1253 TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-191
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19818	1	dump	37420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #BG
18.71 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARLENE STEVENS
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 05 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 27 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

EPA Form 8700-22 (Rev. 12/94)

TIME 1325 TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-192 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19820	1	dump	40890	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 9

20.45 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARIN R OSTRAM | Signature | Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month 05 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Tamayo | Signature | Month 05 Day 27 Year 03

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera | Signature | Month 5 Day 27 Year 03

Printed by: [illegible]
Nashua, NH 03063

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 1338

TRK 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-164
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19821	1.	dump	40420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.21 tons
Placement in Rhino Cell #8 9

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN L. ST. LAURENT
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M.
Month 05 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 5 Day 27 Year 03

ORIGINAL – RETURN TO GENERATOR

BLS-C5 Rev. 12/98

Tmne 1349

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. D-165
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19823	1	dump	46090	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 5

23.05 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARIN L SCHW
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E WOODS
Signature: Charles E Woods
Month 5 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 5 Day 27 Year 03

Printed by Neenah Printing

ORIGINAL – RETURN TO GENERATOR

12-BLS-CE Rev. 12/98

Tmw 1352

TRK # 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-167
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19822	1	dump	46,290	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 9

23.15 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARRIN [illegible]
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Lines
Signature:
Month 5 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivers
Signature:
Month 5 Day 27 Year 03

Printed by [illegible]
Nearby, WI [illegible]

ORIGINAL – RETURN TO GENERATOR

NM-12 BLS-05 Rev. 12/98

Tim 1352

TRK# 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-166	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19824	1	dump	43 800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.94 tons

Placement in Rhino Cell # 8 9

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARLENE STOKES		05	27	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Rumsey		5	27	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rinco		5	27	03

Printed by [illegible]
Neenah, Wisconsin 54956

ORIGINAL – RETURN TO GENERATOR

NFF-12-BLS-65 Rev. 12/98

Time 1355 TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-097
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19825	1	dump	44530	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 9 G
22.27 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 27 Year 03

ORIGINAL – RETURN TO GENERATOR

TIME 1402 TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-193 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19826	1	dump	44440	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #B 6

22.22 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN K STILL | Signature | Month 05 Day 27 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez | Signature: Alfonso Bojorquez | Month 05 Day 27 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 5 Day 27 Year 03

Printed by: KELLER ... Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:15

Tck # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-194	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19854	1.	dump	36.50	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

18.08

Placement in Rhino Cell # BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darwin R Stokes		05	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	05	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rye		5	28	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:25

TEX 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-195
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19831	1	dump	40.75 C	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.38 tons
Placement in Rhino Cell # ~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN K Stehn
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month 04 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 28 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/02

Time 7:30

Ticket 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-168
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19835	1	dump	45,130	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #BG
22.57 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darwin C Stelzer
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: Charles E Woods
Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry River
Signature:
Month 5 Day 28 Year 03

Printed by J. Neu - Neal Software

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 7:30

TR 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-169
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19832	1	dump	46020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.01 tons
Placement in Rhino Cell #BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Stelzer
Signature:
Month Day Year: 05 28 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Rumsey
Signature:
Month Day Year: 5 28 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month Day Year: 05 28 03

Neenah

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 7:30

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-196
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19834	1	dump	37990	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~B~~ G

19.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARRIN R ~~S~~ [illegible]
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 5 Day 28 Year 03

Printed by [illegible] Neenah, WI

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 7:40

Tkt # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-098 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19830	1	dump	38860	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.43 tons
Placement in Rhino Cell # B G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holguin | Signature | Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Rivera | Signature | Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month 5 Day 28 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 7:40 Ticket 206

43710

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-172 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19833	1	dump	43710	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.86 tons
Placement in Rhino Cell #B6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Stahl | Signature | Month 05 Day 28 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Linzy | Signature | Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rinn | Signature | Month 5 Day 28 Year 03

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #2

Time 7:55

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-197	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19829	1	dump	42330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.17 tons
Placement in Rhino Cell #BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darwin Stone		05	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Martinez		05	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	28	03

SELLER COPY

ORIGINAL – RETURN TO GENERATOR

NMED Form 12-ELS-C5 Rev. 12/98

Time 1025

Trk # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-198
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19828	1	dump	42590	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B-6

21.30 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David W. Rubio
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar Terrazas
Signature:
Month 05 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 28 Year 03

Printed by [illegible] Neenah, WI

ORIGINAL – RETURN TO GENERATOR

12-BLS-85 Rev. 12/93

Time 1044

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-200

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19843	1	dump	12.770	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.39 tons
Placement in Rhino Cell # ~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: DARWIN 12 SS[illegible] | Signature | Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS | Signature | Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Darwin Rhino | Signature | Month 5 Day 28 Year 03

Printed by [illegible] Neenah, WI [illegible]

ORIGINAL – RETURN TO GENERATOR

[illegible] NCR-5 Rev. 12/98

Time 1044

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-199
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19827	1	dump	42960	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # B6

21.48 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David R Stahl
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 05 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Knus
Signature:
Month 5 Day 28 Year 03

Printed by [illegible] Neenah, WI

ORIGINAL – RETURN TO GENERATOR

NCR-BLS-65 Rev. 12/98

Time 1045

Trk # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-173
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19846	1	dump	44,730	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.37 tons
Placement in Rhino Cell # ~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David R Stahl
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods
Signature: Charles E Woods
Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 5 Day 28 Year 03

Printed by BLUHEEP CARBONLESS Neenah, WI 800-558-5566

ORIGINAL – RETURN TO GENERATOR

Time 1047

Tck # 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-174
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19847	1	dump	44040	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.02 tons
Placement in Rhino Cell # ~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN L Gabel
Signature:
Month: 05 Day: 28 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Lines
Signature: Jim Lines
Month: 5 Day: 28 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rike
Signature:
Month: 5 Day: 28 Year: 03

Printed by J.J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-65 Rev. 12/98

Time 1058 Trk # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-099 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19848	1	dump	46800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6
23.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. [illegible] | Signature | Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera | Signature | Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera | Signature | Month 5 Day 28 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1120

Trk # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-201	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19849	1	dump	45060	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # FG

22.53 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darwin Gilbert		05	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Martinez		05	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	28	03

Nelson Wilson Printing

ORIGINAL – RETURN TO GENERATOR

NM-DPLS-05 Rev. 12/98

Time 1346

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-203
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19850	1	dump	42560	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.28 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN L STOKER
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Oman Tavarez
Signature:
Month 05 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: A Rivera
Signature:
Month 5 Day 28 Year 03

ORIGINAL – RETURN TO GENERATOR

NM 12-81-6-185 Rev. 12/99

Time 1346

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-202
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19838	1	dump	39840	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.92 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David St John
Signature:
Month: 05 Day: 28 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month: 5 Day: 28 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month: 5 Day: 28 Year: 03

Printed by Rite-Way Business Forms, Inc.
Nacogdoches, Texas

ORIGINAL – RETURN TO GENERATOR

EPA Form 8700-22 (Rev. 12/88)

Time 1348

TRK# 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. .N/A

Manifest Doc. No. .D-176

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19851	1	dump	41280	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.64 tons

Placement in Rhino Cell #~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Darlin C Gallow | Signature | Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Lines | Signature | Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rhino | Signature | Month 5 Day 28 Year 03

Printed on recycled paper

ORIGINAL – RETURN TO GENERATOR

NMED-BLS-03 Rev-12/98

Time 1348

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-175
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19852	1	dump	42050	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.05 tons
Placement in Rhino Cell #BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darwin Ortiz
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods
Signature: Charles E Woods
Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhys
Signature:
Month 5 Day 28 Year 03

Printed by Neenah Printing

ORIGINAL – RETURN TO GENERATOR

NFM 002 BLS-CS Rev. 12/98

Time 1352

TRK#08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-204
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19842	1	dump	42170	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
21.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DAVID L. SOLIS
Signature:
Month Day Year: 05 28 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month Day Year: 05 28 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month Day Year: 5 28 03

Printed by Triad Data
NonHaz/Vol Desig: 03

ORIGINAL – RETURN TO GENERATOR

12 Rev. 12/05

Time 1352

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-100
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19853	1	dump	37250	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.13 tons
Placement in Rhino Cell #~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K Holmquist
Signature:
Month 05 Day 28 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 28 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 5 Day 28 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1443

TRK# 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-205	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19857	1	dump	43610	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.81 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Marvin R Stalcup		05	28	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Martinez		05	28	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenni Rivera		5	28	03

Printed by JLG Transportation, Inc.

ORIGINAL – RETURN TO GENERATOR

JLG-BLS-CS Rev. 12/98

Time 0720

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-206
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19855	1	dump	44963	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
22.32 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] St. John
Signature
Month 05 Day 29 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Tenorio
Signature
Month 05 Day 29 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhino
Signature
Month 5 Day 29 Year 03

Printed by BUSINESS FORMS & SYSTEMS, INC.

ORIGINAL – RETURN TO GENERATOR

12-BUSINESS FORMS

Time 0725

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-177	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19858	1	dump	44,050	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

22.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARIN R STEVENS		05	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	5	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jesus Rivero		5	30	03

Printed by DATAMATIC BUSINESS FORMS, INC.

ORIGINAL – RETURN TO GENERATOR

Time 0730

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-207

2. Page 1 of 1

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19856	1	dump	40470	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.24 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David C Stahl | Signature | Month 05 | Day 29 | Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN MARTINEZ | Signature | Month 05 | Day 29 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 5 | Day 29 | Year 03

GENERATOR

TRANSPORTER

FACILITY

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-FLS-05 Rev. 12/98

Time 0730 TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-208 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19861	1	dump	43866 ~~22440~~	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.11 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: [illegible] | Signature | Month 05 Day 29 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez | Signature: Alfonso Bojorquez | Month 05 Day 29 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [illegible] | Signature | Month 5 Day 29 Year 03

Printed by WRI Graphics
Neenah, WI 54

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 0830

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-209	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19862	1	dump	51660	net
b. Scale Ticket				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

25.83 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]		05	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]		5	29	03

Printed by JJA TELEDATA SYSTEMS INC.
Normal Wisconsin

ORIGINAL – RETURN TO GENERATOR

NMED-RECEIVED

Time 1030

TRK #693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-210
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19860	1	dump	41650	net
b. Scale Ticket				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

20.83 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DAVID R. [illegible]
Signature:
Month 05 Day 29 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar Tarango
Signature:
Month 05 Day 29 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivas
Signature:
Month 5 Day 29 Year 03

Printed by [illegible]

ORIGINAL – RETURN TO GENERATOR

Time 1035

TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-178
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19863	1	dump	45,920	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.96 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: DARWIN R STAHL | Signature | Month 05 | Day 29 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 5 | Day 29 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 5 | Day 29 | Year 03

Printed by / Nashua, NH 03063

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 1145

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-211	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19864	1	dump	45100	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

22.55 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	05	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS	[signature]	5	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible] Rivera	[signature]	5	29	03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-DLS-005 Rev. 12/99

Time 1200

TRK #414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-213	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19859	1	dump	43120	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.56 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darrell A. Fisher		05	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		05	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		5	29	03

Printed by JJ Keller & Associates, Inc.

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1200

TRK #08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-212	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 198165	1	dump	35570	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

17.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	05	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	05	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera	[signature]	5	29	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NSN 7540-01-472-0988 OCR-2-PS-S-26 Rev 12/98

Time 1352

TRK#210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-179	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19868	1	dump	40770	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

20.39 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN R STAHL		10	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	10	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		10	29	03

ORIGINAL – RETURN TO GENERATOR

NMED SLS-C5 Rev. 12/98

Time 1352

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-214	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19867	1	dump	40000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

20.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are ~~not subject~~ to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	05	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Tovar	[signature]	05	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	5	29	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

time 1530

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-215
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19869	1	dump	41440	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

20.72 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] St [illegible]
Signature:
Month 05 Day 29 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 05 Day 29 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 5 Day 29 Year 03

Printed by Quick Nonhaz Manifest

ORIGINAL – RETURN TO GENERATOR

NM-BUS-05 Rev. 12/98

Time 1542

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-216
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19866	1	dump	38280	net
b. Scale Ticket				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.14 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible]
Signature: [signature]
Month 05 Day 29 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MALDINEZ
Signature: [signature]
Month 05 Day 29 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 5 Day 29 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

JJK 12-BLG-135 Rev. 12/98

Time 1645

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-217	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19870	1	dump	44940	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.47 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DAVID P. Pittard		05	29	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		5	29	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		5	29	03

Printed by U.S. REPRODUCTIONS, INC.
Nephart, Inc. Farmington, NM

ORIGINAL – RETURN TO GENERATOR

NM-BLS-C5 Rev. 12/98

Time: 0705

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-218
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19871	1	dump	48900	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.45 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] Signature: [signature] Month: 05 Day: 30 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS Signature: [signature] Month: 5 Day: 30 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible] Signature: [signature] Month: 5 Day: 30 Year: 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0710

TRK #08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-220
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19884	1	dump	40600	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.30 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible]
Signature:
Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 05 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Owen
Signature:
Month 5 Day 30 Year 03

Printed by [illegible]
Needles, CA 92363

ORIGINAL – RETURN TO GENERATOR

NM-BLS-05 Rev. 12/98

Time 0710

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-219	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19876	1.	dump	37970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

~~18.58~~ tons
18.99

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DANIEL C ORTEGA		05	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		05	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA		05	30	03

Printed by: STRECK
Neenah, WI 54957-0317

ORIGINAL – RETURN TO GENERATOR

42-BLS-GF Rev. 12/98

Tme 0725

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-180
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19872	1	dump	45,200	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.60 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible]
Signature:
Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods
Signature: C E Woods
Month 5 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: [illegible]
Signature:
Month 5 Day 30 Year 03

ORIGINAL – RETURN TO GENERATOR

12-RLS 66 Rev. 12/98

Time 0730

TRK #204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-181
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19873	1	dump	41,430	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.72 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DAVID A. SOLIS
Signature:
Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: STEVE KLUEG
Signature:
Month 05 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 05 Day 30 Year 03

Printed by: [illegible]
Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 0730

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-222	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19874	1	dump	39180	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

19.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David W 12 Stahl		05	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar Torres		05	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		5	30	03

Printed by [illegible]
Nextran Oil Recovery [illegible]

ORIGINAL – RETURN TO GENERATOR

[illegible] Rev. 10/98

Time 0900

TRK #5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-101
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31 ✓
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19879	1	dump	35480	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6

18.24 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Rivero
Signature:
Month 5 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivero
Signature:
Month 5 Day 30 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1055

TRK #415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-223
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino's DP-103I
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19880	1	dump	42360	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # G

21.18 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: DAVID SALAS | Signature | Month 05 | Day 30 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: TERRY NICHOLS | Signature | Month 5 | Day 30 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rhea | Signature | Month 5 | Day 30 | Year 03

Added by Lt. [illegible] Noonan, Wilson [illegible]

ORIGINAL – RETURN TO GENERATOR

[illegible] SLS-C5 Rev. 12/98

Time 1105

TRK #204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-183
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19882	1	dump	46,890	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.42 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David W. Ice Jr. Col USAF
Signature:
Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Steve Kidwell
Signature:
Month 05 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 05 Day 30 Year 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54956-0368

ORIGINAL – RETURN TO GENERATOR

Time 1105

TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-182
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19881	1	dump	44,580	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

22.29 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN R ST Laurent
Signature:
Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: CE Woods
Month 5 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 5 Day 30 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1115

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-224	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket	1	dump	41920	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.96 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARIN R SCHUL		05	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar Tovar		05	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rueda		5	30	03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED-BLS-C5 Rev. 12/98

Time 1130

TRK#08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-225
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19891	1	dump	42000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
21.12 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Donald R Schaller
Signature:
Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 05 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Tony Rivera
Signature:
Month 5 Day 30 Year 03

Printed by J. J. KELLER & ASSOCIATES, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NON-HAZ Rev. 12/96

TIME 1201 TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-226
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19888	1	dump	41640	net
b. Scale Ticket 19840				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
20.82 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrin C. St John
Signature:
Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 05 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 05 Day 30 Year 03

ORIGINAL – RETURN TO GENERATOR

Rev. 12/98

Time 1427

Trk# 683

Please print or type.
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-227
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19890	1	dump	40260	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.13 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darwin R Bolin
Signature:
Month Day Year: 05 30 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Tavarez
Signature:
Month Day Year: 05 30 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month Day Year: 05 30 03

Printed by J. KELLER & ASSOCIATES, INC.
Neenah, Wisconsin 54957

ORIGINAL – RETURN TO GENERATOR

TIME 1429 TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-228
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19889	1	dump	36860	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.43 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] Signature: [signature] Month 05 Day 30 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS Signature: [signature] Month 05 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera Signature: [signature] Month 05 Day 30 Year 03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED 42-BLS-CS Rev 12/98

Time 2:30

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-102	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19987	1	dump	34440	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.22 tons

Placement in Rhino Cell #~~8~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		5	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		5	30	03

ORIGINAL – RETURN TO GENERATOR

Time 3:00

Trk 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-184
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19885	1	dump	58750	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.38 tons
Placement in Rhino Cell # G

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David R Stahl
Signature:
Month 5 Day 30 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods
Signature: C E Woods
Month 5 Day 30 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 5 Day 30 Year 03

Printed by [illegible] Neenah, WI

ORIGINAL – RETURN TO GENERATOR

Time 3:00

TeK # 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-185	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19886	1	dump	39330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.67 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Andrew R Stoltz		05	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steve Kidwell		05	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Lenny Rivera		05	30	03

Printed by A-1 Reliable Business Forms, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1530

TRK #08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-229	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19875	1	dump	11.66	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.58 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darrin R Stehl		05	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	05	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Glenn Rivers		5	30	03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED-HWB-12 Rev. 12/98

TMR 720 TRK 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-117 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

~~POL Yard~~ FT-31
~~(Site 2/5 South)~~ Sabre Road

5. Transporter 1 Company Name: ~~Rhino Environmental~~ SLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-~~842-9911~~ 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19892	1	dump	46970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~B~~ 6
23.49 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 6 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M. | Signature: Hector M. | Month 6 Day 02 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct El Paso, Texas 79924
Line 5: Transporter name & ph # 6/9 Gath

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Romero | Signature | Month 6 Day 02 Year 03

Printed on Recycled Paper Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 720

Trk# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-124 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

EG ~~POL Yard~~ ~~(Site 2/5 South)~~ FT-31 SABRE ROAD

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~Rhino Environmental~~ SLG Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone 915-~~842-9911~~ 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19902	1	dump	42120	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~B~~ 6

21.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 06 Day 02 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Bojorquez | Signature: Alfonso Bojorquez | Month 06 Day 02 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ EG Norwood Crt, El Paso, Texas 79924
line 5: Transporter name & ph# 6/9 Earth

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 06 Day 02 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by KELLER FORMS, INC. Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

NFMS-2 (Rev. 12/88)

TIME 7:20 TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-230
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19893	1	dump	41.800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.90 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Richard R Tobin
Signature:
Month Day Year: 06 02 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar Tenorio
Signature: Omar Tenorio
Month Day Year: 06 02 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: Martin Alcala
Month Day Year: 06 02 03

ORIGINAL – RETURN TO GENERATOR

NMED WCB 2LS-CS Rev. 12/98

Time 7:30

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-123	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
~~POL Yard~~
~~(Site 2/5 South)~~ Sabre Road

4. Generator's Phone (505) 572-3931

TRANSPORTER

5. Transporter 1 Company Name ~~Rhino Environmental~~ SLG Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone 915-~~842-9911~~ 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

FACILITY

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19896	1	dump	16480	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.24 tons
Placement in Rhino Cell #~~B~~6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	02	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Martinez		06	02	05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ Norwood Ct, El Paso Texas 79924
Line 5: Transporter name & ph# 6/9 South

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		06	12	03

Printed by: Neenah, WI 920...

ORIGINAL – RETURN TO GENERATOR

...Rev. 12/98

Time 730

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-104	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ Gomez Trucking	N/A	915-~~842-9911~~ 821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19894	1	dump	42910	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.46 tons

Placement in Rhino Cell # B' 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmes		6	2	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		6	2	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

EG

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Crt, El Paso Texas 79924

Line 5: Transporter name & ph # 619 South

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	2	03

ORIGINAL – RETURN TO GENERATOR

7.40

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-103 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19895	1	dump	42810	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.41 tons
Placement in Rhino Cell #BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 6 | Day 02 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera | Signature | Month 6 | Day 02 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera | Signature | Month 6 | Day 2 | Year 03

ORIGINAL – RETURN TO GENERATOR

Time 0830

TRK #204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-186
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19898	1	dump	42710	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.36 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrell Stehr
Signature:
Month 06 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Ramsey
Signature:
Month 6 Day 2 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 06 Day 02 Year 03

Printed by J. Hughes Business Forms, Inc.
Albuquerque, NM

ORIGINAL – RETURN TO GENERATOR

NMED-HWB-C5 Rev. 12/98

TIME 1110

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-231	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19899	1	dump	46.250	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

23.13 Tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	06	02	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Danny Rivera		6	02	03

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1130

TRK #415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-232
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19900	1	dump	45740	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.97 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 10.2 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 6 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rinks
Signature:
Month 6 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 1200

TRK #204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-187
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19901	1	dump	48050	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

24.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Andrew R Ohlw
Signature:
Month 06 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Ramsey
Signature:
Month 6 Day 2 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 6 Day 02 Year 03

Printed by: [illegible]
Nexteer Automotive

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1205

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-233
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19908	1	dump	42580	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
21.29 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 06 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 02 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Ruen
Signature: [signature]
Month 06 Day 02 Year 03

Printed by: CARLTON-HOOD INCORPORATED
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1205

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-234	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19910	1	dump	40730	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.37 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Martinez		6	2	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	02	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1215

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-105 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19905	1	dump	42420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.21 tons
Placement in Rhino Cell # B/G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month 06 Day 02 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month 06 Day 2 Year 03

ORIGINAL – RETURN TO GENERATOR

TIME 1215

TRK #505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-106
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19904	1	dump	49100	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
with ticket 19904
Placement in Rhino Cell #BCa
GVW. 82 600
33 500
49 100
24.55 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holquist
Signature:
Month: 06 Day: 02 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL MALDONADO
Signature:
Month: 6 Day: 2 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month: 6 Day: 2 Year: 03

ORIGINAL – RETURN TO GENERATOR

TIME 1335

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-235
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19906	1	dump	43120	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
21.56 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 06 02 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Enriquez
Signature:
Month Day Year: 06 02 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Martin Alcala
Signature: MARTIN ALCALA
Month Day Year: 06 02 03

Printed by J.J. Keller, Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

12-BLS-[illegible] Rev. 12/98

RSC
FEK 751 time 1440

TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. JLG-236
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19907	1	dump	47700	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.85 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Helmquist	DKH	06	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M.	06	02	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rowe		6	02	03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NES Form 8700-22 (Rev. 12/88)

TIME 1550

TRK #08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-237	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19897	1	dump	40490	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

20.25 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	06	02	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		6	2	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C6 Rev. 12/98

Time 1600

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-238	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19903	1	dump	44060	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

22.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David K. Helmquist		06	02	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Martinez		6	02	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhoe		6	02	03

Printed by J. KEELER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NCR-BLS-05 Rev. 12/98

Time 1600

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-107 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19909	1	dump	41600	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.80 tons

Placement in Rhino Cell # BG

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivera | Signature | Month 6 Day 2 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 6 Day 2 Year 03

ORIGINAL – RETURN TO GENERATOR

TME 1624 TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-108 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19914	1.	dump	57480	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
90900
33500
57480 WT T.T# [redacted] 19914
28.70 tons
Placement in Rhino Cell # B9

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 02 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL MALDONADO | Signature | Month 06 Day 02 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 6 Day 2 Year 03

ORIGINAL – RETURN TO GENERATOR

Tmo 0722

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-241 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19917	1	dump	33350	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
16.68 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 Day 03 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M | Signature: Hector M | Month 10 Day 03 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 10 Day 03 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0722

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-242 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19918	1	dump	57220	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

28.61 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 03 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar Tarango | Signature | Month 06 Day 03 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month 06 Day 03 Year 03

ORIGINAL – RETURN TO GENERATOR

NMED SWB 12 BLS-05 Rev. 12/98

Time 0722

TRK# 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-239	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

	11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a.	Petroleum Impacted Soil Scale Ticket 19915	1	dump	32170	net
b.					
c.					
d.					

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
16.37 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		10	03	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		10	03	03

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12-03

Tims 0722

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-240
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19916	1	dump	30790	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
15.40 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 06 Day: 03 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month: 06 Day: 03 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Glenn Rivera
Signature:
Month: 06 Day: 30 Year: 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI

ORIGINAL – RETURN TO GENERATOR

NSN 7540-00-935-4034 12-BLS-0378 (v. 12/98)

Time 0736 TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-188	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19920	1.	dump	34.160	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.08 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Darrell Stilwell		06	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
C E Woods	Charles E Woods	6	3	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	3	03

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 0736

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-189	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19919	1	dump	31.290 net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16.15 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David R St John		06	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		6	3	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Kenny Rivers		6	3	03

Printed by Neenah Westcott

ORIGINAL – RETURN TO GENERATOR

12 Part 2 Rev. 12/98

0736

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-109	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19921	1	dump	34780	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.39 tons

Placement in Rhino Cell #~~B~~6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		6	03	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		6	03	03

ORIGINAL – RETURN TO GENERATOR

TIMY 0745

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-243
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19922	1	dump	35.97	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

17.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 03 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 6 Day 3 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 6 Day 3 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1115

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-191
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19923	1	dump	38560	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.43 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Drew E Lee		06	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		6	3	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	3	03

Printed by J. J. KELLER & ASSOCIATES, Inc. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

SAMPLES CS Rev 12/01

Time 1120

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-190
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19924	1	dump	33150	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
16.58 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARIN R O'Shea
Signature:
Month 06 Day 03 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: Charles E Woods
Month 6 Day 3 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 6 Day 3 Year 03

Printed by J. KELLER & ASSOCIATES, INC.
Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 (Rev. 12/98)

1:50

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-110	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19931	1	dump	43570	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.79 tons

Placement in Rhino Cell #~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		6	3	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	3	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	3	03

ORIGINAL – RETURN TO GENERATOR

Time ~~0722~~ CAM 1450

TRK #751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-244
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19929	1	dump	34940	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

17.47 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 03 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month 06 Day 03 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Romero
Signature:
Month 6 Day 3 Year 03

Printed by Quality Printing Co., Inc. Neenah, WI

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1500

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-245	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19930	1	dump	31080	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

15.54 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar Tarango		06	03	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	03	03

ORIGINAL – RETURN TO GENERATOR

72-ELS-CS Rev. 12/98

Time 0650

TRK# 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-111
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19956	1.	dump	48910	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
WO# 19928
Placement in Rhino Cell # 3E
24.36 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 06 Day: 04 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL MALDONADO
Signature: M. Maldonado
Month: 6 Day: 4 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month: 6 Day: 4 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 07:20

Tkt # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-247	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19935	1	dump	43230	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

21.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	04	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		04	4	03

ORIGINAL – RETURN TO GENERATOR

NM1213820526 NMED-HWB-SWMS-05 Rev. 12/98

Time 07:20 FAX # 4/4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-246	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19937	1	dump	43780	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
21.89 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
IVAN MARTINEZ		06	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Tony Rivera		6	4	03

ORIGINAL – RETURN TO GENERATOR

NMED 12-BLS-05 Rev. 12/98

Time 7:25

Tek # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-248	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19934	1	dump	45460	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

22.73 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Tamayo	Omar A Tamayo	06	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		06	04	03

Printed by J.J. KELLER Neenah, WI

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/96

Time 7:25

TRK # 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-249	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19937	1	dump	46900	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

23.45 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K Holmquist		10	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Hector M	Hector M	06	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Ryan		10	4	03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

JJK 124 CS Rev. 12/98

TIME 0745

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-192 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19938	1	dump	46,380	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.19 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN R STOKER | Signature | Month 06 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods | Signature: CE Woods | Month 06 Day 04 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month 06 Day 04 Year 03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 0746

Trk 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-193
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19939	1	dump	44320	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
22.16 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darwin R Gohlson
Signature:
Month 06 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Ramsey
Signature:
Month 06 Day 04 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Glenn Rivera
Signature:
Month 6 Day 4 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

FORM 8700-22 (Rev. 12-88)

Time 7:50

#5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-112	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19941	1.	dump	11.45 10	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.26 tons

Placement in Rhino Cell # 9

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		6	4	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		6	4	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		6	4	03

ORIGINAL – RETURN TO GENERATOR

Time 0809

TRK# 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-250	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19948	1	dump	49530	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24.77 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David K. Holmquist	David K. Holmquist	06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS	Jerry Nichols	6	4	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhino	Jerry Rhino	6	4	03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED-BLS-05Rev 12/98

Time 1030

TRK #257

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-252	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19946	1	dump	38760	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

19.38 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmes		06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	06	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		6	4	03

Printed by Intermountain Resource Systems, Inc.
Neenah, WI 888-730-8888

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 10:35

Ticket 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-251	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19947	1	dump	31.310	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

15.66 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar Lnarge		10	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		10	04	03

Printed by Permian Graphics

ORIGINAL – RETURN TO GENERATOR

NMED 2895 Rev. 10/98

Time 10:56 — TRK # 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-195 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19945	1	dump	41,840	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
20.92 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Edward R Stelly | Signature | Month 06 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmett Ramsey | Signature | Month 6 Day 4 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera | Signature | Month 6 Day 4 Year 03

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Neenah, WI 54957-0907

ORIGINAL – RETURN TO GENERATOR

12-FORM-05 Rev. 12/98

Time 10:55

Tek # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-194	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19944	1	dump	36,560	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

18.28 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN R St John		06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	6	4	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		06	4	03

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Neenah, WI 54956-2830

ORIGINAL – RETURN TO GENERATOR

Time 1120

Tek # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-253	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19951	1	dump	42360	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.18 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		06	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		6	4	03

Printed by J.J. KELLER & ASSOCIATES, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 11:20

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-254
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19950	1	dump	42820	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

21.41 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 04 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 06 Day 4 Year 03

Printed by NCR Corporation, Neenah, WI 54957-0245

ORIGINAL – RETURN TO GENERATOR

Rev. 12/98

Time. 1153 TRK# 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-113 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19928	1	dump	34060	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
WO.T No# 19956
Placement in Rhino Cell #BG
17.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL MALDONADO | Signature | Month 10 Day 4 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rinks | Signature | Month 10 Day 4 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1340

Tek # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-114	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ JLG Trucking	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19955	1	dump	37.20	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

18.71 tons

Placement in Rhino Cell # ~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M	06	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct. El Paso, Texas 79907

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Danny Rivas		6	4	03

ORIGINAL – RETURN TO GENERATOR

Time 13:40 TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-255	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19954	1	dump	45.230	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22,62 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Conda Tovar		06	04	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	4	03

Printed by J.J. Keller & Associates, Inc.

ORIGINAL – RETURN TO GENERATOR

NSN 7540-00-985-5035 JJK/C5 Rev. 12/96

Tme 1400

Tek 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-197 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19953	1	dump	43860	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

21.93 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darwin R Gibbs | Signature | Month 06 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Rumsey | Signature | Month 6 Day 4 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera | Signature | Month 6 Day 4 Year 03

Printed by Quality Neenah, WI

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 1400 — Tek 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-196
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19952	1	dump		net
b.			33,530	
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

21.77 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DAVID R ST JOHN
Signature:
Month 06 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: CE Woods
Month 6 Day 4 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 6 Day 4 Year 03

Printed by: [illegible]

ORIGINAL – RETURN TO GENERATOR

NM-5 12-BLS-05 Rev. 12/98

TIME 1414

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-198
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~DNJ Trucking~~ JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19942	1	dump	38570	net
b.			~~44470~~ ~~38570~~	
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.29 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARIN C STALEY
Signature:
Month Day Year: 06 04 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month Day Year: 06 04 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year: 6 04 03

Printed by
Neenah, WI 54957-0319

ORIGINAL – RETURN TO GENERATOR

3:40

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-200
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Dirt Trucking~~ Rhino Env
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~505-430-2455~~ 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19926	1	dump	42580	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.29 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David W. Le Sabre		6	4	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivas		6	4	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. ~~Box 603 La Luz, NM 88337~~ 200 Sunset Dr Suite D
El Paso TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivas		6	4	03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-EL-S105 REV. 12/98

Time 1646 TRK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-199 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~Dm Trucking~~ JLG Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19940	1	dump	36450	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.23 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name DARWIN R ST John | Signature | Month 06 Day 04 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Alfonso Bojorquez | Signature Alfonso Bojorquez | Month 06 Day 04 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Henry Rivera | Signature | Month 6 Day 4 Year 03

ORIGINAL – RETURN TO GENERATOR

NMED 12-BLS (Rev. 12/98)

TIME 1648 TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-116 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19943	1	dump	47970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
WEIGHT TICKET NO# 19943
Placement in Rhino Cell #3
23.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month Day Year: 06 04 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MIKE MALDONADO | Signature | Month Day Year: 06 04 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month Day Year: 6 4 03

ORIGINAL – RETURN TO GENERATOR

TMR 725 TAKT 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-170 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

~~POL Yard~~ PT 31
~~(Site 2/5 South)~~ Jabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19979	1	dump	41190	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~B~~ G

20.60 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	~~07~~ 05	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	06	05	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		06	05	03

Printed by: KEL
Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

12-BLS-C61 Rev. 12/96

TIME [redacted] 7:25

TRK# [redacted] 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-169
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

~~POL Yard~~ I-7-31
(~~Site 2/5 South~~) SABRE Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19959	1	dump	44170	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~B~~ G
22.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 06 Day 05 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 06 Day 5 Year 03

Printed by: J. KELLER, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NCS-12 BLS-C5 Rev. 12/98

TIME 7:30 TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: JLG-171 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

~~POL Yard~~ FT-31
(~~Site 2/5 South~~) Jabre Road

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19933	1	dump	40010	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.01 tons
Placement in Rhino Cell #~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		04	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar Tarango		06	05	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	5	03

Printed by: [illegible] Neenah, WI 54957-0319

ORIGINAL – RETURN TO GENERATOR

TIME 730 TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-201
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19936	1	dump		net
b.			42.000	
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.00
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: CE Woods
Month 06 Day 5 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 6 Day 5 Year 03

ORIGINAL – RETURN TO GENERATOR

1 MR 7:40

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-167
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

~~POL Yard~~ FT-31
(Site 2/5 South) SABRE ROAD

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19925	1	dump	43770	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~B~~6
21.89 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 06 16 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M.
Month Day Year: 06 16 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year: 6 5 03

Printed on Recycled Paper
Neenah, Wisconsin

ORIGINAL – RETURN TO GENERATOR

12-BLSIGS Rev. 12/98

Time 0753

TRK# 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. D-202

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19957	1	dump	42 660	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

21.33 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Halvorson | Signature | Month 10 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Rumsey | Signature | Month 10 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 10 Day 15 Year 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

J.J. KELLER BLS-C5 Rev. 12/98

8:25

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-203	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~DnJ Trucking~~ Rhino — 6. US EPA ID Number: N/A — A. Transporter's Phone: (915) 842-9911

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911 / 800-762-0241

FT-31
Sabre Road

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. ~~Petroleum Impacted Soil~~ Scale Ticket 19967	1	dump	42570	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

~~Non-Hazardous / Gasoline and Diesel Impacted~~

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.30 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 06 Day 15 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month 06 Day 15 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~P.O. Box 693, La Luz, NM 88337~~ 300 Sunset Dr. Suite D El Paso TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera — Signature — Month 06 Day 15 Year 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-165 Rev. 12/98

Time 8:30 Trk # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-204 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~DnJ Trucking~~ JLG Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone ~~505-430-2455~~ 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19960	1	dump	45940	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

22.97 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name JERRY NICHOLS | Signature | Month 6 Day 5 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~P.O. Box 693, La Luz, NM 88337~~ 5540 Norwood Crt, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rhino | Signature | Month 6 Day 5 Year 03

Printed by: [illegible] Neenah, WI 54957-0366

ORIGINAL – RETURN TO GENERATOR

12-ELSCG Rev. 12/98

Time 8:30 TRK# 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-147 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

~~POL Yard~~ ~~(Site 2/5 South)~~ PT-31 Dubbs Road EG

5. Transporter 1 Company Name ~~DnJ Trucking~~ Rhino's | 6. US EPA ID Number N/A | A. Transporter's Phone ~~505-430-2455~~ 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19970	1	dump	42650	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~B~~ C WT. NOT 19970 21.33 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	05	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL MALDONADO		6	5	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~P.O. Box 693, La Luz, NM 88337~~ EG ~~554~~ 200 SUNSET DR, SUITE D, EL PASO, TEXAS 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		6	5	03

ORIGINAL – RETURN TO GENERATOR

EL Form Rev. 12/98

Time 10:35

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-205
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~DnJ Trucking~~ JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~505-430-2455~~ 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19976	1	dump	37970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
18.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 06 05 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Omar A Tranyo
Signature:
Month Day Year: 06 05 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~P.O. Box 693, La Luz, NM 88337~~ EL 5540 Norwood Crt, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry River
Signature:
Month Day Year: 6 8 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NSN 7540-01-472-0988 JJK 12-BLS-CS Rev. 12/98

Time 10:35

Tkt# 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-128	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ EG JLG Trucking	N/A	~~915-842-9911~~ EG (915) 821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19974	1	dump	42.56	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # ~~B~~ 6

2/28 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	06	03	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ EG 5540 Norwood Crt, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		6	5	03

Printed by: LAKELAND FORMS, INC.
Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

Time 1115

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-129 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: ~~915-842-9911~~ (915) 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19973	1	dump	43/30	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.07 tons
Placement in Rhino Cell #~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: VAN MART, INC | Signature | Month 06 Day 05 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivas | Signature | Month 06 Day 15 Year 03

ORIGINAL – RETURN TO GENERATOR

NM-12 BLS 05 Rev. 12/98

TIMB-1125

TRASH 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-146
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

~~POL Yard~~ FT 31
(~~Site 2/5 South~~) Jabal Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19972	1	dump	43020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~B~~ G
21.51 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Ramsey
Signature:
Month 6 Day 5 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 6 Day 5 Year 03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED 2-BLS-C5 Rev. 12/98

Time 1128

TCK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-130 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: ~~915-842-9911~~ (915) 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19958	1	dump	44250	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.13 tons

Placement in Rhino Cell # ~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Bojorquez | Signature: Alfonso Bojorquez | Month 06 Day 05 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct, El Paso, Texas 79924

A

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rhino | Signature | Month 06 Day 5 Year 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 11:30 — TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-206	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19971	1	dump	44.020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

22.01 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	05	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	6	5	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	5	03

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 11:40

TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-131	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~Rhino Environmental~~ JLG Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone ~~915-842-9911~~ (915) 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19978	1	dump	44.370	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~B~~ 6

22.19 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS | Signature | Month 6 Day 5 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Crt, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature | Month 6 Day 5 Year 03

Printed by: [illegible]
Neenah, WI 54957-0[illegible]

ORIGINAL – RETURN TO GENERATOR

[illegible] 12 BLS 06 Rev 12/98

Time 1340 Ticket 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-133 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ JLL Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: ~~915-842-9911~~ (915) 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19975	1	dump	36000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell #~~B~~ 6 — 18.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Donan Tavarez | Signature | Month 06 Day 05 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line ~~5~~ 6 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Cut, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jeremy | Signature | Month 06 Day 05 Year 03

Printed by J. Keuffel, Neenah, WI 54957-0001

ORIGINAL – RETURN TO GENERATOR

Time 1340 TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-132 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name ~~Rhino Environmental~~ JLG Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone ~~915-842-9911~~ (915) 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19977	1	dump	40420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.21 tons
Placement in Rhino Cell # ~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 06 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name HECTOR M | Signature HECTOR M | Month 06 Day 05 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ EG 5540 Norwood Crt, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rivera | Signature | Month 6 Day 15 Year 03

Printed by [illegible] Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

TIME 1:30 TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-134 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ EG JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: ~~915-842-9911~~ (915) 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19966	1.	dump	37900	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.95 tons
Placement in Rhino Cell #~~B~~ G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holquist | Signature | Month: 06 Day: 05 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS | Signature | Month: 6 Day: 5 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
EG Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Crt. El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers | Signature | Month: 6 Day: 5 Year: 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TWB 340 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-207	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19965	1	dump	39,330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.67 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	04	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
C E Woods	C E Woods	6	5	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Ruben		6	5	03

Printed by Neeman Printing

ORIGINAL – RETURN TO GENERATOR

NMED Form 2-B1-3-05 Rev. 12/02

TIME 340 TRUCK #46

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-136
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: ~~Rhino Environmental~~ LLG TRUCKING
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ NM 8210471

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19964	1	dump	44860	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.43 tons
Placement in Rhino Cell # B

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 03 Year 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 06 Day 05 Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 8340 Norwood Cir, El Paso TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhea
Signature:
Month 6 Day 5 Year 05

Printed by: [illegible] Neenah, WI

ORIGINAL – RETURN TO GENERATOR

[illegible] 12-BL3-C5 Rev. 12/98

3:50

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-135	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ JLG Trucking	N/A	~~915-842-9911~~ (915) 821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19963	1	dump	42580 net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

21.29 tons

Placement in Rhino Cell # ~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	05	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	06	05	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhino		06	05	03

Printed by JJ Keller
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:15

TCR 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-140
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ 915 821 0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19999	1	dump	33770 ~~37870~~	net
b.			9.12	
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
16.89 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: [illegible] Rhino
Signature:
Month Day Year: ~~06~~ 06 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month Day Year: 06 06 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
5540 Norwood Ct El Paso TX 79924
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera
Signature:
Month Day Year: 6 6 03

Printed by: [illegible]
Neenah, WI 54957-0388

ORIGINAL – RETURN TO GENERATOR

Rev. 12/96

Time 7:15 — TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-141 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ TNG Trucking — 6. US EPA ID Number: N/A — A. Transporter's Phone: ~~915-842-9911~~ 7159210671

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico — 10. US EPA ID Number: N/A — C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20010	1	dump	42770	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # G — 21.39 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: DAVID R OTERO — Signature — Month 06 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Bojorquez — Signature — Month 06 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space: GW 5540 Norwood Ct, El Paso TX 79924 — Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Chris Rivera — Signature — Month 6 Day 6 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 730

Ref # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-208
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19985	1	dump	~~45,460~~	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.73 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month: 06 Day: 06 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: CE Woods
Month: 6 Day: 6 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month: 06 Day: 6 Year: 03

ORIGINAL – RETURN TO GENERATOR

3-10 Time 7:30

Tkt 69355028

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-127	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ TLG TRUCKING	N/A	~~915-842-9911~~ 915 821 0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19988	1	dump	40 52 0 ~~2026~~	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: 20.26 tons

Placement in Rhino Cell # ~~B~~ 6

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Omar A Tamez		06	06	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: 4t

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct El Paso TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Ed Harrison		06	06	03

ORIGINAL – RETURN TO GENERATOR

Time 730 TCK 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-138 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ TLG TRUCKING | 6. US EPA ID Number: N/A | A. Transporter's Phone: ~~915-842-9911~~ 9158210671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19989	1	dump	46110	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

23.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DAVID R S [illegible] | Signature | Month Day Year: 06 06 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR C | Signature: HECTOR C | Month Day Year: 06 06 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ct El Paso TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Ed Harrison | Signature | Month Day Year: 6 6 03

Nonhaz

ORIGINAL – RETURN TO GENERATOR

TLG DLS Co Rev 12/05

~~7:40~~ 7:35 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-137 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19996	1	dump	39660	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~B~~ 9
19.83 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holguin | Signature | Month 6 Day 6 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Rivera | Signature | Month 6 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month 6 Day 6 Year 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/88

TIME 8:00

TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-139
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ LLC Truckers
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ 915821 0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19994	1	dump	49070	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.54 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN ST [illegible]
Signature:
Month: 06 Day: 06 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month: 6 Day: 6 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
5540 Vorwood Cnt El Paso TX
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~
79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivas
Signature:
Month: 6 Day: 6 Year: 03

Printed by: [illegible] Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

[illegible] Rev. 12/98

Time 830

Ticket 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-209
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19990	1	dump	35270	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

17.64 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 06 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Lines
Signature: [signature]
Month 6 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature: [signature]
Month 6 Day 6 Year 03

ORIGINAL – RETURN TO GENERATOR

NM-2-BLS-C5 Rev. 12/98

TIME 1030 TRK # 707

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-142	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ ZLG Trucking	N/A	~~915-842-9911~~ 915 821 0277
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20001	1	dump	37740	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # G — 18.87 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN R ST LEWIS		06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M.	06	06	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: QTY 7540 NORWOOD CIR EL PASO TX 79924

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
E.M. Harrison		06	06	03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-SLS-C9 Rev. 12/98

Time 1030 Ticket 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-143	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ LLC Trucking	N/A	~~915-842-9911~~ 915 841-0471
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20003	1	dump	32920 ~~16.76~~ net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16.46 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David R Stubbs		06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Oman A Tenorio		06	06	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5544 Northwest Dr, El Paso, TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/~~Typed~~ Name	Signature	Month	Day	Year
Jerry Rivers		06	06	03

ORIGINAL – RETURN TO GENERATOR

TCEQ-10370 (Rev. 12/98)

TIME 1050 TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-148 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ LLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: ~~915-842-9911~~ 915 821 0621

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19983	1	dump	38420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.21 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN K STAHL | Signature | Month 06 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez | Signature | Month 06 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ctn Burton TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Glenn Rivera | Signature | Month 6 Day 6 Year 03

Printed by: KELLER FORMS
Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

TIME 1103 TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-147 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~Rhino Environmental~~ JL & G Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone ~~915-842-9911~~ 915 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19986	1	dump	39200	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.60 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name DAVID R ST JOHN | Signature | Month 06 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name JUAN MARTINEZ | Signature | Month 06 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
6540 Hawkins Ctr El Paso TX 79924
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Jerry Rhino | Signature | Month 6 Day 6 Year 03

ORIGINAL – RETURN TO GENERATOR

NM-2-EL-S-C5 Rev. 12/98

TIME 1105

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-210
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale ticket 19998	1	dump	36400	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

18.20 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Dal K. H	06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	06	06	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		06	06	03

Printed by Ritchie Graphics, Appleton, WI
Neenah, WI 54957-0350

ORIGINAL – RETURN TO GENERATOR

NMED-12-BLS-C5 Rev. 12/98

Time 11:25

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-149	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19984	1	dump	46710	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.36 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARIN R STRAHAN		06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	6	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	6	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:25

TRK #206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-211	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 19997	1	dump	39210	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.61 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	D K. H	06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Lines	Jim Lines	6	6	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Owens		6	6	03

Printed by Appleseed Printing Inc.
Neenah, WI 54956-0307

ORIGINAL – RETURN TO GENERATOR

TIME 12:50

TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-146 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ RMG Tewksbury | 6. US EPA ID Number: N/A | A. Transporter's Phone: ~~915-842-9911~~ 915 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19995	1	dump	47860	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # G

23.93 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: DAVID L ST GILBERT | Signature | Month 06 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS | Signature | Month 6 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space: 5540 Nonwood Ctn El Paso TX 79924

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rhino | Signature | Month 6 Day 6 Year 03

Printed by LEWIS PRINTING & ASSOCIATES, INC. Neenah, WI 54957-0367

ORIGINAL – RETURN TO GENERATOR

Time 13:30

Tck # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-145 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~Rhino Environmental~~ LHC Trucking | 6. US EPA ID Number N/A | A. Transporter's Phone ~~915-842-9911~~ 917 821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20011	1	dump	38.40	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.20 tons
Placement in Rhino Cell # G

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name DARIN R Stahl | Signature | Month 06 Day 06 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Omar A Tanori | Signature | Month 06 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space 5540 Woodrow Cir El Paso TX 79924
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month 06 Day 06 Year 03

Printed by: J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1335

Trk # 75C

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-144	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ LLC Trucking	N/A	~~915-842-9911~~ 915-831-0421
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20002	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

23.58 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN R STRAUB		06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M.	HECTOR M.	06	06	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

5540 Nomad Cir El Paso TX 79924

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
C.M. Harrison		6	6	03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NMP-ELS-C5 Rev. 12/98

Time 1345

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-150
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: ~~Rhino Environmental~~ JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ (915) 821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20000	1	dump	34880	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
17.44 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David R Stahl
Signature:
Month 06 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
5540 Norwood Ct, El Paso, Texas 79924
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 06 Day 06 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1421

RSC
TRK 415 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-151	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ JLB Trucking	N/A	~~915-842-9911~~ (915) 821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20008	1	dump	44046	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.42 tons

Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		06	06	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Crt, El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		06	06	03

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WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1411

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-212
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20009	1	dump	41,330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.67 tons
Placement in Rhino Cell # G

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 06 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods
Signature: C E Woods
Month 06 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month 6 Day 6 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Tim 0730 TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-152
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: ~~Rhino Environmental~~ JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20007	1	dump	34560	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
17.28 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Helmquist
Signature:
Month 06 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR MADRID
Signature: HECTOR MADRID
Month 06 Day 09 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 5540 Norwood Ctr El Paso, TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 06 Day 09 Year 03

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Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

Timc 0738 TRK#5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-153
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20021	1	dump	37270	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

18.64 tons

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Dal K. Holmquist
Month 06 Day 09 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month 6 Day 9 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 6 Day 9 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 0740

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-213	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20004	1	dump	41.70	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G

20.59 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	09	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	6	9	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivas		6	9	03

Printed by J.J. Keller & Associates, Inc.
Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

TIME 0754 TRK 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-214
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20017	1	dump	43340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

21.67 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 10 Day 9 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia
Signature: [signature]
Month 10 Day 9 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature: [signature]
Month 10 Day 9 Year 03

Printed by [illegible] Wisconsin

ORIGINAL – RETURN TO GENERATOR

NCR BLS-C5 Rev. 12/96

TIME 10:40 TRK # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-154 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20006	1	dump	37020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #6L 18.51

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 09 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL MACDONALD | Signature | Month 06 Day 09 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jeany Rivera | Signature | Month 6 Day 9 Year 03

Printed by J. K. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1105

TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-216
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20020	1	dump	39300	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #6L
19.65 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 06 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: CE Woods
Month 6 Day 9 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivas
Signature
Month 6 Day 9 Year 03

Printed by Business Forms Inc., Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

NMED-12-BLS-C5 Rev. 12/98

Time 1105

IRK # 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-215
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20019	1	dump	39.92	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #8 V
21.46 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmes
Signature: [signature]
Month 06 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia
Signature: [signature]
Month 06 Day 09 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivas
Signature: [signature]
Month 06 Day 09 Year 03

ORIGINAL – RETURN TO GENERATOR

NMED-C6 Rev. 12/98

Time 1110

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-256
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20018	001	Dump 1	dump 40/20 CT	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #01
20.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 10 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month 10 Day 9 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: M. Alcala
Month 6 Day 9 Year 03

Printed by J. J. KELLER
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1205

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-257
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20016		1.	34800 dump	Net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G
17.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 06 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 06 Day 09 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 06 Day 09 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

JJK BLS-05 Rev. 12/98

TIME 8:30 TRK#210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-217 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20005	1	dump	42880	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #8 L
21.44 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 | Day 07 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods | Signature: CE Woods | Month 6 | Day 19 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month 6 | Day 19 | Year 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1435

TRK# 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: ILG-258
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20023	00.1	Dump	42590 1 dump	NET
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 8 L
21.30 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	09	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	06	09	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ARLACH	M. Mach	6	11	03

Printed by [redacted] TES, INC. Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1535

TRK 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-218 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20022	1	dump	~~[illegible]~~ 44190	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~8~~ V

22.10 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrel K. Holmquist | Signature | Month 10 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia | Signature | Month 10 Day 9 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jeremy Rivers | Signature | Month 10 Day 9 Year 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 0715

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.:
2. Page 1: JLG-259 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20035			40650 1 dump	NET
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.33 tons
Placement in Rhino Cell #6L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 06 10 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M.
Signature: Hector M
Month Day Year: 06 10 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ACALA
Signature: M. Acala
Month Day Year: 6 10 03

Printed by [illegible]
Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 0725

TRK # 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1
N/A	D-2271	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20032	001	dump	42,350 1 dump	Net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #~~2~~ V

21.18 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	06	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		06	10	03

Printed by: KELLER Printing Service, Inc.
Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

NCR 6127 BLS/CE Rev. 12

Time 0725

TRK #215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-220
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20038	1	dump	41680	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 8L
20.84 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia
Signature:
Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivers
Signature:
Month 6 Day 10 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 0725

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-219 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20034	1	dump	40,490	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #GL
20.25 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature: DKH | Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods | Signature: C E Woods | Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhew | Signature | Month 6 Day 10 Year 03

Rhino Environmental Services, Inc.
Hobbs, New Mexico

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

TIME 0750

TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.:
2. Page 1 of 1: JLG-260 1

GENERATOR

3. Generator's Name and Mailing Address:
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20029	001	Dump	45770 ~~1 dump~~	NET
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell #8V

22.89 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature:
Month: 06 Day: 10 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS
Signature:
Month: 6 Day: 10 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero
Signature:
Month: 6 Day: 10 Year: 03

Printed by: [illegible]
Neenah, WI 54957-0338

ORIGINAL – RETURN TO GENERATOR

Time 0805

TRK #5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-155
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20028	1	dump	37030	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~G~~L
18.52 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: D K H
Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature:
Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 6 Day 10 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 820

Tck # 13

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-159 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~Rhino Environmental~~ Gomez And Gomez | 6. US EPA ID Number N/A | A. Transporter's Phone 505-361-6028 ~~915-842-9911~~

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20026	1	dump	40850	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # GL

20.43 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 06 Day 10 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Joe Markel | Signature Joe Markel | Month 6 Day 10 Year 03

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ EG 6028 Grandi Road Carlsbad NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jenny Lynn | Signature | Month 6 Day 10 Year 03

GENERATOR — TRANSPORTER — FACILITY

Approved by NMED
Revised 3/1/99

ORIGINAL – RETURN TO GENERATOR

NMED OCD Rev. 12/98

Time 820

Test # 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-161 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~Rhino Environmental~~ Gomez and Gomez | 6. US EPA ID Number N/A | A. Transporter's Phone ~~915-842-9911~~ 505-361-6028

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20046	1	dump	10000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G

20.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 10 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres GARCIA | Signature | Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ SG
6028 Grandi Road
Carlsbad NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gerry Rimes | Signature | Month 6 Day 10 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by [illegible]
Nashua, NH 03063-1986

ORIGINAL – RETURN TO GENERATOR

NRI-1 U.S. EPA Rev. 12/98

Time 8:30

TRK # 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-160
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ Gomez and Gomez
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ 505-361-6028

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20044	1	dump	39640	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6L
19.82 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcelo Mendoza
Signature:
Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
EE
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 6028 Grandi Road Carlsbad N.M. 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Danny Rivas
Signature:
Month 6 Day 10 Year 03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-DLS-C5 Rev. 12/98

Time 820

TR# 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-158 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ~~Rhino Environmental~~ Gomez And Gomez | 6. US EPA ID Number N/A | A. Transporter's Phone ~~915-842-9911~~ 505-361-6028

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20050	1	dump	38960	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.48 tons
Placement in Rhino Cell #~~8~~ 6L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 10 Day 6 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Nacho Benavides | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ EL 6028 Grandi Road Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Henry Rivera | Signature | Month 10 Day 6 Year 03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-BCS-CS Rev. 12/98

Time 8:30 Tek 1st 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-157
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ Gomez AND Gomez
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ 505.361-6028

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 19968	1	dump	36.94	Net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #GL 18.47 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K Holmquist
Signature: D K. H
Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ENRIQUE P GOMEZ
Signature: Enrique P Gomez
Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 6028 GRANDI ROAD CARLSBAD N.M. 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature
Month 6 Day 10 Year 03

Printed in U.S.A. Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

Rev. 12/93

Time 8:30

Ticket 04

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-156
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ Gomez and Gomez
6. US EPA ID Number: N/A
A. Transporter's Phone: ~~915-842-9911~~ 505-361-6028

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20027	1	dump	40,110	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #6L

20.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 10 Day 6 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Gomez
Signature: Alfonso Gomez
Month 10 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ EG 6028 Grandi Road Carlsbad, N.M. 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 10 Day 6 Year 03

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ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 0950

TRK#693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
N/A	JLG-261	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

	11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a.	Petroleum Impacted Soil Scale Ticket 20042	0.01	Dump	34320 1 dump	NET
b.					
c.					
d.					

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #6L

17.16 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	06	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gerry Rivera		6	10	03

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ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1030

TRK #751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. | 2. Page 1 of JLG-262 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20041	1	dump	~~38680~~ 1 dump	NET
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.34 tons
Placement in Rhino Cell # 9L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	06	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	6	10	03

ORIGINAL – RETURN TO GENERATOR

DLS-05 Rev. 12/98

Time 1115

TRK #216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1
N/A	D-222	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20040	001	Pay	41230 1 dump	NET
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #8L

20.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo		6	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rino		6	10	03

Printed by Laser Flex
Neenah, WI 54957

ORIGINAL – RETURN TO GENERATOR

Time 1120

TRK# 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-224 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 30060	001	Dump	42980 1 dump	NET
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.49 tons

Placement in Rhino Cell # 6 L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Isaac Garcia | Signature | Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 6 Day 10 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

J.J. KELLER® Rev. 12/98

Time 1120

TRK#210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1
N/A	D-223	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20049	001	DUMP	37940 1. dump.	NET
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

18.97 tons

Placement in Rhino Cell # 8 L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	6	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gerry Rivers		6	10	03

Printed Both Sides on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

12-BLS-C6 Rev. 12/98

TIME 1215

TRK #415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-263	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20037	1	dump	41110	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell #8V — 20.56 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		06	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		6	10	03

Form 5 Copy
Nonprint W 540 703

ORIGINAL – RETURN TO GENERATOR

EL Circ 5 Rev. 12/98

Time 1240

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-264
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20036	1	dump	34890	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # GL
17.45 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 6 Day 10 Year 03

Printed on Recycled Paper

ORIGINAL – RETURN TO GENERATOR

NMED SWB C5 Rev. 12/98

Time 1330

Tek 26-14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-002 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's BF-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911 / 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20043	1	dump	40680	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
20.34 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres GARCIA | Signature | Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month 06 Day 10 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1330 Ticket 04

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-001	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20047	1	dump	35.420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.71 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Gomez		6	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Rhino		06	10	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1330

TRIP J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-004
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20051	1	dump	40.30	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

20.18 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markel
Signature:
Month 6 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 6 Day 10 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1332 TEK 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-003 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20025	1	dump	41980	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
20.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Natho Benavides | Signature | Month 10 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhines | Signature | Month 10 Day 10 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1345

Tick # 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-005
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

	11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	Hydrocarbon Impacted Soil Scale Ticket 20045	1	dump	39920	net
b.					
c.					
d.					

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.96 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Enrique Gomez
Signature: Enrique Gomez
Month 6 Day 10 Year 3

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rhino
Signature:
Month 06 Day 10 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1350 Ticket 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: JLG-265 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20048	1	dump	37420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.71 tons
Placement in Rhino Cell # 6L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 06 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M | Signature: Hector M | Month 06 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: MARTIN ALCALA | Signature: M. Alcala | Month 6 Day 10 Year 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-CS-Rev. 12/98

[redacted] 1355 Tekt 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-006	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20024	1	dump	42860	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.43 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Marcelo Mendoza		6	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Powers		6	10	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1430

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1
N/A	D-225	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20039	1	DUMP	41.17 ~~T dump~~	NET
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.59 tons

Placement in Rhino Cell # 6 L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	6	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		06	10	03

Printed by: MILLER & ASSOCIATES, INC. Normal, IL 2[illegible]

ORIGINAL – RETURN TO GENERATOR

12-BLS-C6 Rev. 12/98

Time 1430

TRK # 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1
N/A	D-226 D-226	1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330

4. Generator's Phone ( ) 505 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20033	1	Dump	41910 ~~dump~~	Net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # 6L

20.96 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Isaac Garcia		06	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gene Rivera		06	10	03

Printed on recycled paper by Nashua/Wilsonart

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1440

TRK #216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-227 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20065			1 dump 40620	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6L

20.31 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	10	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	6	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Ruiz		6	10	03

Printed by J. Keller Business Forms, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 1540

TRK # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-266
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20059	1	dump	43180	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.59 tons
Placement in Rhino Cell # 8 L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 06 10 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month Day Year: 6 10 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Johnny Rivera
Signature:
Month Day Year: 6 10 03

ORIGINAL – RETURN TO GENERATOR

12-DLS-C6 Rev. 12/96

TIMP 1545

TRK#693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. JLG-267
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20058	1	dump	35110	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # ~~8~~ L
17.56 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature
Month 06 Day 10 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorqz
Month 06 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature
Month 06 Day 10 Year 03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

12-BLS-CS Rev. 12/98

Time 0655

TRK #15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-007
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20089	1	dump	48920	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
24.46 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marco Mendoza
Signature:
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 6 Day 11 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0700

TRK #J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-008
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20075	1	dump	36560	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

18.28 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markel
Signature: Joe Markel
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 6 Day 11 Year 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0705

TRK #11

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-009	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20105	1	dump	46990	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.50 Tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Nacho Benavides		06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhues		6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0710

TRK # 04

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-010
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20062	1	dump	~1,370	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

20.69 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Gomez
Signature: Alfonso Gomez
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Lewis
Signature:
Month 6 Day 11 Year 03

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ORIGINAL – RETURN TO GENERATOR

Time 0710

TRK #35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-012	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20055	1	dump	33,300	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

16.65 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		04	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Gomez	Henry Gomez	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0710

TRK # 14

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-011	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20091	1	dump	39.700	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

19.85 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andres GARCIA	Andres Garcia	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCARA	M. Alcara	6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

TIM 0715 946

TRK #215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. | 2. Page 1 of D-229 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20067		1	39840 dump	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 8 L
21.42 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs | Signature | Month 06 Day 11 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia | Signature | Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Romo | Signature | Month 6 Day 11 Year 03

GENERATOR — TRANSPORTER — FACILITY

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0715

TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-230
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 200666	1	dump	32300	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # G-L
16.15 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rios		6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIMY 0715

TRK # 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
N/A	D-228	1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20064			40 750 1 dump	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.38 tons

Placement in Rhino Cell # ~~8~~ L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		06	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0715

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-268
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20063	1	dump	34120	ne
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #6L
17.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month Day Year: 06 11 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month Day Year: 06 11 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: M. Alcala
Month Day Year: 06 11 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0720

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-269	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20070	1	dump	38380	ne
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # ~~8~~ L

19.19 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry		06	11	03

Printed by Uhl Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

TIME 0725

TRK# 8

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-271
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20103	1	dump	36090	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~6~~ L
18.05 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month: 06 Day: 11 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel E Bejarano
Signature: Manuel E Bejarano
Month: 06 Day: 11 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month: 6 Day: 11 Year: 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0725

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-270
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20068	1	dump	35470	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 8 or 4
17.74 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		10 6	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		10 6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rios		10	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 0750

TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-272
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20071	1	dump	44000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6 L
22.33 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 6 Day 11 Year 03

Printed by J.J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:35

Truck 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-013
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20087	1.	dump	42410	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
21.21 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Nacho Benavides
Signature:
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 6 Day 11 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1036

Trk # 15

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-014	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20057	1	dump	41.04	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

20.52 Tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfredo Mendoza	Alfredo Mendoza	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ACALA	M. Acala	6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:45

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-273	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20074	1	dump	37700	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # GL

18.85 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ACOSTA		6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:49

Tkt # J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-015
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20090	1	dump	48690	et
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

24.35 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Market
Signature:
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALEALA
Signature:
Month 6 Day 11 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:55 Trk# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-162
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20092	1	dump	40180	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 6 L
20.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Hallquist
Signature:
Month 06 Day 11 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 6 Day 11 Year 03

GENERATOR
TRANSPORTER
FACILITY

Printed by: ESTACE
Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 11:15

Tek # 35

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-016	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20079	1	dump	38426	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.21 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Gomez	Henry Gomez	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		06	11	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:15

Tel # 14

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-017	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20077	1	dump	37780	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

18.89 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Dan Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andres GARCIA	Andres Garcia	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ACACA		6	11	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:18

TRK #4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-018	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20080	1	dump	42,530	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.27 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	1	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Gomez	Alfonso Gomez	10	1	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Tony Rivera		10	1	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:20

TRK # 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-274	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20078	1	dump	34450	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~G~~ L

17.23 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo		6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		06	11	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1125

Trk # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-276
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20081	1	dump	32380	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

16.19 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature: [signature]
Month 06 Day 11 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1135

Ticket 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-277
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 30082	1	dump	40690	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
20.35 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 06 Day 11 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:40 (1128)

Ticket 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-231	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20102	1	dump	42690	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # G L

21.35 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Isaac Garcia		6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gene Rivas		6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1140

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-232
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20083	1	dump	41260	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.63 tons
Placement in Rhino Cell # 8 L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: CE Woods
Month 6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 6 Day 11 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1150

Tek # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-278
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20085	1	dump	39260	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

19.63 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 10 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 10 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 10 Day 11 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:52

Tkt 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-279	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20069	1	dump	33140	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

16.57 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Dal K Hl	06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel Edmundo Bejarano	Manuel E Bejarano	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
E. M. Harrison	E M Harrison	6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1325

TRK #11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-019 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20054	1	dump	39220	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

19.61 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nacho Benavides | Signature | Month 06 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 6 Day 11 Year 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1335

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-280.

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20088	1	dump	43930	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

21.97 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist

Signature:

Month 10.6 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: HECTOR M

Signature: HECTOR M

Month 10.6 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: MARTIN ALCALA

Signature: Mart Alcal

Month 10.6 Day 11 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1357

TRK #15

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-020 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20073	1	dump	36 100	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

18.05 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcel Meadows-A | Signature | Month 06 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA | Signature | Month 06 Day 11 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1405

TRK #14

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-022	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20061	1	dump	41230	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

20.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andres Garcia	Andres Garcia	6	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ACUNA		6	11	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1405

TRK # J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-021	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20056	1	dump	37750	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

18.88 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joe Marko	Joe Marko	06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ACACIA	M. Acacia	06	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIM 1410

TRK#5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-163
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20076	1	dump	38330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
19.17 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 10 Day 11 Year 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month 10 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 10 Day 11 Year 03

GENERATOR
TRANSPORTER
FACILITY

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1425

TRK # 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-023	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20100	1	dump	38.750	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

19.38 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Gomez	Henry Gomez	06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rios		06	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1428

TRK # 4

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-024	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20099	1	dump	41,750	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

20.88 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Halmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Gomez	Alfonso Gomez	06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		06	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TRK#693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-281	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20102	1	dump	37.070	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

18.54 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bejarquez	Alfonso Bejarquez	06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rios		06	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1435

TRK # 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-232 A Earth
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20098	1	dump	40640	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell # 2L
20.32 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 10 Day 6 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature:
Month 10 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 10 Day 11 Year 03

ORIGINAL – RETURN TO GENERATOR

NM-OCD-C5 Rev. 12/98

Time 1445

TRK #415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-282
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 30097	1	dump	42480	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
21.24 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 06 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 06 Day 11 Year 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1450

TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-233
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20096			dump 38340	n
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.17 tons
Placement in Rhino Cell #8L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		10	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	10	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rowe		6	11	03

Printed by J. J. Keller, Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 1525

TRK#08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-284
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20086	1	dump	37620	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
18.81 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel Edmundo Bejarano	Manuel E Bejarano	06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
E. M. Harrison		6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1530

TRK #414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-283	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil Scale Ticket 20104	1	dump	40840	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.42 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Kenny Lowe		6	11	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1620

TRK 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-025	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil Scale Ticket 20072	1	dump	37340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

18.67 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holquist		06	11	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Mario Benavides	Mario Benavides	06	11	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rowe		6	11	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0625

TRK # 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-026	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20137	1	dump	45360	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

22.68 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Marcelo Mendoza		06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		06	12	03

Time 0630

TRK # 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-027
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20115	1	dump	38000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
19.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres GARCIA
Signature: Andres Garcia
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: A
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 06 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 6:45

Tk # 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-235
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20117		1	38,900 dump	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #6L

19.45 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	12	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	6	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivas		6	12	03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Step Rev

Time 7:00

TRK 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-285	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20114	1	dump	45150	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

22.58 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	D K. H	06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M	06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	12	03

Printed by: [illegible] Nashville, TN 615-[illegible]

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 7:00

Tech J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-028 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20113	1	dump	43180	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.59 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markel | Signature | Month 6 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rhea | Signature | Month 6 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

Time 7:00 TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-286 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 2012	1	dump	49830	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

21.92 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez | Signature: Alfonso Bojorquez | Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature | Month 06 Day 12 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:05

Trk # 4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-029
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20109	1	dump	41.80	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

20.90 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 10 Day 6 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Gomez
Signature:
Month 6 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 6 Day 12 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:05

TR# 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-030	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20110	1	dump	42110	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

21.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Gomez	Henry Gomez	6	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Ruiz	Jerry Ruiz	6	12	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:08

TCE 4/4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-287 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20145	1	dump	27.100	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

13.55 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10.6 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ | Signature | Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 6 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NON-HAZ. to BLST CS Rev. 12/98

Time 7:09 Tech 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-288 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 2047	1	dump	36960	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

18.48 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 6 | Day 12 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel Edmundo Bojorquez | Signature: Manuel E Bojorquez | Month 6 | Day 12 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 6 | Day 12 | Year 03

Printed by Uni-Graphics, Inc., Neenah, WI 54957-0966

ORIGINAL – RETURN TO GENERATOR

Time 7:25

TRK# 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-236 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 210	1	dump		net
b.				
c.			42,620	
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

21.31 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmes | Signature | Month 06 | Day 12 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods | Signature: C E Woods | Month 6 | Day 12 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature | Month 12 | Day 12 | Year 03

Printed by Business Forms & Labels, Inc. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NCR-2 BL-S-05 Rev. 12/98

Time 7:35

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-164
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20106	1	dump	41200	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell # L

20.60 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature:
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 06 Day 12 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 7:35/900

Ticket 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-237
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 215	1	dump	45280	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

22.64 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day ~~05~~ 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia
Signature:
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rios
Signature:
Month 06 Day 12 Year 03

Printed by LA RUEDA CASTOLAC, INC. Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 7:45 Jerry 4:45

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-289	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20107	1	dump	46210	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

23.11 Tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		6	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivas		6	12	03

Printed by: [illegible] Neenah, WI 54957-0388

ORIGINAL – RETURN TO GENERATOR

Time 8:30

Trk # 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-031 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20125	1	dump	42170	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

21.09 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holm | Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nacho Benavides | Signature: Nacho Benavides | Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Knus | Signature | Month 6 Day 12 Year 03

Printed by E. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1015

TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. D-238
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A.
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20120	1	dump	net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

19.08 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: Charles E Woods
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 06 Day 12 Year 03

Printed by J. D'KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1020 11:51

TRK#215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-239	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20121	1	dump	49590	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

24.80 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Isaac Garcia		06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Glenn Ross		06	12	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1035

TRK #751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-290
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 19993	1	dump	47170	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

23.59 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 6 Day 12 Year 03

Provided by: [illegible] ASSOCIATES, INC.
Nashua, [illegible]

ORIGINAL – RETURN TO GENERATOR

NM-12-BLS-C5 Rev. 12/98

Timp 1040

TRK#15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-032
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20122	1	dump	1339 Q net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
21.70 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcelo Mendoza
Signature:
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Kuo
Signature:
Month 06 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Timp 1040

TRK #14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-033
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20123	1	dump	46140	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
23.07 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres Garcia
Signature: Andres Garcia
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rus
Signature:
Month 06 Day 12 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1055

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-291
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20140	1	dump	35500	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
17.75 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: DKH
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature
Month 6 Day 12 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1100

TRK # J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-034 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20124	1.	dump	47.00.	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

23.55 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markel | Signature | Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month 06 Day 12 Year 03

Printed by: KELLER & ASSOCIATES, INC. Hobbs, NM 575-392-2236

ORIGINAL – RETURN TO GENERATOR

NM-12-BLS-C5 Rev. 12/98

Time 1105

TRK# 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-036
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20138	1	dump	39230	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

19.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: NACHO Benavides
Signature:
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6026 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rhino
Signature:
Month 6 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NON-HAZ 12 DLS 05 Rev. 12/98

Time 1105

TRK #35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-035
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address:
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20126	1	dump	40920	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell # L

20,46 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 10.6 Day: 12 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HENRY GOMEZ
Signature:
Month: 10.6 Day: 12 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: . Day: . Year: .

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month: 10 Day: 12 Year: 03

Time 1105

TRK #4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. .N/A . . . . . | Manifest Doc. No. .G-037 . | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 2028	1	dump	42.92	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.46 Tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Gomez | Signature | Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 06 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1110

TRK #216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. D-240
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20127	1	dump	45,990	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

23.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature:
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivas
Signature:
Month 6 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1110

TRK#415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. JLG-292
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20129	1	dump	45190	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
22.60 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 06 Day 12 Year 03

Printed by J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1115

TRK #414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-293
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20111	1	dump	40740	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
20.37 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhino
Signature:
Month 6 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1137

TRK# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-165
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address:
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20131	1	dump	33120	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
21.79 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MIKE MACDONALD
Signature:
Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jesus Rivera
Signature:
Month 06 Day 12 Year 03

Instructions: KELLER ENVIRONMENTAL, INC. Neenah, WI 54957-0265

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1200

TRK# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-294	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20108	1	dump	34960	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

17.48 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel Edmundo Bejarano	Manuel E Bejarano	06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		Volo		03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time

TCR # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-241	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20134	1	dump	42,400	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.23 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		06	12	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1315/1300

TCK # 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-242	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20135	1	dump	46450	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

23.23 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Isaac Garcia		6	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Lucero		6	12	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1330

TRK# 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-295	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20136	1	dump	47.00	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

22.35 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR	HECTOR M	06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rinno		6	12	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1335 Ref # 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-038. | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A.
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20118	1	dump	38.730	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
19.37 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcos Mendoza | Signature | Month 06 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Romero | Signature | Month 06 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1345

Tel # 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-040	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20139	1	dump	39480	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.74 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andres GARCIA	Andres Garcia	06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhino		6	12	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1345 Ticket # 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: G-039 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20119	1	dump	46800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell # L

23.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmgust | Signature: [signature] | Month 10 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Nacho Banuelos | Signature: [signature] | Month 10 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Month Day Year

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers | Signature: [signature] | Month 10 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1355

TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-296	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 2016	1	dump	44/60	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

22.08 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	6	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Gary Romo		6	12	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1410

TRC 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-041
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20144	1	dump	34250	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
17.13 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry J Gomez	Henry Gomez	06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6026 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rm		06	12	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1410

Test # J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-042	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20143	1	dump	35970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

17.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joe Markel	Joe Markel	6	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		6	12	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1420

Tek# EG 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. .N/A . . . . . | Manifest Doc. No. .JLG-297. | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20142	1	dump	38290	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.15 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS | Signature | Month 6 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Ross | Signature | Month 6 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1440

Trk # 2/14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-298	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20130	1	dump	43500	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

21.75 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	12	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1300

Tel 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-243
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20146	1	dump	37,330	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.67 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Reviza	Roberto Reviza	6	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rinker		6	12	03

Printed by: SU-KELLER & ASSOCIATES, INC.
Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

Time 1510

Ticket 4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-043	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20148	1	dump	43.380	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

21.69 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Gomez	Alfonso Gomez	06	12	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rowe		6	12	07

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1510

Tel 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-299 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20132	1	dump	33410	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

16.71 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel Edmundo Bejarano | Signature: Manuel E Bejarano | Month 6 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry River | Signature | Month 6 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1545 Ticket 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-166 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20149	1	dump	35450	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.73 tons

Placement in Rhino Cell # L Ticket 20149

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL MALDONADO	M. Maldonado	6	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		6	13	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 16:40 TCK # 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-044	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20150	1	dump	43390	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.12 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
NACHO BENAVIDES		06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		6	12	03

Printed by: KELLEY ASSOCIATES, INC.
Neenah, Wisconsin

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 0615 TRK # 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-045 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20151	1	dump	48000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
23.75 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARIO Mendoza
Signature: [signature]
Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: [signature]
Month 06 Day 13 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 06:35

TRK# 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-244
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20190	1	dump	46650	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.33 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 13 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature: Robert Trevizo
Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Romo
Signature:
Month 06 Day 13 Year 03

GENERATOR / TRANSPORTER / FACILITY

Printed by: LIL KELLER & ASSOCIATES, INC.
Neenah, Wisconsin 54956

ORIGINAL – RETURN TO GENERATOR

Time 0645

TICK# 683

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-300.	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20152	1	dump	45540	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

22.77 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel R. Holmquist		06	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	06	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		6	13	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0650

Truck 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-046. | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20153	1	dump	46240	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

22.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres Garcia | Signature: Andres Garcia | Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers | Signature | Month 6 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0650

Tkt # 4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-047	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20157	1	dump	42.800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.40 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Gomez	Alfonso Gomez	06	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		06	13	03

Printed by T. J. KELLER & ASSOCIATES, INC.
Nacogdoches, TX 75965 (936) 560-3560

ORIGINAL – RETURN TO GENERATOR

Time 0700

TRK # 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-049 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20172	1	dump	43395	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
21.70 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Gomez | Signature | Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA | Signature | Month 06 Day 13 Year 03

Printed by: KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

12-BLS-Orig-Rev 3/2/00

Time 0200

TP # J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-048	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20154	1	dump	47000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.50 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joe Marko	Joe Marko	6	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	06	13	03

Printed by: LASER ASSOCIATES, INC. Neenah, WI

ORIGINAL – RETURN TO GENERATOR

12-BLM-C5 Rev. 1-98

Tme 0705

TCR # 757

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-301
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20156	1	dump	42370	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
21.19 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M
Signature: Hector M
Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez
Signature:
Month 6 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Tme0705

TRP 4/15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-302
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20159	1	dump	43530	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

21.77 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 10 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS
Signature:
Month 10 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 10 Day 13 Year 03

Printed by KELLEE & ASSOCIATES, INC.
Austin, Texas 78758

ORIGINAL – RETURN TO GENERATOR

12-BLS-03 Rev. 12/98

Time 0720

Tkt # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-304	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20191	1	dump	36,340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

18.17 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel C. Holmquist | Signature | Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ | Signature | Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Fernandez | Signature | Month 06 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-303	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20174	1	dump	37390	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # L — 18.70 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel Edmundo Bejarano	Manuel E Bejarano	10	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		10	13	03

Printed by: KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

NMBLS-OCD-[illegible]

Time 0230/945

Ref # 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-245 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20180	1	dump	36590	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.30 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia | Signature | Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez | Signature | Month 6 Day 13 Year 03

Time 0730

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-246 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20161	1.	dump	42,490	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

21.25 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: C E Woods | Signature: C E Woods | Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: JOSE FERNANDEZ | Signature | Month 6 Day 13 Year 03

Printed by: TANKNER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

NM-12-BLS-C5 Rev. 12/01

Time 0735

Ticket 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. R-167

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20188	1	dump	45096	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.55 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivera — Signature — Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera — Signature — Month 06 Day 13 Year 03

Printed by J. D. Neeley & Associates, Inc.
Neeley (915) 697-0368

ORIGINAL – RETURN TO GENERATOR

TIMM 840

TRK # 305

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-168.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20165	1	dump	42100	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.05 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: MICHAEL MALDONADO
Signature:
Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Fernandez
Signature:
Month 06 Day 13 Year 03

Printed by: [illegible] ENVIRONMENTAL ASSOCIATES, INC.
[illegible]

ORIGINAL – RETURN TO GENERATOR

[illegible]

TIME 8 40

TK # 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-050
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20164	1	dump	45970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

22.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Nacho Benavides
Signature:
Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez
Signature:
Month 6 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 930 TRK 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-247
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20189	1	dump	46250	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
23.13 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature: Roberto Trevizo
Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera
Signature:
Month 06 Day 13 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1030

Trk # 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-051	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20167	1	dump	49020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24.51 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Marcelo Mendoza		06	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCANTAR		06	13	03

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PRINTED ON RECYCLED PAPER

ORIGINAL – RETURN TO GENERATOR

12 BLC

Time 1035

Tek 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-305
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20168	1	dump	44380	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

22.19 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 10 Day: 13 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HECTOR M
Signature: HECTOR M
Month: 10 Day: 13 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez
Signature:
Month: 10 Day: 13 Year: 03

PRINTED BY KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

Time 1040

Trk # 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-052	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20166	1	dump	41950	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

20.98 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andres GARCIA	Andres Garcia	06	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	13	03

[illegible] ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

[illegible]

Time 1045 TRK # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-306	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20169	1	dump	34220	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

17.11 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	06	13	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		6	13	03

Printed by THE KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0309

ORIGINAL – RETURN TO GENERATOR

TMW 10155

TRK J3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-053
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20171	1	dump	47340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.67 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Mark
Signature: Joe Mark
Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: [signature]
Month 06 Day 13 Year 03

PRINTED BY KELLEY ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

TIME 11:00 THK 411

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-307 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20170	1	dump	43280	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
21.64 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS | Signature | Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month 6 Day 13 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

TIME 11:05 TRK# 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-054	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20155	1	dump	46725	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

23.36 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	DKL	6	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Gomez	Henry Gomez	6	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 3 Address: 0028 Grant Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	06	13	03

Printed by: KELLEY'S ASSOCIATES, INC.
Nevada WEB057-0960

ORIGINAL – RETURN TO GENERATOR

12-BLS-CS-FC 12/99

TIMER 11 15

TRK 4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-055	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20173	1	dump	41.910	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

20.96 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Gomez		06	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		6	13	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12 BLS GS Rev. 12/00

TIME 11:20 TAK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-308 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20158	1	dump	38930	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.47 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel Edmundo Bejarano | Signature: Manuel E Bejarano | Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez | Signature | Month 6 Day 13 Year 03

Printed by [illegible] ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

TMR - 11:20 TMR 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-309.	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20184	1	dump	34030	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.02 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		06	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		06	13	03

ORIGINAL – RETURN TO GENERATOR

Time 11:45

Trk # 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-056	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20175	1	dump	45390	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.70 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		12	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Nacho Benavides				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		12	13	03

TIME 11:30 TRK 3502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-169.	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20176	1	dump	42760	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.38 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		6	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		6	13	03

Printed on Recycled Paper by Nelson Manifest Forms

ORIGINAL – RETURN TO GENERATOR

NEI-2 EL PASO (REV. 1/96)

TIME 11:50

TRK # 502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-170
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20179	1	dump	39540	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.77 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL MACDONALD
Signature:
Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez
Signature:
Month 6 Day 13 Year 03

ORIGINAL – RETURN TO GENERATOR

1220 Tk 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-249 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20178	1	dump	37470	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

18.74 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 6 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods | Signature: C E Woods | Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: JOSE FERNANDEZ | Signature | Month 6 Day 13 Year 02

TRIUMVIRATE ENVIRONMENTAL
Triplicate - TRUCKER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

12-25 | 215 |

TNK 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. D-248
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20162	1	dump	41380	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.69 tons
Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 09 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia
Signature:
Month 6 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez
Signature:
Month 6 Day 13 Year 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev

Time 1415

Ticket 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-310
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20141	1	dump	42,030	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
21.02 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M
Signature: Hector M
Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: JOSE FERNANDEZ
Signature: [signature]
Month 6 Day 13 Year 03

Printed by KELLER & ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

Time 1420

Ticket # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-311 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20 182	1	dump	40910	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # L

20.46 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY NICHOLS | Signature | Month 10 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 10 Day 13 Year 03

...ASSOCIATES, INC.

ORIGINAL – RETURN TO GENERATOR

Time 1430

TRK-693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-312 | 2. Page 1 of 1

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20183	1	dump	32680	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16.34 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 13 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Bojorquez | Signature | Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Fernandez | Signature | Month 6 Day 13 Year 03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Time 1440

TRK # 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-313
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20160	1	dump	37970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L
18.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN MARTINEZ
Signature:
Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez
Signature:
Month 6 Day 13 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1500

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-171	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20185	1	dump	39910	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

19.96 tons

Placement in Rhino Cell # L

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	13	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael MALDONADO		10	13	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		10	13	03

ORIGINAL – RETURN TO GENERATOR

Time 1500

TRK # 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-172
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20186	1	dump	43300	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # L

21.65 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month 06 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 06 Day 13 Year 03

Printed by: UNIFORM FORMS & GRAPHICS, INC.
Neenah WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-CS

re 0700

TRK# 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: R-173
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20187	1	dump	45060	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # XL
22.53 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MICHAEL MALDONADO
Signature: M. Maldonado
Month 6 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 6 Day 16 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0710

Tek # 4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-057 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20209	1	dump	4.254.0	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impac

Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

Could not tell if 5 Should be 9 or 0
Thanks
Rebecca

21.27 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel Kittelmeyer Signature: [signature] Month 10 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Gomez Signature: Alfonso Gomez Month 10 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez Signature: [signature] Month 10 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

NMED-SWB-KELLER
Keller, TX 76244-3955

NMED-SLS-05 Rev. 12/99

Time 0710 Trk # 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-314 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20194	1	dump	50130	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #1 N
25.07 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS | Signature | Month 10 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera | Signature | Month 10 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 0720

TCK 623

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-315
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20198	1	dump	39200	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N
19.60 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 06 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 0730

Tkt # J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-059 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20199	1	dump	42150	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

21.08 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markee | Signature | Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez | Signature | Month 06 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

NMED-HWB-65 Rev. 12/96

Time 0720

Tel# 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-058	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20197	1	dump	44065	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # 1 N

22.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Genaro Gomez	Henry Gomez	6	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ACALA	M. Acala	06	16	03

ORIGINAL – RETURN TO GENERATOR

Time 0725

TRK # 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-250	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 210	1	dump	42,500	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # X N

21.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	10	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	10	16	03

ORIGINAL – RETURN TO GENERATOR

NMED CS Rev 2/98

Time 0725

TR# 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-251	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20195	1	dump	48070	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # ~~1~~ N

24.04 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	6	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	16	03

ORIGINAL – RETURN TO GENERATOR

NMED/HWB/SWS-05 Rev. 12/00

Time 0728

Trk # 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-252	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20196	1	dump	38670	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # 1 N

19.34 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Lines		6	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jeremy Rivera		6	16	03

ORIGINAL – RETURN TO GENERATOR

TRK #14

Time 0730

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-060
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20201	1	dump	42610	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

21.31 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres Garcia
Signature: Andres Garcia
Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: M. Alcala
Month 06 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 0730

TRK #11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-061
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20202	1	dump	44020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N
22.01 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrel K. Holmquist
Signature:
Month 10 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Natividad Garcia
Signature: Natividad Garcia
Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: M. Alcala
Month 06 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

7:50

5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-174	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 5502	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #6N

21.65 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		6	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		6	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		6	16	03

ORIGINAL – RETURN TO GENERATOR

NMED-GCEB Rev. 4/96

Time 1020

TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-253
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20203	1	dump	40,770	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.39 tons
Placement in Rhino Cell #~~1~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K Holmquist
Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: CE Woods
Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: M. Alcala
Month 06 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

NMED-SWB-CS Rev. 12/98

TIME 1050

TRK# 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-254	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20206	1	dump	1/2020	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.01 tons

Placement in Rhino Cell # 1 N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Lines	Jim Lines	06	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jim Lines		6	16	03

Printed by PARKER FIELD & ASSOCIATES, INC.
Madison, WI 608-257-0809

ORIGINAL – RETURN TO GENERATOR

Time 1050

TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-316	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20205	1	dump	41870	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.94 tons

Placement in Rhino Cell #~~1~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		6	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		6	16	03

Printed by: [illegible] Associates, Inc.
Newport, Washington

ORIGINAL – RETURN TO GENERATOR

[illegible] CES Form 12-36

Time 1058

TRK 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-255
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20210	1	dump	39,360 net	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
19.68 tons
Placement in Rhino Cell # V N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month: 10.6 Day: 1.6 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature:
Month: 10.6 Day: 1.6 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month: 10 Day: 14 Year: 03

Printed by Kleese Printing Products, Inc. Neenah, WI 54956

ORIGINAL – RETURN TO GENERATOR

12-6165 Rev. 12/93

Time 1100

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-175	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20208	1	dump	41360	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.68 tons

Placement in Rhino Cell # 1 N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL MALDONADO		10	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		10	16	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

11:05 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-176 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20209	1	dump	11590	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

22.96 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Lori J. Crump | Signature: Lori J Crump | Month 6 | Day 16 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Rivas | Signature | Month 6 | Day 16 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivas | Signature | Month 6 | Day 16 | Year 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12 EPA/DOT Rev. 10-08

Time 1105

TRK #693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-317
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20207	1	dump	39580	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

19.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: [signature]
Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ACALA
Signature: M. Acala
Month 06 Day 16 Year 03

Printed by J. J. Keller & Associates, Inc. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-EPA CS Rev. 12/96

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20211	1	dump	34780	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # ~~1~~ N

17.39 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	16	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	06	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA		06	16	03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

NMED-05 Rev. 12/98

Time 1350

TRK #14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-062	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20212	1	dump	44130	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

22.07 tons

Placement in Rhino Cell # 1 N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andres Garcia	Andres Garcia	06	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	06	16	03

Printed by Uni-Form Business Forms, Neenah, WI 54957-0329

ORIGINAL – RETURN TO GENERATOR

NMED-BLS-05 Rev. 12/98

TIME 1400

TRK #4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-063
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20213	1	dump	46690	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~L~~ N
23.35 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Gomez
Signature:
Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez
Signature:
Month 6 Day 16 Year 03

Printed by: J.J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

NN-2 OCD Rev. 12/05

Time 1405

TRK#11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-064	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20214	1	dump	40890	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # ~~1~~ N

20.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Natividad Garcia	Natividad Garcia	10	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	10	16	03

Printed by [illegible] Inc.
Neenah, Wisconsin

ORIGINAL – RETURN TO GENERATOR

Time 1410

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-318	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20217	1	dump	40400	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

20.20 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	06	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	06	16	03

ORIGINAL – RETURN TO GENERATOR

Time 1410

TRK

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. .N/A | Manifest Doc. No. .G-065 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20219	1	dump	46100 ~~49150~~	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
23.05 tons
Placement in Rhino Cell # ~~1~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 Day 16 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markel | Signature | Month 10 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA | Signature | Month 10 Day 16 Year 03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Rev. 12/93

Time 1414

TRK #35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-066
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20218	1	dump	45525	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell # ~~L~~ N

22.76 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K Holmquist
Signature:
Month: 06 Day: 16 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HENRY GOMEZ
Signature:
Month: 06 Day: 16 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month: 06 Day: 16 Year: 03

ORIGINAL – RETURN TO GENERATOR

Time 1418

TRK #5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. R-177

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20215	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

22.70

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Lori J. Crump — Signature: Lori J Crump — Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivas — Signature — Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivas — Signature — Month 6 Day 16 Year 03

ORIGINAL – RETURN TO GENERATOR

Time 1420 — TRK# 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-178	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20216	1.	dump	39570	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

19.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump	Lori J Crump	06	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL MACDONALD	M. Macdonald	06	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jesse Rivera		06	16	03

ORIGINAL – RETURN TO GENERATOR

Time 1430

TRK # 8

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-319
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20220	1	dump	37650	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #N
18.83 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel Edmundo Bejarano
Signature: Manuel E Bejarano
Month 06 Day 16 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature:
Month 06 Day 16 Year 03

Printed by: [illegible] Associates Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

[illegible] 12-98-S-05-Nov-2002

Time 1445

TRK#216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-257	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20224	1	dump	40800	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #~~L~~ N

20.40 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	16	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	10	16	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		10	16	03

ORIGINAL – RETURN TO GENERATOR

NMED 1213 5/05 Rev 12/04

Time 0630

TRK #15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-068
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20225	1	dump	44670	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

22.34 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel Mendoza
Signature:
Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 06 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0635

TRK # 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-069
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20226	1	dump	40410	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.21 tons
Placement in Rhino Cell # I N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 17 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Natividad Garcia
Signature: Natividad Garcia
Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Ramos
Signature:
Month 06 Day 17 Year 03

GENERATOR / TRANSPORTER / FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0638

TRK #14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-070 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20227	1	dump	45770	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~L~~ N

22.89 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres GARCIA | Signature | Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rubio | Signature | Month 6 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time ~~0730~~ 0648

TRK# 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-258
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20228	1	dump	43880	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
21.94 tons
Placement in Rhino Cell #~~1~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 06 17 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo
Signature:
Month Day Year: 06 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year: 06 17 03

Printed by K. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

LINE 0707

TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-321	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20230	1	dump	46220	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

23.11 tons

Placement in Rhino Cell #~~1~~N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhino		06	17	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 0708

TRK 251

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. JLG-320

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20229	1	dump	41750	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

20.88 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Hector M — Signature: Hector M — Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers — Signature — Month 6 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0719

TRK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-323.	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20232	1	dump	32 040	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #~~1~~ N

20.75 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel Edmundo Bejarano	Manuel E Bejarano	06	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		06	17	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 0720

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-322.
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20231	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.22 tons
Placement in Rhino Cell #~~L~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature: Daniel K. Holmquist
Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month 06 Day 17 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0722

TRK 53

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: G-071 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20233	1	dump	46320	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 1 N

23.19 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markel | Signature | Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Gary Rhino | Signature | Month 6 Day 17 Year 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0730

TRK# 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-072	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20264	1	dump	44065	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #~~1~~ N

22.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Gomez	Henry Gomez	06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rim		06	17	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0735

Trk #4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-073	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20236	1	dump	46.26	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

23.13 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Clayton	Billy W Clayton	06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Gomez	Alfonso Gomez	06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		6	17	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

124ELSS/CS Rev. 12/98

0735

#206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-260	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 2	1	dump	41760	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #~~1~~ N

20.88 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Lines		06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rinn		6	17	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0735

TRN 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-259
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 210	1	dump	44060	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N
22.03 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 06 17 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CE Woods
Signature: CE Woods
Month Day Year: 06 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year: 06 17 03

GENERATOR

TRANSPORTER

FACILITY

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 745

TRR 4/4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-324	

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20238	1	dump	43760	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # 4 — 21.86 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature: [signature] — Month/Day/Year: 06/17/03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN MARTINEZ — Signature: [signature] — Month/Day/Year: 06/17/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month/Day/Year:

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: MARTIN ALCALA — Signature: [signature] — Month/Day/Year: 06/19/03

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ORIGINAL – RETURN TO GENERATOR

BLS-C5 REV. 12/98

Time 1040

TRK 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-261
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20234	1	dump	45820	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~L~~ N
22.91 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Lewis
Signature:
Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 06 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1041

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-262
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20237	1	dump	40520	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.26 tons

Placement in Rhino Cell #~~E~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 06 17 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: CE Woods
Signature: CE Woods
Month Day Year: 06 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rhodes
Signature:
Month Day Year: 06 17 03

Printed by J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1057

TRK 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-074
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20239	1	dump	437.10	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

21.86 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Lori J Crump
Signature: Lori J Crump
Month Day Year: 06 17 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Natividad Garcia
Signature: Natividad Garcia
Month Day Year: 06 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rios
Signature
Month Day Year: 6 17 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

TIME 1108

TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-325	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 2024	1	dump	47490	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell #~~1~~ N

23.75 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Hector M	Hector M.	06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rino		06	17	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1105 TRK 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-075 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20241	1	dump	44890	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
22.45 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Lori J. Camp
Signature: Lori J Camp
Month Day Year: 06 17 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres GARCIA
Signature: Andres Garcia
Month Day Year: 06 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry River
Signature
Month Day Year: 6 17 03

Printed by J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 1136 — TRK 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. .N/A . . . . . | Manifest Doc. No. .D-263 . | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20242	1	dump	44620	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

22.31 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 10 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Roberto Trevizo | Signature | Month 10 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 10 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1145

TRK 53

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-076	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20244	1	dump	49070	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24.54 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Clayton	Billy W. Clayton	06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joe Markel	Joe Markel	06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Ryan		06	17	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1145

TRK# 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-179	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Rhino Environmental~~ EG SLG TRking	N/A	~~915-842-9911~~ EG 915 821-0621
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20245	1	dump	40470	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.24 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump	Lori J Crump	06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorque	Alfonso Bojorque	6	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ EG
5540 Norwood Ct. El Paso TX 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jesus Rivera		06	17	03

Printed by G. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 1147

TRK 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-077
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20235	1	dump	43365	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
21.68 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Lori J. Crump
Signature: Lori J Crump
Month Day Year: 10 6 17 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Gomez
Signature: Henry Gomez
Month Day Year: 10 6 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera
Signature:
Month Day Year: 10 6 17 03

Printed by J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 1155

Ref # 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-078
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20246	1.	dump	45990	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

23.00 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Billy W. Clayton
Signature:
Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcos Mendoza
Signature:
Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 06 Day 17 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 12:00 — Ticket 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: R-180 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address:
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ EG-526 Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: ~~915-842-9911~~ EG 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20247	1	dump	43/60	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
21.58 tons
Placement in Rhino Cell # N

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump	Lori J Crump	06	17	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel Edmundo Bejarano	Manuel E Bejarano	0	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
EG Line 5 Address: ~~200 Sunset Dr., Suite D, El Paso, TX 79922~~ 3540 Norwood Crt, El Paso Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhino	Jerry Rhino	06	17	03

Printed by KELLER & ASSOCIATES, INC.
Neenah, WI 800-558-3555

ORIGINAL – RETURN TO GENERATOR

Time 1210

Truck 9

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. G-079
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name
Gomez & Gomez Trucking

6. US EPA ID Number
N/A

A. Transporter's Phone
505-236-6407

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20250	1	dump	44.450	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

22.23 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Lori J. Crump
Signature: [signature]
Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Gomez
Signature: [signature]
Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [signature]
Signature: [signature]
Month 6 Day 17 Year 03

Printed by Ritchie Graphics, Inc.
Neenah, WI 54957-0308

ORIGINAL – RETURN TO GENERATOR

TIME 1313

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-181	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20251	1	dump	43070	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.54 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Claxton	Billy W. Claxton	06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		06	17	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 13:55

TRK 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-338.	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20254	1	dump	43870	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

21.94 tons

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump		06	17	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS		06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		6	17	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

T. ME 13:55

TCK#751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-339 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20255	1	dump	43570	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

21.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Lori J. Crump | Signature: Lori J Crump | Month 06 Day 17 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M | Signature: HECTOR M | Month 06 Day 17 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers | Signature | Month 06 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

1355 #206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-264 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20260	1	dump	41.72	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # 1 N
20.86 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 6 Day 17 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jim Lines | Signature | Month 6 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jeremy River | Signature | Month 6 Day 17 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

1355 — 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-265	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20252	1	dump	43,150	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

21.58 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		6	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CE Woods	CE Woods	6	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		6	17	03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 1402

TRK 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-082 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20256	1	dump	41470	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

20.74 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Lori J. Crump | Signature: Lori J Crump | Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Natividad García | Signature: Natividad García | Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 06 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1404

TRK 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-083 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20257	1	dump	43470	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

21.74 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Lori J. Crump | Signature | Month 10 Day 6 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres Garcia | Signature | Month 10 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Month 10 Day 7 Year 03

Printed by: J.K. Ellis & Associates, Inc. Neenah, WI 54957-0379

ORIGINAL – RETURN TO GENERATOR

TIME 1413

TRK 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-266
2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20258	1	dump	44870	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N
22.44 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month Day Year: 06 17 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia
Signature:
Month Day Year: 06 17 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month Day Year: 06 17 03

GENERATOR

TRANSPORTER

FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 1455

TRK 414

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-081	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
~~Gomez & Gomez Trucking~~ JLG	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20253	1	dump	40300	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.15 tons
Placement in Rhino Cell # 14

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Claxton				

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN MARTINEZ		06	17	05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: ~~6028 Grandi Rd., Carlsbad, NM 88220~~
5540 Norwood Crt, El Paso, Tx 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARCOS ALCALA		06	19	05

ORIGINAL – RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-340	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20262	1	dump	42110	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

21.06 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump	Lori J. Crump	06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alonso Bojorquez	Alonso Bojorquez	06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivas	Jerry Rivas	06	17	03

Printed by: J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 1515

TRK#4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-084
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20263	1	dump	44530	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell # N

22.27 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Billy W. Clayton
Signature: Billy W. Clayton
Month: 06 Day: 17 Year: 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Gomez
Signature: Alfonso Gomez
Month: 06 Day: 17 Year: 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rhine
Signature:
Month: 6 Day: 17 Year: 05

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1515

TPH 216

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-085	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20268	1	dump	44550	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.28 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump	Lori J. Crump	10	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Roberto Trevizo	Roberto Trevizo	06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry Rivera	06	17	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

WASTE MANIFEST

N/A | Manifest Doc. No.: G-086 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20243	1	dump	45605	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
22.80 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Billy W. Clayton | Signature | Month 06 Day 17 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Gomez | Signature: Henry Gomez | Month 06 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rino | Signature | Month 06 Day 17 Year 03

KELLEY PRINTING CO., INC.

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 1520

TRKJ-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-087	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20265	1	dump	41410	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.71 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump	Lori J. Crump	06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joe Markel	Joe Markel	06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Corey Rivers		6	17	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time ~~1350~~ 1522

Trk ~~685~~ 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-326
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20266	1	dump	39006	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
19.50 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN L ST JOHN	[signature]	06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel Edmundo Bejarano	Manuel E Bejarano	06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	[signature]	06	17	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1525

TRK #15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-088	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20267	1	dump	45600	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.80 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump		06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Marcelo Mendoza		06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Benny Rivera		6	17	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0640

Truck 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-122
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20272	1	dump	40655	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

20.33 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrin W 12 ST Sabal
Signature:
Month 10 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcelo Mendoza
Signature:
Month 10 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 10 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0641

TRK # 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-267
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~DnJ Trucking~~ Gomez + Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20269	1	dump	45/35	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
22.57 tons
Placement in Rhino Cell # ~~L~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 10 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Gomez
Signature: Henry Gomez
Month 10 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
6028 Grandi Rd, Carlsbad NM 88220
Line 5 Address: ~~P.O. Box 693, La Luz, NM 88337~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rinco
Signature:
Month 6 Day 18 Year 03

Printed by: J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0643

TRK# 4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-268 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~DnJ Trucking~~ Gomez | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20270	1	dump	31.010	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell #~~1~~ N

15.51 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 06 Day 18 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Gomez | Signature | Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space
6028 Grandi Rd, Carlsbad NM 88220
Line 5 Address: ~~P.O. Box 693, La Luz, NM 88337~~ OKM

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rhino | Signature | Month 6 Day 18 Year 03

GENERATOR — TRANSPORTER — FACILITY

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0646

TRK #11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-269
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~DNI Trucking~~ Gomez + Gomez Truck
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20271	1	dump	36620	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
18.31 tons
Placement in Rhino Cell #~~L~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist
Signature:
Month 10.6 Day 1.8 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Natividad Garcia
Signature: Natividad Garcia
Month 10.6 Day 1.8 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
6028 Grandi Rd, Artesia NM 88220
Line 5 Address: ~~P.O. Box 693, La Luz, NM 88337~~
CMM

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 10.6 Day 1.8 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0650

TRK #14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-327
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: ~~JLG Trucking~~ DBS Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20273	1	dump	40710	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
20.36 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARWIN R SELLERS
Signature:
Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres Garcia
Signature: Andres Garcia
Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
6038 Grandi Rd., Carlsbad NM 88220
Line 5 Address: ~~5540 Norwood Crt., El Paso, Texas 79924~~ DBS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 6 Day 18 Year 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0655

TRK J-3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-328
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: ~~JLG Trucking~~ DS Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20274	1	dump	48720	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24.36 tons
Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: DARROW K SELLERS
Signature:
Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markel
Signature:
Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
6028 Grandi Rd., Carlsbad NM 88220
Line 5 Address: ~~5540 Norwood Crt., El Paso, Texas 79924~~ DS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature:
Month 6 Day 18 Year 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0656

TRK #08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-329
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20275	1	dump	35340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
17.67 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darwin R Stahl
Signature:
Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel Edmundo Bejarano
Signature: Manuel E Bejarano
Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhino
Signature:
Month 06 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0701

TRK # 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-330	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20276	1.	dump	45580	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

22.79 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN R STEWART		06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR M	HECTOR M.	06	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	06	18	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev

Time 0718

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-331 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY. 70, HAFB, NM 88330 — FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1031, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20277	1	dump	47960	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # N — 23.98 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Edwin R Solon | Signature | Month 10.6 | Day 18 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Alfonso Bojorquez | Signature: Alfonso Bojorquez | Month 10.6 | Day 18 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month 10 | Day 18 | Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0722

TRK #210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-270	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 210	1	dump	42.34	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

21.17 tons

Placement in Rhino Cell #~~L~~ N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CT Woods	CT Woods	06	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		6	18	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0727

TRK 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-271 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 2	1	dump	4420	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

22.11 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Lori J. Crump | Signature | Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Lines | Signature | Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Fernandez | Signature | Month 06 Day 18 Year 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 0730/1914

TRK 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-272 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 3	1	dump	45540	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

22.77 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Lori J. Crump | Signature | Month 10 Day 18 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia | Signature | Month 10 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jose Fernandez | Signature | Month 10 Day 18 Year 03

GENERATOR / TRANSPORTER / FACILITY

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-05-Rev. 10/02

Time 0738

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R-183	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20278	1	dump	44780	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

22.39 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Claxton	Billy W. Claxton	06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		06	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		06	18	03

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ORIGINAL – RETURN TO GENERATOR

Time 0741

TRK #15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-332
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20261	1	dump	43340	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

21.67 tons

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrin L. Gobble
Signature:
Month 06 Day 18 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Nichols
Signature:
Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rinco
Signature:
Month 6 Day 18 Year 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1040

Tkt # 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-273	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20279	1	dump	41280	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

20.64 tns

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Claxton	Billy W. Claxton	06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jim Lines	Jim Lines	6	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		6	18	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-G 08/98

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20281	1	dump	44000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

22.24 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Claxton	Billy W. Claxton	06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Isaac Garcia	Isaac Garcia	6	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Fernandez		6	18	

ORIGINAL – RETURN TO GENERATOR

Time 0640 1048

TRK# 15

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-089	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20280	1	dump	44320	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

22.16 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		6	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel Mendoza		6	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivers		6	18	03

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Neenah, WI 2057 0429

ORIGINAL – RETURN TO GENERATOR

12 PLS 02 REV. 12/02

Time 1050

TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-333
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20282	1.	dump	46820	net
b.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

23.41 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrell Stalcup
Signature:
Month Day Year: 10 8 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Hector M
Signature: Hector M
Month Day Year: 10 8 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: MARTIN ALCALA
Signature: M. Alcala
Month Day Year: 10 8 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TMR 1055

TF #4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-126	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20285	1	dump	35620	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

17.81 tons

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		12	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Gomez		12	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		12	18	03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1056

Ticket 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A
Manifest Doc. No. JLG-335
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20283	1	dump	39150	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

19.58 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Darrin R Stalw
Signature
Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres Garcia
Signature
Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rhino
Signature
Month 6 Day 18 Year 03

Printed by J. KELLER, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/96

Time 1100

Truck 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-337
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20284	1.	dump	41600.	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

20.80 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARWIN R STROUD		06	18	07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Natividad Garcia		6	18	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivas		6	18	07

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 11:00

TRK# 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-336	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20289	1	dump	42245	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

21.12 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
DARVIN L STRAW		06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HENRY GOMEZ	Henry Gomez	6	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		6	18	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54956-0368

ORIGINAL – RETURN TO GENERATOR

Time 1105

T-3 34693 EL
Trk

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	G-090	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Gomez & Gomez Trucking	N/A	505-236-6407
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20290	1	dump	37150	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

18.77 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs		06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joe Mankel		6	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Glenn Rivera		06	18	03

Printed by Uni-Graphics
Neenah, WI 54957-0350

ORIGINAL – RETURN TO GENERATOR

NMED 1905 Rev. 12/00

Time 1120

TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-341	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20286	1	dump	34000	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

18.35 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump	Lori J Crump	06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alfonso Bojorquez	Alfonso Bojorquez	6	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivas	Jenny Rivas	06	18	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1125 Tkt# 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-342 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20287	1	dump	36850	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
18.43 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Billy W. Claxton | Signature: Billy W Claxton | Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Manuel Edmundo Bejarano | Signature: Manuel E Bejarano | Month 6 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rhino | Signature | Month 6 Day 18 Year 03

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

Time 11:30

TRK # 45210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: D-275
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20288	1	dump	53310	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
26.66 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Billy W. Clark
Signature: Billy W. Clark
Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods
Signature: C E Woods
Month 6 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Josie Fernandez
Signature:
Month 6 Day 18 Year 03

Printed by J.J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1145 Trk# 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-343	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20304	1	dump	43130	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

21.57 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Claxton	Billy W. Claxton	06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS	Jerry Nichols	6	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera	Henry Rivera	6	18	03

Printed by [illegible]
Neenah, WI 54957-0309

ORIGINAL – RETURN TO GENERATOR

TIME 1 40 TRK 10

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: G-091 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address:
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone:
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20294	1	dump	39.84	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
19.92 tons
Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 6 | Day 18 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Manuel Meadors | Signature | Month 6 | Day 18 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Romero | Signature | Month 6 | Day 18 | Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1:45 TRK 781

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-344	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	10. US EPA ID Number N/A	C. Facility's Phone 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20291	1	dump		net
b.			41110	
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

20.56 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Clark	Billy W. Clark	06	18	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
HECTOR MADRID	HECTOR MADRID	06	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
MARTIN ALCALA	M. Alcala	06	18	03

Printed by L.F. KELLER & CO., Inc.
Neenah, WI 54957-0309

ORIGINAL – RETURN TO GENERATOR

TIME 1:50 TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. R-184 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20292	1	dump	41920	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
20.96 tons
Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Lori J. Crump | Signature | Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera | Signature | Month 6 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera | Signature | Month 6 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TRK 1 & 5 TRK 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: G-123
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20293	1	dump	39430	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
19.72 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month: 4 Day: 28 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andres GARCIA
Signature: Andres Garcia
Month: 6 Day: 18 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month: Day: Year:

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Glenn Rivera
Signature:
Month: 6 Day: 18 Year: 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 1:57 TRK 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-124 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20295	1	dump	37240	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
18.62 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs | Signature | Month 04 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Natividad García | Signature | Month 04 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhino | Signature | Month 04 Day 18 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TMR 222 TRK 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: JLG-346
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20297	1	dump	36490	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
18.25 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Lori J. Crump
Signature: Lori J Crump
Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Bojorquez
Signature: Alfonso Bojorquez
Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivas
Signature:
Month 6 Day 18 Year 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-PLUS-CS Rev. 12/98

TRRZ 225 TAK 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-345 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20296	1	dump	39310	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
19.66 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Lori J. Crump | Signature | Month 06 Day 18 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Manuel Edmundo Bejarano | Signature: Manuel E Bejarano | Month 6 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 6 Day 18 Year 03

GENERATOR / TRANSPORTER / FACILITY

Printed by J.J. [illegible]
Neenah, WI 54957-0380

ORIGINAL – RETURN TO GENERATOR

NMED-PLUS-05 Rev. 12/98

TIME 245 TRK 4

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: G-125 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address:
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911 / 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20317	1	dump	36160	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell # N

18.08tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs | Signature | Month 06 Day 16 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Alfonso Gomez | Signature | Month 06 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rineo | Signature | Month 06 Day 18 Year 03

Printed by J.J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 2 57 TRK 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: D-276 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address:
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20308	1	dump	43270	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
21.64 tons
Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Billy W. Claxton | Signature | Month 6 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Isaac Garcia | Signature | Month 6 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera | Signature | Month 6 Day 18 Year 03

Printed by: J.J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

TMK 259 TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. D-277 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DnJ Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20298	1	dump	35970	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N
17.99 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Billy W. Clayton | Signature: Billy W. Clayton | Month 6 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: C E Woods | Signature: C E Woods | Month 6 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month 6 Day 18 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 1520 TRK# 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-347 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil 20316	1	dump	34920	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

17.49 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Lori J. Crump	Lori J. Crump	06	18	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JERRY NICHOLS	Jerry Nichols	06	18	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rhinos	Jerry Rhinos	06	18	03

GENERATOR / TRANSPORTER / FACILITY

Printed by: KELLER PRINTING
Neenah, WI 54957-0380

ORIGINAL – RETURN TO GENERATOR

12-BLS-03 Rev. 12/98

TIME 1530 TAF 35

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: G-127 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address:
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

4. Generator's Phone (505) 572-3931

FT-31
Sabre Road

5. Transporter 1 Company Name: Gomez & Gomez Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address:
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20319	1	dump	32455	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information:
Placement in Rhino Cell # N
16.23 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 06 Day 18 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Henry Gomez | Signature | Month 6 Day 18 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space:
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature | Month 6 Day 18 Year 03

Printed by J.J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 1600 TRK #3

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. G-128 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Gomez & Gomez Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505-236-6407

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil 20315	1	dump	38090	net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

19.05 tons

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month: 10 Day: 18 Year: 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Joe Markie | Signature | Month: 10 Day: 18 Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 6028 Grandi Rd., Carlsbad, NM 88220

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month: 10 Day: 18 Year: 03

Printed by J. J. Keller & Associates, Inc.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

TIME 0645 TRK 751

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: ILG-348 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330
FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ILG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DP-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Bill G. Clark | Signature | Month 06 Day 19 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Hector Murillo | Signature: Hector Murillo | Month 06 Day 19 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR'S COPY

NMED SWB Rev. 12/98

Time 0700

TRK # 08

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A | Manifest Doc. No.: JLG-349 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HAFB, 49th CES/CEV, HWY 70, HAFB, NM 88330 | FT-31, Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino's DF-1051, 1.7 mls. N. of NM/TX Stateline on Hwy. 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name | Signature | Month 06 | Day 17 | Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 06 | Day 17 | Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 3540 Norwood Ct., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month | Day | Year

Printed on Recycled Paper

GENERATOR'S COPY

NMED-05 Rev. 12/98

Time 7:10 Tare 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-278	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Clark		06	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
C E Woods	C E Woods	6	19	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

NMED Form 4435 Rev. 12/98

GENERATOR'S COPY

Time 7:50 TRK #114

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	JLG-350	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
JLG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Statelne on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David L Tabet		06	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Martinez		06	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address. 5540 Norwood Ct., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

Preprinted by Nexstar, Oklahoma City, OK (405) 755-1600

GENERATOR'S COPY

Business Forms Co. 12-98

Time 750

Ticket 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-279	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-440-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 17 mis. N. of NM/TX Stateline on Hwy 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	06	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	6	19	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

Tank 0735

TPH 215

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	D-280	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
40th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DnJ Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N of NM/TX Stateline on Hwy 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Non-Hazardous / Gasoline and Diesel Impacted	

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
L. J. Camp	L. J. Camp	04	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

NMED OCD Rev. 12/98

Time 800

Tel# 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	R185	

GENERATOR

3. Generator's Name and Mailing Address

HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental	N/A	915-842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Stateline on Hwy 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump		not
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Billy W. Clark		06	19	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		6	19	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 306 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

Printed by: [illegible]
Neenah, WI 54957-0319

GENERATOR'S COPY

[illegible] 12/98

Type 800 Tex 415

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. JLG-351 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY. 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: JLG Trucking | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-821-0671

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino's DP-1051
1.7 mls. N. of NM/TX Stateline on Hwy. 54
Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: [illegible] | Signature | Month 06 Day 19 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JERRY NICHOLS | Signature | Month 6 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address. 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

GENERATOR'S COPY

BLS-C5 Rev. 12/98

Time 805

Ticket # 693

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A	ILG-352	

GENERATOR

3. Generator's Name and Mailing Address
HAFB
49th CES/CEV
HWY 70, HAFB, NM 88330

FT-31
Sabre Road

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
ILG Trucking	N/A	915-821-0671
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP-1051 1.7 mls. N. of NM/TX Statelne on Hwy. 54 Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Impacted Soil	1	dump		net
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-Hazardous / Gasoline and Diesel Impacted

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # N

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Wayne E. Ford		04	17	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Alonso Baporque		04	17	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address. 5540 Norwood Crt., El Paso, Texas 79924

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

Printed on Recycled Paper

GENERATOR'S COPY

NMED Solid Rev. 12/98

RHINO ENVIRONMENTAL SERVICES, INC.

RHINO SOLID WASTE, INC.

CERTIFICATE OF ACCEPTANCE FOR TREATMENT

Facility Name: Holloman Air Force Base 49 CES / CEV Holloman AFB, NM **Phone:** (505) 572-3931	**Site Address:** Holloman Air Force Base Highway 70 Holloman AFB, NM **Contact:** James Morning
Generator: Holloman Air Force Base 49 CES / CEV Holloman AFB, NM	**Consultant:** Foster Wheeler Environmental Corp. 6605 Uptown Blvd., NE, Suite 220 Albuquerque, New Mexico 87110 **Phone:** (505) 878-8900
Waste Description: Hydrocarbon Impacted Soil (non-hazardous / jet fuel)	**Arrival Date:** 11-04-02 to 11-18-02 and 11-26-02 to 11-27-02 **Manifest Number(s):** 1104-01 thru 1104-109 and 1104-110 thru 1125-120
This certifies that the above waste material was transported following Department of Transportation (DOT) guidelines and protocols. A total of 2,542.66 tons of hydrocarbon impacted soil were disposed of at a properly permitted facility in accordance with all federal, state and local regulations.	
General Manager	February 14, 2003 **Date**

SPO 1
TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6 5 7 2 1 2 4 4 2 2 | Manifest Doc. No. 1104-21 | 2. Page 1 of 40 | FT31-4

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ
P.O. BOX 693, La Luz, NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone (505) 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month 11 | Day 04 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Lucero | Signature: Danny Lucero | Month 11 | Day 04 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
23.27 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature: Jerry Rivers | Month 11 | Day 04 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-Cs Rev. 12 '98

5001
TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212422 | Manifest Doc. No. 1104-C | 2. Page 1 of FT31-3

GENERATOR

3. Generator's Name and Mailing Address
49CES/CEV
Holloman AFB NM 88330
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB NM
88330

5. Transporter 1 Company Name: D-N-J TRUCKING | 6. US EPA ID Number: N/A | A. Transporter's Phone: 930 2455

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino OP 1501
1.7 miles N. of NM/TX STATELINE
Hwy 54, OTERO COUNTY NM
10. US EPA ID Number: N/A
C. Facility's Phone: 915 842 5911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump TRK	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet fuel - NON HAZARDOUS

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K Holmquist | Signature | Month 11 Day 04 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donny Lucero | Signature | Month 11 Day 4 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
25.18 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Henry Rivera | Signature | Month 11 Day 4 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65721244222 | Manifest Doc. No. 11.04-01 | 2. Page 1 of 40 | FT31-5

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental | US EPA ID Number: N/A | A. Transporter's Phone: (915) 842-9911
200 Sunset, Ste. D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP1051)
1.7 miles N of NM/TX Stateline,
HWY 54 Otero County, NM

10. US EPA ID Number: N/A

C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet fuel - Non-hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: D. K. Holmquist | Month 11 | Day 04 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: NICOLAS MENCHACA | Signature: Nicolas Menchaca | Month 11 | Day 4 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
18.78 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 | Day 04 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6S212442Z | Manifest Doc. No. 1104-B | 2. Page 1 of FT31-2

GENERATOR

3. Generator's Name and Mailing Address
49 CES\CEV
Holloman AFB NM 88330
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino See #9 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 105D
1.7 miles N. of NM\TX State Line
Hwy 54, Otero County NM
10. US EPA ID Number: N/A
C. Facility's Phone: 9158429911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump TRK	20	YD3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel - Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 04 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Nicolas MENCHACA | Signature: Nicolas Menchaca | Month 11 Day 4 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
16.98 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 11 Day 4 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212422 | Manifest Doc. No. 1104-08 | 2. Page 1 of 40 | FT31-6

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental
206 Sunset, Ste D, El Paso, TX 79922
6. US EPA ID Number: N/A
A. Transporter's Phone: (915) 842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/Tx Stateline
Hwy 54 Otero County, NM
10. US EPA ID Number: N/A
C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	11	04	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	11	04	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
15.95 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	11	04	02

ORIGINAL – RETURN TO GENERATOR

12 BLS-C5 Rev. 12-98

SP01
TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65 721 2 4422 | Manifest Doc. No. 1104-A | 2. Page 1 of FT31-2

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HOLLOMAN AFB, NM 88330

4. Generator's Phone (505) 572-3931

HWY 70
HOLLOMAN AFB, NM
88330

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
RHINO See #9	N/A	915 842 9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
RHINO (DP1051) 1.7 MILES N.OF NM/TX STATE LINE HWY 54 OTERO COUNTY NM	N/A	915 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump TRK	20	YD3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet-Fuel, NON HAZARDOUS

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
CELL F DISPOSAL PIT

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmgvist	Daniel K Holmgvist	11	04	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Garcia JUAN GARCIA	Juan Garcia	11	04	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
17.93 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Chris Rivera		11	4	02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 . . . | Manifest Doc. No. 1104-09 | 2. Page 1 of 40 | FT31-14

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name ~~Rhino Environmental~~ | 6. US EPA ID Number | A. Transporter's Phone
~~200 Sunset, Ste B, El Paso, TX 79922~~ | | ~~(915) 842-9911~~ DB 11/7/02

7. Transporter 2 Company Name DNJ
PO Box 693, La Luz NM 88337 | 8. US EPA ID Number N/A | B. Transporter's Phone (505) 4302055

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM | 10. US EPA ID Number N/A | C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	15	02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DB 11/7/02		11	5	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Rumsey		11	5	02

19. Discrepancy Indication Space
Transporter 1: DNJ Trucking
PO Box 693
La Luz, NM 88337
22.94 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		11	05	02

GENERATOR / TRANSPORTER / FACILITY

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6572724422 | Manifest Doc. No. 1104-04 | 2. Page 1 of 40 | FT319

GENERATOR

3. Generator's Name and Mailing Address
49 CES|CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: (915) 842-9911
200 Sunset, Ste D, El Paso, Tx 79922

7. Transporter 2 Company Name: DPM Tobok 1433 Alamogordo 88311 | 8. US EPA ID Number: N/A | B. Transporter's Phone: 430-2455

9. Designated Facility Name and Site Address: Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
HWY 54 Otero County, NM | 10. US EPA ID Number: N/A | C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel - Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit
Jet Fuel - Non-Hazardous

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K. Holmquist | Month 11 | Day 05 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Danny Lucero | Signature | Month 11 | Day 05 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
17 should be in # 18
24.85 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 11 | Day 05 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12.98

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 | Manifest Doc. No. 1104-22 | 2. Page 1 of 40 | FT-31-15

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name DNS | 6. US EPA ID Number N/A | A. Transporter's Phone (505) 437-4136
P.O. BOX 693, LaLuz, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
HWY 54 Otero County, NM
N/A
(915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 11 | Day 05 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Danny Lucero | Signature | Month 11 | Day 5 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Emmitt Ramsey | Signature | Month 11 | Day 5 | Year 02

FACILITY

19. Discrepancy Indication Space
Changed Drivers - #17 - #18 Actual
24.10 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Gerry Rivera | Signature | Month 11 | Day 05 | Year 02

ORIGINAL – RETURN TO GENERATOR

5045

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6.57.212.4922 | Manifest Doc. No. 1104-10 | 2. Page 1 of 40 FTS1-13

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP1051) N/A (915) 842-9911
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature D K Holmquist | Month 11 | Day 05 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Nicolas Menchaca | Signature Nicolas Menchaca | Month 11 | Day 5 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
20.10 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Gerry Rivero | Signature | Month 11 | Day 05 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-CS Rev. 12-98

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65 72 12 4422 | Manifest Doc. No. 1104-06 | 2. Page 1 of 40 | FT31-11

GENERATOR

3. Generator's Name and Mailing Address
49 CES | CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman, AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
HWY 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K. Holmquist | Month 11 | Day 05 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: NICOLAS MENCHACA | Signature: Nicolas Menchaca | Month 11 | Day 5 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
21.64 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero | Signature: Jenny Rivero | Month 11 | Day 05 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/96

TRK 565

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65721244223 | Manifest Doc. No. 1104-03 | 2. Page 1 of 40 | FT31-8

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
HWY 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel - Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K. Holmquist | Month 11 | Day 05 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca | Signature: Nicolas Menchaca | Month 11 | Day 5 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
20.87

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature: Jerry Rivera | Month 11 | Day 5 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212422 | Manifest Doc. No. 1104-07 | 2. Page 1 of 40 | FT31-12

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental
200 Sunset, Ste D, El Paso, Tx 79922
6. US EPA ID Number: N/A
A. Transporter's Phone: (915) 842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP1051)
1.7 miles N of NM/Tx Stateline
Hwy 54 Otero County, NM
10. US EPA ID Number: N/A
C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 5 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature | Month 11 | Day 05 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
19.78 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 11 | Day 05 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-DLS-03 Rev. 12/98

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65 721244 22 | Manifest Doc. No. 1104-05 | 2. Page 1 of 40 | FT31-(C)

GENERATOR

3. Generator's Name and Mailing Address
49 CES | CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM
N/A
(915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel - Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month 11 Day 05 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature: Juan Garcia | Month 11 Day 05 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
19.55 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature: Jerry Rivero | Month 11 Day 05 Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C3 Rev. 12-96

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CST124422 | Manifest Doc. No. 1104-02 | 2. Page 1 of 40 | FT31-7

GENERATOR

3. Generator's Name and Mailing Address
49 CES | CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental
200 Sunset, Ste. D, El Paso, TX 79922
6. US EPA ID Number: N/A
A. Transporter's Phone: (915) 842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM
10. US EPA ID Number: N/A
C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel - Non-hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 05 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature | Month 11 | Day 05 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
19.67 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 11 | Day 5 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65722.4422 | Manifest Doc. No. 1104-31 | 2. Page 1 of 40 | FT31-27

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ
PO Box 693 LaLuz, NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone (505) 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP (051)
1.7 MLS N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist Signature Month 11 Day 06 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Emmitt Rumsey Signature Month 11 Day 06 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

FACILITY

19. Discrepancy Indication Space
20.39 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rivera Signature Month 11 Day 06 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212422 | Manifest Doc. No. 1104-24 | 2. Page 1 of 40 | FT31-19

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNS
P.O. Box 693, LaLuz, NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone (505) 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915)842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 06 | Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Ramsey | Signature | Month 11 | Day 06 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
23.73 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 | Day 06 | Year 02

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

12 ELS-C5 Rev. 12/96

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212 4422 | Manifest Doc. No. 1104-26 | 2. Page 1 of 40 | FT31-23

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name DNS | 6. US EPA ID Number N/A | A. Transporter's Phone (505) 437-4136
PO Box 693 LaLuz, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 miles N of NM/Tx Stateline
Hwy 54 Otero County, NM
N/A
(915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 11 Day 06 Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Emmitt Ramsey | Signature | Month 11 Day 6 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space
24.37 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rivero | Signature | Month 11 Day 6 Year 02

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

TRK 217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65.7212.4422 | Manifest Doc. No. 1104-27 | 2. Page 1 of 40 | FT31-26

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ
PO Box 693 La Luz, NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone (505) 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel R. Holmquist | Signature | Month 11 | Day 06 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Lucero | Signature | Month 11 | Day 06 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
22.87 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Danny Lucero | Signature | Month 11 | Day 06 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6.5.7.2.1.2.4.4.2.2 | Manifest Doc. No. 1104-25 | 2. Page 1 of 40 | FT31-22

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name DNS | 6. US EPA ID Number N/A | A. Transporter's Phone (505) 437-4136
PO Box 693, La Luz, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month: 11 | Day: 06 | Year: 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny Lucero | Signature: Danny Lucero | Month: 11 | Day: 06 | Year: 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
18.93 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: Jerry Rivero | Month: 11 | Day: 06 | Year: 02

[redacted]

ORIGINAL – RETURN TO GENERATOR

[redacted]

TRK 2 17

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 40	
0572124422	11104-23		FT31-18

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNS P.O. Box 693, La Luz, NM 88337	N/A	(505) 437-4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino (DP 1051) 1.7 miles N of NM/TX Stateline Hwy 54 Otero County, NM	10. US EPA ID Number N/A	C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	06	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Danny Lucero		11	06	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
26.45 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Penny Rivera		11	06	02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65 7212 4422 | Manifest Doc. No. 1104-16 | 2. Page 1 of 40 | FT31-25

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
17 miles N of NM/TX Stateline
Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	30	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 11 | Day 06 | Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Nicolas Menchaca | Signature Nicolas Menchaca | Month 11 | Day 06 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
20.24 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rivero | Signature | Month 11 | Day 06 | Year 02

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

NMED OCD 1-3-03

NMED OCD 1-3-03 | 1348LS-C5 Rev. 12/00

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 | Manifest Doc. No. 1104-13 | 2. Page 1 of 40 | FT31-20

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, ste D, El Paso, Tx 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline, Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 06 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Nicolas Meachaca | Signature: Nicolas Meachaca | Month 11 | Day 6 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
18.75 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 | Day 06 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/98

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65721244122 | Manifest Doc. No. 1104-11 | 2. Page 1 of 40 | FT31-16

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste D, El Paso, Tx 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino CDP 1051)
1.7 miles N of NM/TX Stateline,
Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet fuel - Non-hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Dalk Holm | Month: 11 | Day: 6 | Year: 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: NICOLAS MENCHACA | Signature: Nicolas Menchaca | Month: 11 | Day: 6 | Year: 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
19.50 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month: 11 | Day: 06 | Year: 02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6574224422 | Manifest Doc. No. 1104-15 | 2. Page 1 of 40 | FT31-24

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: (915) 842-9911
200 Sunset, Ste. D, El Paso, Tx 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month 11 | Day 06 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature: Juan Garcia | Month 11 | Day 06 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
20.74 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature: Jerry Rivero | Month 11 | Day 06 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 5790

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6572124422 | Manifest Doc. No. 1104-14 | 2. Page 1 of 40 | FT31-21

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: (915) 842-9911
300 Sunset, Ste. D, El Paso, Tx 79922

7. Transporter 2 Company Name | 8. US EPA ID Number: N | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number: N/A

C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K Holmquist | Signature: Daniel K Holmquist | Month: 11 | Day: 06 | Year: 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature: Juan Garcia | Month: 11 | Day: 06 | Year: 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
19.23 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: Jerry R | Month: 11 | Day: 06 | Year: 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-Cs Rev. 12/96

TRK 578

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6 5 7 2 1 2 9 4 1 2 | Manifest Doc. No. 41104-12 | 2. Page 1 of 40 | FT31-17

GENERATOR

3. Generator's Name and Mailing Address
49 CES | CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental
200 Sunset, Ste D, El Paso, Tx 79922
6. US EPA ID Number: N/A
A. Transporter's Phone: (915) 842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/Tx Stateline
Hwy 54 Otero County, NM
10. US EPA ID Number: N/A
C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K Holmquist		11	06	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA		11	06	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
18.33 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		11	06	02

ORIGINAL – RETURN TO GENERATOR

12 BLS C3 Rev. 12-96

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65 7212 4422 | Manifest Doc. No. 1104-34 | 2. Page 1 of 40 | FT31-39

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ
PO Box 693 LaLuz, NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone (505) 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 Mls N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 07 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Rumsey | Signature | Month 11 | Day 07 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
21.51 TNS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature | Month 11 | Day 07 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 40	
6572124422	1104-28		FT31-35

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNJ PO Box 693 LaLuz, NM 88337	N/A	(505) 437-4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino (CDP 1051) 1.7 miles N of NM/TX Stateline Hwy 54 Otero County, NM	N/A	(915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	07	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		11	07	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
21.94 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		11	07	02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C3 Rev. 12-98

TRK204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212.4422 | Manifest Doc. No. 1104-33 | 2. Page 1 of 40 | FT31-31

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ | 6. US EPA ID Number N/A | A. Transporter's Phone
PO Box 693 LaLuz, NM 88337 | (505) 437-4136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 Mls N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915)842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K. Holmquist | Month 11 | Day 07 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Rumsey | Signature | Month 11 | Day 07 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
21.61 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 | Day 07 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212 4422 | Manifest Doc. No. 1104-29 | 2. Page 1 of 40 | FT31-36

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ
PO BOX 693 LaLuz, NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone (505) 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month: 11 | Day: 07 | Year: 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael D Torres | Signature: Michael D Torres | Month: 11 | Day: 07 | Year: 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
16.09 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero | Signature: Jenny Rivero | Month: 11 | Day: 07 | Year: 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12-00

TRK 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65721.2.4422 | Manifest Doc. No. 1104-32 | 2. Page 1 of 40 | FT31-30

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNS | 6. US EPA ID Number N/A | A. Transporter's Phone (505) 437-4136
PO Box 693 LaLuz, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 Mls N of NM/TX Stateline
Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmgust | Signature: D. K. Holmgust | Month 11 | Day 07 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael K Towles | Signature: Michael K Towles | Month 11 | Day 07 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
16.09 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jesus Rivero | Signature | Month 11 | Day 07 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C3 Rev. 10/98

TRK206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212 4422 | Manifest Doc. No. 1104-30 | 2. Page 1 of 40 | FT31-33

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ
PO Box 693, La Luz, NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone (505) 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Dal K. Hol | Month: 11 | Day: 07 | Year: 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael L Jones | Signature: Michael L Jones | Month: 11 | Day: 07 | Year: 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
16.09 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: Jerry Rivero | Month: 11 | Day: 07 | Year: 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/96

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 65 72 12 44 22 | Manifest Doc. No. 1104-42 | 2. Page 1 of 1 | FT31-38

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

HWY 70, Holloman AFB, NM

5. Transporter 1 Company Name: Rhino ENV, 200 Sunset, Ste D, El Paso TX 79922 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 9158429911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 07 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca | Signature: Nicolas Menchaca | Month 11 Day 7 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 17.72 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 11 Day 07 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 2 | Manifest Doc. No. 1104-20 | 2. Page 1 of 40 | FT31-34

3. Generator's Name and Mailing Address
49 CES | CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 miles N of NM/TX Stateline
HWY 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature Daniel K Holmquist | Month 11 | Day 07 | Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name NICOLAS MENCHACA | Signature Nicolas Menchaca | Month 11 | Day 07 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
19.3 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rivera | Signature Jerry Rivera | Month 11 | Day 07 | Year 02

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212 4/22 | Manifest Doc. No. 1104-19 | 2. Page 1 of 40 | FT31-29

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
17 miles N of NM/TX Stateline
Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	11	07	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
NICOLAS MENCHACA	Nicolas Menchaca	11	07	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
18.51 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		11	07	02

ORIGINAL – RETURN TO GENERATOR

TE-SLS-05 Rev. 12/98

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104-41 | 2. Page 1 of 1 | FY31-37

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM | HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Env | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911

200 Sunset, Ste D, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel L. Holmquist | Signature | Month 11 Day 07 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature | Month 11 Day 07 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 18.71 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivero | Signature | Month 11 Day 07 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212.4422 | Manifest Doc. No. 1104-18 | 2. Page 1 of 40 | FT31-32

GENERATOR

3. Generator's Name and Mailing Address
49 CES | CEN
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name Rhino Environmental | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911
200 Sunset, Ste. D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 miles N of NM/Tx Stateline
Hwy 54 Otero County, NM
N/A
(915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month: 11 | Day: 07 | Year: 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Juan Garcia | Signature: [signature] | Month: 11 | Day: 07 | Year: 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
17.71 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [illegible] | Signature: [signature] | Month: 11 | Day: 07 | Year: 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12-96

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6572124222 | Manifest Doc. No. 1104-17 | 2. Page 1 of 40 | FT31-28

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental | 6. US EPA ID Number: N/A | A. Transporter's Phone: (915) 842-9911
200 Sunset, Ste D, El Paso, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP (051)
1.7 miles N of NM/TX Stateline
Hwy 54 Otero County, NM
10. US EPA ID Number: N/A
C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F Disposal Pit

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 07 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Juan Garcia | Signature | Month 11 Day 07 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
18.21 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivera | Signature | Month 11 Day 07 Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-05 Rev. 12/08

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212.4422 | Manifest Doc. No. 1104-39 | 2. Page 1 of 40 | FT31-50

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ | 6. US EPA ID Number N/A | A. Transporter's Phone (505) 437-4136
PO Box 693 La Luz, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 Miles N of NM/TX Stateline
Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 08 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Rumsey | Signature | Month 11 Day 08 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
21.26 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivero | Signature | Month 11 Day 08 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6572124422 | Manifest Doc. No. 1104-38 | 2. Page 1 of 40 | FT31-46

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name: DNJ
PO Box 193 LaLuz, NM 88337
6. US EPA ID Number: N/A
A. Transporter's Phone: (505) 437-4136

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP (051)
1.7 Miles N of NM/TX Stateline
Hwy 54 Otero County, NM
10. US EPA ID Number: N/A
C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Dan K. Holmquist	11	08	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		11	08	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
22.12 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		11	08	02

ORIGINAL – RETURN TO GENERATOR

12-ELS-C5 Rev. 12/99

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6572124422 | Manifest Doc. No. 1104-36 | 2. Page 1 of 40 | FT-31-43

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ
PO Box 693 Laluz, NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone (505) 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino (DP 1051)
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, NM

10. US EPA ID Number N/A

C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 08 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Ramsey | Signature | Month 11 Day 08 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
20.5 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 08 Year 02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

TRK 210

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. 6572.12.4422	Manifest Doc. No. 1104-37	2. Page 1 of 40	FT31-45

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ	6. US EPA ID Number	A. Transporter's Phone
PO Box 693 LaLuz, NM 88337	N/A	(505) 437-4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino (DP 1051) 1.7 Miles N of NM/TX Stateline Hwy 54 Otero County, NM	10. US EPA ID Number N/A	C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holangust		11	08	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Jones		11	08	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
23.01 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivero		11	08	02

ORIGINAL – RETURN TO GENERATOR

12 BLS-C4 Rev. 12-98

TRK210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212422 | Manifest Doc. No. 1104-40 | 2. Page 1 of 40 | FT31-50

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNS | 6. US EPA ID Number N/A | A. Transporter's Phone (505) 437-4136
PO Box 693 LaLuz, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
17 Miles N of NM/Tx Stateline
Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	belly dump	20	Yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 08 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Jones | Signature | Month 11 | Day 08 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
21.04 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 | Day 08 | Year 02

ORIGINAL – RETURN TO GENERATOR

NMED-BLS-05 Rev. 12/00

TRK 206

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6.5.7212.4122 | Manifest Doc. No. 1104-35 | 2. Page 1 of 40 | FT31-42

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB, NM

5. Transporter 1 Company Name DNS | 6. US EPA ID Number N/A | A. Transporter's Phone (505) 437-4136
PO Box 693 LaLuz, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino (DP 1051)
1.7 Miles N of NM/TX Stateline
Hwy 54 Otero County, NM | N/A | (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly dump	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	11	08	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Jones	Michael Jones	11	08	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
16.09 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	11	08	02

ORIGINAL – RETURN TO GENERATOR

[redacted] 12-BLS-C5 Rev. 12/98

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212.4422 | Manifest Doc. No. 1104-48 | 2. Page 1 of 1 | FT31-48

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Env — 200 Sunset, STE D, El Paso TX 79922 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Jamel K. Holmquist | Signature | Month 11 Day 08 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca | Signature: Nicolas Menchaca | Month 11 Day 08 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 21.06 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 08 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104 46 | 2. Page 1 of 1 | PT31-44

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Env — 6. US EPA ID Number: N/A — A. Transporter's Phone: 915 842 9911

200 Sunset Sted El Paso TX 79922

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54, Otero County, New Mexico — 10. US EPA ID Number: N/A — C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature: [signature] — Month 11 Day 08 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: NICOLAS MENCHACA — Signature: Nicolas Menchaca — Month 11 Day 08 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month — Day — Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 23.27 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Benny Rivero — Signature: [signature] — Month 11 Day 08 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212414122 | Manifest Doc. No. 1104-44 | 2. Page 1 of 1 | FT3i-41

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM | HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Env. | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911

200 Sunset Ste D, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month 11 | Day 08 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: NICOLAS MENCHACA | Signature: nicolas menchaca | Month 11 | Day 08 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 22.17 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivero | Signature: Gerry Rivero | Month 11 | Day 08 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 578

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	FT-31-47
N/A 657212.4422	1104-47		

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Env 200 Sunset Ste D, El Paso Tx 79922	N/A	915 842 9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54, Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	08	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA		11	08	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 20.63

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		11	08	02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 6572124422 | Manifest Doc. No. 1104-45 | 2. Page 1 of 1 | FT31-43

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

HWY 70, Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Env, 200 Sunset, Ste D, El Paso TX 79922 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K. Holmquist | Month 11 Day 08 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature: Juan Garcia | Month 11 Day 08 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 18,81

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivero | Signature: Henry Rivero | Month 11 Day 08 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 578

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6572124422 | Manifest Doc. No. 1104-43 | 2. Page 1 of 1 | FT31-40

GENERATOR

3. Generator's Name and Mailing Address
N/A
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino ENV
200 Sunset, Ste D, El Paso TX 79922

6. US EPA ID Number: N/A

A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 08 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature | Month 11 | Day 08 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: [redacted] 19.72 tons [redacted]

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Terry Rivera | Signature | Month 11 | Day 08 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK-204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
6572124422 N/A	11101-59	FT31-G2

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931)

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
ONJ P.O. Box 693, Carlsbad NM 88337	N/A	505 437 4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline Hwy 54 Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	12	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Rumsey		11	12	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 26.51 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		11	12	02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6572124422 N/A | Manifest Doc. No. 1104-56 | 2. Page 1 of 1 | FT31-59

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name: DNS — 6. US EPA ID Number: N/A — A. Transporter's Phone: 505 437 4136

Po Box 693, LaLuz NM 88337

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico — 10. US EPA ID Number: N/A — C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Kolanquist — Signature — Month 11 Day 12 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Ramsey — Signature — Month 11 Day 12 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 22.35 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero — Signature — Month 11 Day 12 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104-51 | 2. Page 1 of 1 | FT31-54

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name DNJ | 6. US EPA ID Number N/A | A. Transporter's Phone 505 437-4136
PO Box 693, LA LUZ, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54, Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 12 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Ramsey | Signature | Month 11 Day 12 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 20.34 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers | Signature | Month 11 Day 12 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 65721.2 4422 | Manifest Doc. No. 11883-57 | 2. Page 1 of 1 | FT31-60

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name: BNJ, PO Box 693, LaLuz, NM, 88337 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505 437 4136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54, Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month 11 Day 12 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Jones | Signature: [signature] | Month 11 Day 12 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 23 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 11 Day 12 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65721244222 | Manifest Doc. No. 1104-55 | 2. Page 1 of 1 | FT31-58

GENERATOR

3. Generator's Name and Mailing Address
N/A
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3021

5. Transporter 1 Company Name DNS | 6. US EPA ID Number N/A | A. Transporter's Phone 505 437 4136

PO Box 693, La Luz, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 12 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Michael Jones | Signature | Month 11 Day 12 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 26.76 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 12 Year 02

ORIGINAL – RETURN TO GENERATOR

217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104-52 | 2. Page 1 of 1 | FT31-55

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name ONJ
PO BOX 693, LA LUZ NM, 88337

6. US EPA ID Number N/A

A. Transporter's Phone 505 437-4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 9 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 12 | Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Jones | Signature | Month 11 | Day 12 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: 21.85 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivero | Signature | Month 11 | Day 12 | Year 02

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
NM 657212 4422	110460	FT31-63

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino — 6. US EPA ID Number: N/A — A. Transporter's Phone: 9158429911

200 Sunset, Ste D, El Paso TX 79922

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico — 10. US EPA ID Number: N/A — C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 11 Day 12 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca — Signature — Month 11 Day 12 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month — Day — Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 22.55 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera — Signature — Month 11 Day 12 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212455 N/A | Manifest Doc. No. 1104-53 | 2. Page 1 of 1 | FT31-56

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM | HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino ENV | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911

200 Sunset, STE D, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511 | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

1.7 Miles N. of ~~NM/TX~~ Stateline
Hwy 54, Otero County, New Mexico

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Halmquist | Signature | Month 11 | Day 12 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca | Signature: Nicolas Menchaca | Month 11 | Day 12 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 22.75 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Danny Rivera | Signature | Month 11 | Day 12 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. 1104-49 | 2. Page 1 of 1 | FT31-52

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino EN
200 Sunset, STED, EL PASO TX 79922

6. US EPA ID Number: N/A

A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 12 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: NICOLAS MENCHACA | Signature: Nicolas Menchaca | Month 11 | Day 12 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 19.11 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 | Day 12 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212422 | Manifest Doc. No. 1104-58 | 2. Page 1 of 1 | FT31-61

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino Env | 6. US EPA ID Number N/A | A. Transporter's Phone 915 842 9911
200 Sunset, STE D, EL PASO TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 12 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN CARRETA | Signature | Month 11 Day 12 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 22.77 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 12 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212 4922 (N/A) | Manifest Doc. No. 1104-54 | 2. Page 1 of 1 | FT31-57

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino Env | 6. US EPA ID Number N/A | A. Transporter's Phone 915 842 9911
200 Sunset, Stop, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A | C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 12 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature | Month 11 Day 12 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 20.7 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 12 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212441222 | Manifest Doc. No. ~~1164-50~~ | 2. Page 1 of 1 | FT31-53

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino Env | 6. US EPA ID Number N/A | A. Transporter's Phone 915 842 9911
200 Sunset, Ste D, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54, Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	ydB
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K Holmquist | Signature | Month 11 | Day 12 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name JUAN GARCIA | Signature | Month 11 | Day 12 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 18.58 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rivero | Signature | Month 11 | Day 12 | Year 02

ORIGINAL – RETURN TO GENERATOR

TCK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NM6572124422 | Manifest Doc. No. 1104-69 | 2. Page 1 of 1 | FT31-72

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DNJ — 6. US EPA ID Number: N/A — A. Transporter's Phone: 5054374136

PO Box 693 LaLuz NM 88337

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico — 10. US EPA ID Number: N/A — C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Darnell K. Holmquist — Signature — Month 11 Day 13 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Rumsey — Signature — Month 11 Day 13 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 21.36 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Benny Rivero — Signature — Month 11 Day 13 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 65721244 22 | Manifest Doc. No. 1104-63 | 2. Page 1 of 1 | FT31-66

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name DNJ | 6. US EPA ID Number N/A | A. Transporter's Phone 505 437 4136
PO Box 693 La Luz NM, 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Halmquist | Signature | Month 11 | Day 13 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Emmett Ramsey | Signature | Month 11 | Day 13 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
21.16 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rivera | Signature | Month 11 | Day 13 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104-64 | 2. Page 1 of 1 | FT31-67

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ONJ — PO Box 693 Laveen NM 85339 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 9154374136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump.	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 13 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Rumsey | Signature | Month 11 Day 13 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 22.55 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Denny Rivera | Signature | Month 11 Day 13 Year 02

ORIGINAL – RETURN TO GENERATOR

TN: 35,500
TRK214

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A | Manifest Doc. No. 1104-67 | 2. Page 1 of 1 | FT31-70

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name DNJ
PO Box 693, La Luz NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone 505 437 4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 13 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Lionel Gonzales | Signature | Month 11 Day 13 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
20.33 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Chris Rivera | Signature | Month 11 Day 13 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 65 7212 4422 | Manifest Doc. No. 1104-70 | 2. Page 1 of 1 | FT31-73

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino EN
200 Sunset, STE D, El Paso TE 79922

6. US EPA ID Number N/A

A. Transporter's Phone 915 842 9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Halquist | Signature | Month 11 | Day 13 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: NICOLAS MENCHACA | Signature: Nicolas Menchaca | Month 11 | Day 13 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
15.93 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivero | Signature | Month 11 | Day 13 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 6572124422 | Manifest Doc. No. 1104-66 | 2. Page 1 of 1 | FT31-69

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Env | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915-437-4136
200 Sunset, Ste D, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump.	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 13 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Nicolas Menchaca | Signature: nicolas menchaca | Month 11 Day 13 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
23.82 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 Day 13 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK-505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104-61 | 2. Page 1 of 1 | FT31-64

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Env — 6. US EPA ID Number: N/A — A. Transporter's Phone: 915 842 9911

2005 Inset, STE D, El Paso TX 79922

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54, Otero County, New Mexico — 10. US EPA ID Number: N/A — C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 11 Day 13 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca — Signature — Month 11 Day 13 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 23.22 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivero — Signature — Month 11 Day 13 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	
6572124422	1104-68	1	FT31-71

GENERATOR

3. Generator's Name and Mailing Address
N/A
49 CES/CEV
Holloman AFB, NM

1
HWY 70
Holloman AFB, NM

4. Generator's Phone ( )
505 572-3931

5. Transporter 1 Company Name: Rhino Env
200 Sunset, Ste D, El Paso TX 79922

6. US EPA ID Number: N/A

A. Transporter's Phone: 915 8429911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		1	13	07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA		1	13	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
17.34 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		1	13	07

ORIGINAL – RETURN TO GENERATOR

TRK578

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212422 | Manifest Doc. No. 1104-65 | 2. Page 1 of 1 | FT31-68

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name: Rhino Env. | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911
200 Sunset, STED, EL PASO, TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 13 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JUAN GARCIA | Signature | Month 11 Day 13 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
23.69 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers | Signature | Month 11 Day 13 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
N/A 657212 1422	1104 62	FT31-65

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

HWY 70, Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Env
200 Sunset. STE D, El Paso TX 79922

6. US EPA ID Number: N/A

A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address:
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 13 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN CARERA | Signature | Month 11 Day 13 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: [illegible] 20.52 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 13 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104 75 | 2. Page 1 of 1 | FT31-78

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM | HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DNJ, PO Box 663, Lake, NM, 88337 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505 437 4136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel R. Holmquist | Signature | Month 11 Day 14 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Ramsey | Signature | Month 11 Day 14 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 22.47 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 Day 14 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	
6572124422	1104-73	1	FT31-76

GENERATOR

3. Generator's Name and Mailing Address
N/A
49 CES/CEV
Holloman AFB, NM
1 HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
PNJ PO Box 693 La Luz, NM 88337	N/A	505 437 4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511 1.7 Miles N. of NM/TX Stateline Hwy 54 Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump.	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Jet Fuel, Non Hazardous	

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	11	14	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		11	14	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address:
21.31 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		11	14	02

ORIGINAL – RETURN TO GENERATOR

TRK304

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 6572124422 | Manifest Doc. No. 1104-74 | 2. Page 1 of 1 | FT31-77

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name DWS | 6. US EPA ID Number N/A | A. Transporter's Phone 505 437 4136

POBox 693, LaLuz NM, 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 14 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Rumsey | Signature | Month 11 Day 14 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
20.1 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 Day 14 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212.4422 | Manifest Doc. No. 1104-77 | 2. Page 1 of 1 | FT31-80

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name: Rhino Env, 200 Sunset, Ste D, El Paso TX 79922 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 14 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca | Signature: Nicolas Menchaca | Month 11 Day 14 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 20.87 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 14 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104-72 | 2. Page 1 of 1 | FT31-75

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino Env.
200 Sunset, Ste D, El Paso TX 79922

6. US EPA ID Number N/A

A. Transporter's Phone 915 842 9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Daniel K. Holmquist | Signature Daniel K Holmquist | Month 11 | Day 14 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name NICOLAS MENCHACA | Signature Nicolas Menchaca | Month 11 | Day 14 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
19.78 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Jenny Rivera | Signature | Month 11 | Day 14 | Year 02

ORIGINAL – RETURN TO GENERATOR

Truck #518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212-4422 | Manifest Doc. No. 1104-76 | 2. Page 1 of 1 | FC31-79

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

HWY 70, Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Env, 200 Sunset, STED, El Paso TX 79922 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 9158429911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Halmquist | Signature | Month 11 Day 14 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN CORREA | Signature | Month 11 Day 14 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 20.15 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 11 Day 14 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 | Manifest Doc. No. | 2. Page 1 of | FT31-74

3. Generator's Name and Mailing Address: N/A 1104-71
49 CES/CEV
Holloman AFB, NM

1 HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Env
200 Sunset, Ste D, El Paso TX 79922

6. US EPA ID Number: N/A

A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 14 Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature | Month 11 Day 14 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space
Line 5 Address:
17.83 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 14 Year 02

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

TRUCK #518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 65 7212 4422 | Manifest Doc. No. 1104-78 | 2. Page 1 of 1 | FT31-81

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM | HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name: Rhino Env, 200 Sunset, Ste 2, El Paso TX 79922 | 6. US EPA ID Number | A. Transporter's Phone: 9158429911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 14 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature | Month 11 Day 14 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 18.01 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivero | Signature | Month 11 Day 14 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK#204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212 4422 | Manifest Doc. No. 1104-92 | 2. Page 1 of 1 | FT31-95

GENERATOR

3. Generator's Name and Mailing Address
N/A
49 CES/CEV
Holloman AFB, NM

4. Generator's Phone (505 572-3931)

5. Transporter 1 Company Name ONS | 6. US EPA ID Number N/A | A. Transporter's Phone 915 842 9911
PO Box 693, Loving, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

HWY 70
Holloman AFB, NM

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 15 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Emmitt Ramsey | Signature | Month 11 Day 15 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
18.98 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rhino | Signature | Month 11 Day 15 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	
N/A 65 7212 4422	1104-87		FT31-90

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone: (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNJ, PO Box 693, Lakewood, NM 88254	N/A	505 437 4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511 1.7 Miles N. of NM/TX Stateline Hwy 54 Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	15	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Ramsey		11	15	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 20.68 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera		11	15	02

ORIGINAL – RETURN TO GENERATOR

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65721244 22 N/A | Manifest Doc. No. 1104-82 | 2. Page 1 of 1 | FT31-85

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

HWY 70
Holloman AFB, NM

5. Transporter 1 Company Name DNJ
PO Box 693, LaLuz, NM, 88337

6. US EPA ID Number N/A

A. Transporter's Phone 505 437 4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 15 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Emmitt Ramsey | Signature | Month 11 Day 15 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
19.83 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 11 Day 15 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
657212422	1104-93	FT31-96

GENERATOR

3. Generator's Name and Mailing Address: N/A
49 CES/CEV
Holloman AFB, NM

1
HWY 70
Holloman AFB, NM

4. Generator's Phone ( ) 505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNJ PO Box 693 LaLuz, NM 88337	N/A	5054374136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511 1.7 Miles N. of NM/TX Stateline Hwy 54 Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Jet Fuel, Non Hazardous	

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K Holmquist	Daniel K Holmquist	11	15	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry C Blackberry	Jerry Blackberry	11	15	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address:

20.19 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
~~Jerry C Blackberry~~ Henry Rivero	Henry Rivero	11	15	02

ORIGINAL – RETURN TO GENERATOR

TRK 210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6721224422 N/A | Manifest Doc. No. 1104-90 | 2. Page 1 of 1 | FY31-93

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name DNJ
PO Box 695 LaLuz NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone 5054374436

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 15 | Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY BLACKBURN | Signature | Month 11 | Day 15 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address:
19.44 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 | Day 15 | Year 02

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212442 | Manifest Doc. No. 1104-94 | 2. Page 1 of 1 | FY31-97

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DNS, PO Box 693, La Luz, NM, 88337 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505 437 4136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 15 Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson | Signature | Month 11 Day 15 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space: Line 5 Address: 19.38 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Sonny Rivera | Signature | Month 11 Day 15 Year 02

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 6572124422 | Manifest Doc. No. 1104-89 | 2. Page 1 of 1 | AT31-92

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

Generator's Site Address: HWY 70, Holloman AFB, NM

5. Transporter 1 Company Name: DNJ — PO Box 693 LaLuz NM 88337 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505437 4136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K Holmquist | Signature | Month 11 Day 15 Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson | Signature | Month 11 Day 15 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space: Line 5 Address: 21.86 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: James Henry Rios | Signature | Month 11 Day 15 Year 02

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

TRK 217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	FT31-88
N/A	1104-85		

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNS PO Box 693 LaLuz NM 88337	N/A	505 437 4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511 1.7 Miles N. of NM/TX Stateline Hwy 54 Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	15	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Michael Torres		11	15	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address:

22.10 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivero		11	15	02

ORIGINAL – RETURN TO GENERATOR

TRK217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 6572124422 | Manifest Doc. No. 1104-91 | 2. Page 1 of 1 | FT31-94

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name DNJ
PO Box 693 Las Cruz NM 88337

6. US EPA ID Number N/A

A. Transporter's Phone 505 437 4136

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 15 Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Torres | Signature | Month 11 Day 15 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space
Line 5 Address:
18.42 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero | Signature | Month 11 Day 15 Year 02

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

Tare → 33200

TRK 217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NM5721249422 | Manifest Doc. No. 1104-81 | 2. Page 1 of 1 | FT31-84

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505 572-3931

HWY 70, Holloman AFB, NM

5. Transporter 1 Company Name: DNS, PO Box 693, Lake NM 88337 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 5054374136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K Holmquist | Signature | Month 11 Day 15 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael James | Signature | Month 11 Day 15 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address:

20.26 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 11 Day 15 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	FT31-87
N/A 657212 4422	1104-84		

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Env 200 Sunset, Ste D EL PASO TX 79922	N/A	915 872 9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511 1.7 Miles N. of NM/TX Stateline Hwy 54 Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K Holmquist		11	15	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Nicolas Menchaca		11	15	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address:

19.89 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivera		11	15	02

ORIGINAL – RETURN TO GENERATOR

TRK 204505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6.5.7212.4422. | Manifest Doc. No. | 2. Page 1 of | FT31-89

GENERATOR

3. Generator's Name and Mailing Address
N/A
49 CES/CEV
Holloman AFB, NM
1104-86

1
HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino Env | 6. US EPA ID Number N/A | A. Transporter's Phone 915 8429911
200 Sunset, STE D, EL PASO TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 15 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas MENCHACA | Signature: Nicolas Menchaca | Month 11 | Day 15 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
19.42 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 11 | Day 15 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 6572124422 | Manifest Doc. No. 1104-80 | 2. Page 1 of 1 | FT31-83

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name | 6. US EPA ID Number: N/A | A. Transporter's Phone

7. Transporter 2 Company Name: Rhino Env | 8. US EPA ID Number: N/A | B. Transporter's Phone: 915 842 9911
900 Sunset, STED, El Paso TX 79922

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: Daniel K Holmquist | Month 11 | Day 15 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: NICOLAS MENCHACA | Signature: Nicolas Menchaca | Month 11 | Day 15 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 19.66 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature: Jenny Rivera | Month 11 | Day 15 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 218

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	FT31-91
NM5721244422	1104-88		

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

HWY 70, Holloman AFB, NM

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Env 1.5 miles N of NM/TX Stateline, Hwy 54	N/A	(915) 842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511 1.7 Miles N. of NM/TX Stateline Hwy 54 Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yds	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	11	15	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	11	15	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 19.21 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Danny Rivera	Danny Rivera	11	15	02

ORIGINAL – RETURN TO GENERATOR

TRK 578

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212422 | Manifest Doc. No. 1104-83 | 2. Page 1 of 1 | TF31-86

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Env — 6. US EPA ID Number: N/A — A. Transporter's Phone: 915 842 9911

200 Sunset, Ste D, El Paso TX 79922

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico — 10. US EPA ID Number: N/A — C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature — Month 11 Day 15 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA — Signature — Month 11 Day 15 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address:

19.37 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Danny Rivera — Signature — Month 11 Day 15 Year 02

ORIGINAL – RETURN TO GENERATOR

TRUCK # 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104-79 | 2. Page 1 of 1 | FT31-82

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM | HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name: Rhino Env | 6. US EPA ID Number: N.A. | A. Transporter's Phone: 915 842 9911
200 Sunset, STED, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 15 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature | Month 11 | Day 15 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:

19.29 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 11 | Day 15 | Year 02

ORIGINAL – RETURN TO GENERATOR

TEK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
6572124422	1104-107	FT31-110

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB NM
4. Generator's Phone (505) 572 3931

Hwy 70
Holloman AFB N.M.

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNS PO Box 693, La Luz NM 88337	N/A	505 437 4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Rhino Corp Soil 1.7 miles N. of NM/TX State Line Hwy 54, Otero Co, NM	10. US EPA ID Number N/A	C. Facility's Phone 9158429901

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	W
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel - Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	18	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Rumsey		11	18	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address

18.86 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero		11	18	02

ORIGINAL – RETURN TO GENERATOR

12 BLS-C5 Rev. 12-98

TRK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	
N/A 657212422	1104-100		FT-31-103

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNJ PO Box 693, La Luz, NM 88337	N/A	915 842 9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDP 10511 1.7 Miles N. of NM/TX Stateline Hwy 54 Otero County, New Mexico	N/A	915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	19	07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Emmitt Rumsey		11	19	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 3 Address: 21.98 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Danny Rivera		11	18	07

ORIGINAL – RETURN TO GENERATOR

TPK 204

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 2 | Manifest Doc. No. 1104-108 | 2. Page 1 of FT31-111

GENERATOR

3. Generator's Name and Mailing Address
49CES/CEV
Holloman AFB NM
Hwy 70
Holloman AFB NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name DNJ | 6. US EPA ID Number N/A | A. Transporter's Phone 505 437 4136
PO Box 693, La Luz, NM, 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDF #5011
1.7 Miles N. of NM/TX Statline
Hwy 54, Otero Co, NM
10. US EPA ID Number N/A
C. Facility's Phone 9158429911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	W
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 11 Day 18 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Emmitt Rumsey | Signature | Month 11 Day 18 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space
Line 5 Address
20.42 Tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Ruan | Signature | Month 11 Day 18 Year 0-

ORIGINAL – RETURN TO GENERATOR

NM-BLS-C3 Rev. 12-98

212

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
6572124422	1104-109	FT31-112

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB, NM
Hwy 70
Holloman AFB, NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNS P.O. Box 693, La Luz, NM 88337	N/A	505 437 4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino CDF 6581 1.7 miles N. of NM/TX Stateline Hwy 54, Otero Co, NM	N/A	915 842 9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dmp	20	Yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet fuel - NON HAZARDOUS

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell F

TRANSPORTER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		10	18	02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Jackson		11	18	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address
19.49 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero		11	18	02

ORIGINAL – RETURN TO GENERATOR

12-BLS-C3 Rev. 12-98

5 12

JAN 04

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	FT31-106
~~6~~ 6572124422	1104-103		

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB NM
4. Generator's Phone (505) 572 3931

HW470
Holloman AFB NM

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
DNS PO Box 693 LaLuz NM 88337	N/A	505 437 4136
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Dp 10511 1.7 miles N. of NM/Tx State Line Hwy 54, Otero Co, NM	N/A	9158429911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
Jet fuel Non Hazardous	

15. Special Handling Instructions and Additional Information
Cell F Placement

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist		11	18	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Jackson		11	18	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address
Line 1 - Corrected EPA #
21.29 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera		11	18	02

ORIGINAL – RETURN TO GENERATOR

TRK 212

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 65721244 22 | Manifest Doc. No. 1104 99 | 2. Page 1 of 1 | FH31-102

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ONS, PO Box 693, Galuz, NM, 88337 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505 437 4136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 18 | Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson | Signature | Month 11 | Day 19 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space: Line 5 Address: 19.20 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jesse Rivero | Signature | Month 11 | Day 18 | Year 02

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

TRK 217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NM6572124452 | Manifest Doc. No. 1104-101 | 2. Page 1 of 1 | FT31-104

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: DNS, PO Box 663, La Luz, NM, 88337 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505 437 4136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 18 Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Jones | Signature | Month 11 Day 18 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space: Line 5 Address: LINE1 Corrected EPA # — 21.56 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 18 Year 02

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL – RETURN TO GENERATOR

TRK# 217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212422 | Manifest Doc. No. 164-106 | 2. Page 1 of 1 | FT31-109

GENERATOR

3. Generator's Name and Mailing Address
4. Generator's Phone (505) 572 3931

49 CES/CEV
HOLLOMAN AFB NM

Hwy 70
HOLLOMAN AFB NM

5. Transporter 1 Company Name ONS | 6. US EPA ID Number N/A | A. Transporter's Phone 505 437 4136

PO Box 693, LA LUZ, NM 88337

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone

RHINO CDF 15011
1.7 miles N. of NM/TX state line
Hwy 54, Otero, Co, NM | N/A | 9158429911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet fuel - Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 18 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael James | Signature | Month 11 | Day 18 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address

20.83 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 | Day 18 | Year 02

ORIGINAL – RETURN TO GENERATOR

12-ELS-05 Rev. 12/98

TRK 217

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212442 | Manifest Doc. No. 1104-95 | 2. Page 1 of 1 | FT31-98

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM

4. Generator's Phone (505) 572-3931

HWY 70, Holloman AFB, NM

5. Transporter 1 Company Name: DNS, PO Box 693, La Luz, NM 88337 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 505 437-4136

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yd3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 08 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Torres | Signature | Month 11 | Day 08 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address:

21.20 ~~20.98~~ tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature | Month 11 | Day 18 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212.4422 | Manifest Doc. No. 1104-102 | 2. Page 1 of 1 | FT31-105

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB NM 88330
Hwy 70
Holloman AFB NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name Rhino Env | 6. US EPA ID Number N/A | A. Transporter's Phone 915 842 9911
200 Sunset, Ste D El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 miles N of NM/TX Statoline
Hwy 54, Otero, CO, NM

10. US EPA ID Number N/A

C. Facility's Phone 915 842 9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Roll Off Dmp	20	YD
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Set Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell #F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 18 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Mendiaca | Signature: Nicolas Mendiaca | Month 11 Day 18 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address
19.92 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 11 Day 18 Year 02

ORIGINAL – RETURN TO GENERATOR

506

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212 4422 | Manifest Doc. No. 1104-164 | 2. Page 1 of 1 | FT31-107

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB NM

4. Generator's Phone (505) 572-3931

Hwy 70
Holloman AFB NM

5. Transporter 1 Company Name Rhino Env | 6. US EPA ID Number N/A | A. Transporter's Phone 915 842 9911
200 Sunset, Ste 50, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino DP 10511
1.7 miles N. of NM/TX State Line
Hwy 54, Otero CO, NM | 10. US EPA ID Number N/A | C. Facility's Phone 915 842 9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dmp	20	YD3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel - NON Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 18 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Madrigal | Signature | Month 11 | Day 18 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address

20.15 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 | Day 18 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104-97 | 2. Page 1 of 1 | FT31-100

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM | HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931)

5. Transporter 1 Company Name: Rhino Env, 200 Sunset, STE D, El Paso, TX, 79922 | 6. US EPA ID Number: N/A | A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 18 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Meachaca | Signature: Nicolas Meachaca | Month 11 Day 18 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 20.04 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 11 Day 18 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 | Manifest Doc. No. 1164-98 | 2. Page 1 of 1 | FT31-101

GENERATOR

3. Generator's Name and Mailing Address
N/A
49 CES/CEV
Holloman AFB, NM

HWY 70
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino Env
200 SunSet, STED, EL PASO, TX 79922

6. US EPA ID Number N/A

A. Transporter's Phone 915 842 9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 Miles N. of NM/TX Stateline
Hwy 54 Otero County, New Mexico

10. US EPA ID Number N/A

C. Facility's Phone 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month 11 | Day 18 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature: [signature] | Month 11 | Day 18 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address:
20,70 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 11 | Day 18 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRUCK # 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212422 | Manifest Doc. No. 1104-105 | 2. Page 1 of 1 | FT31-108

GENERATOR

3. Generator's Name and Mailing Address
49CES/CEV
Holloman AFB NM
4. Generator's Phone (505) 572 3931

HWY 70
Holloman AFB NM

5. Transporter 1 Company Name Rhino Env
200 Sunset, Ste D, El Paso TX 79922
6. US EPA ID Number N/A
A. Transporter's Phone 915 842 9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDF 105011
1.7 miles N of NM/TX Stateline
Hwy 54, Otero, Co, NM
10. US EPA ID Number N/A
C. Facility's Phone 9158429911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	W
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet fuel - Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell #F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name Daniel K. Holmquist | Signature | Month 11 Day 18 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name JUAN GARCIA | Signature | Month 11 Day 18 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address
18.46 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Jerry Rivero | Signature | Month 11 Day 18 Year 02

ORIGINAL – RETURN TO GENERATOR

12 BLS C5 Rev. 12-98

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A 657212 4422 | Manifest Doc. No. 1104 96 | 2. Page 1 of 1 | FT31-99

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, Holloman AFB, NM — HWY 70, Holloman AFB, NM

4. Generator's Phone (505 572-3931

5. Transporter 1 Company Name: Rhino EM, 200 Sunset, Ste D, El Paso TX 79922 | 6. US EPA ID Number | A. Transporter's Phone: 915 842 9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino CDP 10511, 1.7 Miles N. of NM/TX Stateline, Hwy 54 Otero County, New Mexico | 10. US EPA ID Number: N/A | C. Facility's Phone: 915-842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20 yd3	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Cell # F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 Day 18 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Juan Garcia | Signature | Month 11 Day 18 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 19.58 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature | Month 11 Day 18 Year 02

ORIGINAL – RETURN TO GENERATOR

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 6572124422 | Manifest Doc. No. 1104-111 | 2. Page 1 of FT31-114

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB NM

4. Generator's Phone (505) 572 3931

Hwy 70
Holloman AFB NM

5. Transporter 1 Company Name Rhino | 6. US EPA ID Number N/A | A. Transporter's Phone 915 842 9911
200 Sunset, Ste D, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | C. Facility's Phone
Rhino CDP (051)
1.7 miles N. of NM/TX Stateline
Hwy 54, Otero Co, NM | N/A | 915 842 9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet Fuel - NON HAZARDOUS

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Helmquist | Signature: [signature] | Month: 11 | Day: 26 | Year: 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Meachaca | Signature: Nicolas Meachaca | Month: 11 | Day: 26 | Year: 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address
22.32 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature: [signature] | Month: 11 | Day: 26 | Year: 02

ORIGINAL – RETURN TO GENERATOR

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65.7212.4422 | Manifest Doc. No. 1125-113 | 2. Page 1 of 1 | FT31-116

GENERATOR

3. Generator's Name and Mailing Address 49 CES/CEV Holloman AFB, NM — Hwy 70 HAFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino, 200 Sunset Dr Ellaso Tx 79922 | 6. US EPA ID Number: N/A | A. Transporter's Phone: (915) 842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino DP 1051, 1.7 Miles N. of NM, TX State Line, Hwy 54, Otero County, NM | 10. US EPA ID Number: N/A | C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Rolloff Amp	20	yds
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell 1

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K Holmquist | Signature: Daniel K Holmquist | Month 11 | Day 26 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca | Signature: Nicolas Menchaca | Month 11 | Day 26 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address — 22.23 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera | Signature | Month 11 | Day 26 | Year 02

ORIGINAL – RETURN TO GENERATOR

TRK # 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212.4422 | Manifest Doc. No. [redacted]-110 | 2. Page 1 of | FT31-113

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV 1125 Exit
Holloman AFB NM
Hwy 70
Holloman AFB NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name Rhino Env | 6. US EPA ID Number N/A | A. Transporter's Phone 915 842 9911
200 Sunset, Ste D, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino CDP 10511
1.7 miles N. of NM/TX Stateline
Hwy 54, Otero Co, NM

10. US EPA ID Number N/A

C. Facility's Phone 915 842 9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet fuel, Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature | Month 11 | Day 26 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivero | Signature | Month 11 | Day 26 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address
21.45 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero | Signature | Month 11 | Day 26 | Year 02

[redacted] | [redacted]

ORIGINAL – RETURN TO GENERATOR

TRUCK # 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 2 | Manifest Doc. No. 11125-112 | 2. Page 1 of 1 | FT31-115

GENERATOR

3. Generator's Name and Mailing Address 49 CES/CEV Holloman AFB, NM | Hwy 70 HAFB NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino 200 Sunset STE D, El Paso TX 79922 | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address Rhino DF-1051 1.7 mls N. of NM, TX Stateline Hwy 54 Otero County, NM | 10. US EPA ID Number N/A | C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydro Carbon Impacted Soil	1	Belly Dump	20	yds
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell 1

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Darnel K. Halmquist | Signature | Month 11 Day 26 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature | Month 11 Day 26 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address 21.50 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivero | Signature | Month 11 Day 26 Year 02

Printed by KELLEY & ASSOCIATES

ORIGINAL – RETURN TO GENERATOR

LEA-LS-01 Rev 12/98

TRUCK #518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65 7212 4422 | Manifest Doc. No. 11/25-115 | 2. Page 1 of 1 | FT31-117

GENERATOR

3. Generator's Name and Mailing Address 49 CES/CEV Holloman AFB, N.M.

Hwy 70 HAFB

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino 200 Sunset Dr El Paso TX 79922	N/A	(915) 842-9911
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino DP1051 1.7 miles N. of NM/TX State Line Hwy 54 Otero County, N.M.	N/A	(915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yds
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Cell 1

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	11	26	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Garcia	Juan Garcia	11	26	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address 23.05 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	11	26	02

ORIGINAL – RETURN TO GENERATOR

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NM 7212 44222 | Manifest Doc. No. 1125-116 | 2. Page 1 of 1 | FT31-118

GENERATOR

3. Generator's Name and Mailing Address 49 CES/CEV Holloman AFB, NM | Hwy 70 HAFB

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino 200 Sunset Sted, El Paso, Tx 79927 | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address Rhino DP1051 1.7 miles N of NM/TX State Line Hwy 54 Otero County, NM | 10. US EPA ID Number N/A | C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yds
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell 1

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month 11 | Day 27 | Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca | Signature: Nicolas Menchaca | Month 11 | Day 27 | Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address 23.04 (avg)

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gary Rivero | Signature: [signature] | Month 11 | Day 27 | Year 02

ORIGINAL – RETURN TO GENERATOR

505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 65 7212 4422 | Manifest Doc. No. 1125.118 | 2. Page 1 of 1 | FT-31-120

GENERATOR

3. Generator's Name and Mailing Address 49 Ces/Cev Holloman AFB, N.M. Hwy 70 HAFB

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name Rhino 200 Sunset Ste D El Paso, TX 79922 | 6. US EPA ID Number N/A | A. Transporter's Phone (915) 842-9911

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address Rhino DP1057 1.7 miles N. of NM/TX Stateline Hwy 54 Otero County, N.M. | 10. US EPA ID Number N/A | C. Facility's Phone (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yds
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month 11 Day 27 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Nicolas Menchaca | Signature: Nicolas Menchaca | Month 11 Day 27 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space: Line 5 Address 23.04 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera | Signature: [signature] | Month 11 Day 27 Year 02

ORIGINAL – RETURN TO GENERATOR

TRK 505

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 | Manifest Doc. No. [redacted] | 2. Page 1 of FT31-123

GENERATOR

3. Generator's Name and Mailing Address: 46 CEV/CES, Holloman AFB NM — 1125-121 Eisth — Hwy 70 Holloman AFB NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name: Rhino — 6. US EPA ID Number: N/A — A. Transporter's Phone: 9158429911

200 Sunset, Ste D, El Paso TX 79922

7. Transporter 2 Company Name — 8. US EPA ID Number — B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino Dp/Ost, 1.7 miles N of NM/TX Stateline, Otero Co NM — 10. US EPA ID Number: N/A — C. Facility's Phone: 9158429911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Roll Off Dump	20	yds
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet fuel - Non Hazardous

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist — Signature: [signature] — Month 11 Day 27 Year 02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: NICOLAS MEACHACA — Signature: Nicolas Meachaca — Month 11 Day 27 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month — Day — Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address

23.04 (cwg)

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivera — Signature: [signature] — Month 11 Day 27 Year 02

ORIGINAL – RETURN TO GENERATOR

#518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	FT31-119
65 7212 4422	1125-11.7		

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV Holloman AFB, N.M. — Hwy 70 HAFB

4. Generator's Phone: (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino 200 Sunset Sted El Paso, TX 79922	N/A	(915) 842-9911

7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino DP 1051 1.7 miles N. of NM/TX State Line Hwy 54 Otero County, NM	N/A	(915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydro Carbon Impacted Soil	1	BU Dump	20	yds
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K. Holmquist	11	27	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JUAN GARCIA	Juan Garcia	11	27	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address — 21.78 (avg)

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	Jerry Rivero	11	28	03

ORIGINAL – RETURN TO GENERATOR

TRUCK #518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1	FT31-121
65 7212 4422	11251119		

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV Holloman AFB NM — Hwy 70 HAFB

4. Generator's Phone: (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino 200 Sunset Ste D El Paso, Tx 79922	N/A	(915) 842-9911

7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino DP 1051 1.7 mi Las N. of NM/TX State Line Hwy 54 Otero County, N.M.	N/A	(915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydro Carbon Impacted Soil	1	Belly Dmp	20 yds	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Jet Fuel, Non-Hazardous

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Daniel K. Holmquist	Daniel K Holmquist	11	27	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Garcia	Juan Garcia	11	27	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address — 19.27 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jenny Rivero	Jenny Rivero	11	27	02

ORIGINAL – RETURN TO GENERATOR

TRK 518

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 657212442 2 | Manifest Doc. No. [redacted] | 2. Page 1 of FT31-122

3. Generator's Name and Mailing Address
49 CES/CEV
Holloman AFB NM
125=120 Sat

Hwy 70
Holloman AFB NM

4. Generator's Phone (505) 572 3931

5. Transporter 1 Company Name Rhino | 6. US EPA ID Number N/A | A. Transporter's Phone 9158429911
200 Sunset, STED, El Paso TX 79922

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino DPIDS II
1.7 miles N of NM/TX stateline
OTERO, CO, NM

10. US EPA ID Number N/A

C. Facility's Phone 9158429911

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	Belly Dump	20	yds
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Jet fuel - NON HAZARDOUS

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Cell F

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Daniel K. Holmquist | Signature: [signature] | Month: 11 | Day: 27 | Year: 02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JUAN GARCIA | Signature: [signature] | Month: 11 | Day: 27 | Year: 02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address
24.28 tons

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [illegible] Rivera | Signature: [signature] | Month: 11 | Day: 27 | Year: 02

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL – RETURN TO GENERATOR

NM BLS-CS Rev. 12/01

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Holloman AFB New Mexico

Excavation Kick off Meeting Sign In Sheet
Oct 10 , 2002

NAME	ORGANZATION	PHONE/EMAIL
1. JAMES MORNING	FWENC	679-2100
2. GEORGE FISH	CoE	479-6095 x25
3. Dan Holmquist	CE	572-5395
4. David Rizzuto	R+R	679-2011
5.		
6. by Phone		
7.		
8. DAN SHEA		
9. Carol Bienvilis		
10.		
11.		
12.		

NOTES

DONOT SAMPLE CLEAN STOCKPILES
Segregate SP.
USE DRAFT WP
Notes – Pictures

ACTION ITEMS

NMED – DAN. H. Contact

FOSTER WHEELER ENVIRONMENTAL
PCS Excavation Project 5155 0037 0001 HFT31 & HSS17
TERC Contract No. DACW45-94-D0003
HOLLOMAN AFB, New Mexico

Preparatory Inspection RAO Excavations FT-31 & SS17

PERSONNEL PRESENT:

NAME	REPRESENTING	TITLE	DATE
James Morning	FWENC	Site Mgr/QC/ESS	10/10/02
George Fish	USACE	Project Engineer	10/10/02
Dan Holmquist	USAF	RPM	10/10/02

SPECIFICATIONS: Site Lay out Plan, Temporary facilities, Porta Potty, Permits, Health and Safety

INSPECTION ITEMS:
CRZ, EZ, Break Area, Parking, Barricades, stockpile area lay out, liner and signs.
Completed Form 103, Copy of WP
Heavy Equipment, Sampling equipment, H&S Equipment/PPE

OBSERVATIONS/DISCREPANCIES:
OK

COMPLETENESS/QUALITY OF WORK:
Good

COMMENTS:
NOPE

10/10/02
DATE

USACE Representative
QUALITY CONTROL MANAGER

FOSTER WHEELER ENVIRONMENTAL
PETROLEUM-CONTAMINATED SOIL EXCAVATION Project 5155 0037 0001 HFT31 AND 5155 0032 0007 H3200

TERC Contract No. DACW45-94-D0003
HOLLOMAN AFB, New Mexico

Completion Inspection

PERSONNEL PRESENT:

NAME	REPRESENTING	TITLE	DATE
James Morning	FWENC	Site Mgr./QC/ESS	1/23/03
Dan Holmquist	HAFB CE	RPM	1/23/03
George Fish	USACE	Engineer	1/23/03

SPECIFICATIONS: Final Work Plan
2.2thru 2.9

INSPECTION ITEMS: Final Work Plan

WPOL- 2.3TDU Unit Relocated,2.4 Concrete removed and Replaced 2.5 Soil Excavation 2.7 Backfill
2.8 Site Restoration 2.9 Soil Disposal
FT-31-2.5 Soil Excavation, 2.8 Backfill 2.8 Site Restoration 2.9 Soil Disposal. 2.2 Site Security

OBSERVATIONS/DISCREPANCIES:
FT-31 2.7 1/3 back filled - Completed back filling to be done by others
WPOL. 2.9 PCS Disposal to be completed by others.
Finish Barb Wire on Fence

COMPLETENESS/QUALITY OF WORK:

COMMENTS:

1/23/03

J. Morning — FWENC QC MANAGER
G Fish — USACE Engineer
D. Holmquist — USAF RPM

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Physical Address:
1641 Vandergrift Road
Holloman AFB New Mexico, 88330

Mailing address:
PO BOX 540
Holloman AFB New Mexico, 88330

Phone (505) 679-2100
FAX (505) 679-2148

Sender: JAMES # of Pages: 2

TO: Company: _____

Fax Number: _____

Attention: DAN SHEA

Remarks:

_____

_____

_____

_____

_____

_____

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 FAX 714/538-1209

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1111 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 120227
REPORTED 12/02/2003
RECEIVED 11/20/2003

PROJECT Landfarm

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
478880	LM-01
478881	LM-02
478882	LM-03
478883	LM-04
478884	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing , all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 478880 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	23300	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Hexanone	ND	1	20	ug/L	11/22/03 AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03 AM
Methylene chloride	ND	1	5	ug/L	11/22/03 AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03 AM
Naphthalene	ND	1	5	ug/L	11/22/03 AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03 AM
o-Xylene	ND	1	5	ug/L	11/22/03 AM
Pentachloroethane	ND	1	5	ug/L	11/22/03 AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03 AM
Propionitrile	ND	1	100	ug/L	11/22/03 AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Styrene	ND	1	5	ug/L	11/22/03 AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03 AM
Toluene	ND	1	5	ug/L	11/22/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Trichloroethene	ND	1	5	ug/L	11/22/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03 AM
Vinyl acetate	ND	1	50	ug/L	11/22/03 AM
Vinyl chloride	ND	1	5	ug/L	11/22/03 AM
Xylenes, total	ND	1	5	ug/L	11/22/03 AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	93	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	114	%	70 - 135
Surr3 - Toluene-d8	102	%	70 - 135
Surr4 - p-Bromofluorobenzene	98	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478880 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-01

Date Sampled: 11/18/2003

Time Sampled: 12:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	83	%	10 - 123
2-Fluorobiphenyl (sur)	70	%	43 - 116
2-Fluorophenol (sur)	60	%	21 - 110
Nitrobenzene-d5 (sur)	74	%	34 - 114
Phenol-d5 (sur)	64	%	10 - 110
Terphenyl-d14 (sur)	106	%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	21850	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Hexanone	ND	1	20	ug/L	11/22/03 AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03 AM
Methylene chloride	ND	1	5	ug/L	11/22/03 AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03 AM
Naphthalene	ND	1	5	ug/L	11/22/03 AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03 AM
o-Xylene	ND	1	5	ug/L	11/22/03 AM
Pentachloroethane	ND	1	5	ug/L	11/22/03 AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03 AM
Propionitrile	ND	1	100	ug/L	11/22/03 AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Styrene	ND	1	5	ug/L	11/22/03 AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03 AM
Toluene	ND	1	5	ug/L	11/22/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Trichloroethene	ND	1	5	ug/L	11/22/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03 AM
Vinyl acetate	ND	1	50	ug/L	11/22/03 AM
Vinyl chloride	ND	1	5	ug/L	11/22/03 AM
Xylenes, total	ND	1	5	ug/L	11/22/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	111	%	70 - 135
Surr3 - Toluene-d8	98	%	70 - 135
Surr4 - p-Bromofluorobenzene	96	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478881 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-02

Date Sampled: 11/18/2003

Time Sampled: 11:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Pentachlorophenol	ND	1	50	ug/L	11/25/03 DP
Phenanthrene	ND	1	10	ug/L	11/25/03 DP
Phenol	ND	1	10	ug/L	11/25/03 DP
Pyrene	ND	1	10	ug/L	11/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	78	%	10 - 123
2-Fluorobiphenyl (sur)	80	%	43 - 116
2-Fluorophenol (sur)	63	%	21 - 110
Nitrobenzene-d5 (sur)	76	%	34 - 114
Phenol-d5 (sur)	63	%	10 - 110
Terphenyl-d14 (sur)	98	%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	18300	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Hexanone	ND	1	20	ug/L	11/22/03 AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03 AM
Methylene chloride	ND	1	5	ug/L	11/22/03 AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03 AM
Naphthalene	ND	1	5	ug/L	11/22/03 AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03 AM
o-Xylene	ND	1	5	ug/L	11/22/03 AM
Pentachloroethane	ND	1	5	ug/L	11/22/03 AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03 AM
Propionitrile	ND	1	100	ug/L	11/22/03 AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Styrene	ND	1	5	ug/L	11/22/03 AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03 AM
Toluene	ND	1	5	ug/L	11/22/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Trichloroethene	ND	1	5	ug/L	11/22/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03 AM
Vinyl acetate	ND	1	50	ug/L	11/22/03 AM
Vinyl chloride	ND	1	5	ug/L	11/22/03 AM
Xylenes, total	ND	1	5	ug/L	11/22/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	91	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	114	%	70 - 135
Surr3 - Toluene-d8	102	%	70 - 135
Surr4 - p-Bromofluorobenzene	98	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478882 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-03

Date Sampled: 11/18/2003

Time Sampled: 10:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Pentachlorophenol	ND	1	50	ug/L	11/25/03 DP
Phenanthrene	ND	1	10	ug/L	11/25/03 DP
Phenol	ND	1	10	ug/L	11/25/03 DP
Pyrene	ND	1	10	ug/L	11/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	84	%	10 - 123
2-Fluorobiphenyl (sur)	77	%	43 - 116
2-Fluorophenol (sur)	55	%	21 - 110
Nitrobenzene-d5 (sur)	71	%	34 - 114
Phenol-d5 (sur)	60	%	10 - 110
Terphenyl-d14 (sur)	97	%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	22340	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Hexanone	ND	1	20	ug/L	11/22/03 AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03 AM
Methylene chloride	ND	1	5	ug/L	11/22/03 AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03 AM
Naphthalene	ND	1	5	ug/L	11/22/03 AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03 AM
o-Xylene	ND	1	5	ug/L	11/22/03 AM
Pentachloroethane	ND	1	5	ug/L	11/22/03 AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03 AM
Propionitrile	ND	1	100	ug/L	11/22/03 AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Styrene	ND	1	5	ug/L	11/22/03 AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03 AM
Toluene	ND	1	5	ug/L	11/22/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Trichloroethene	ND	1	5	ug/L	11/22/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03 AM
Vinyl acetate	ND	1	50	ug/L	11/22/03 AM
Vinyl chloride	ND	1	5	ug/L	11/22/03 AM
Xylenes, total	ND	1	5	ug/L	11/22/03 AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	93	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	110	%	70 - 135
Surr3 - Toluene-d8	103	%	70 - 135
Surr4 - p-Bromofluorobenzene	99	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478883 **Client:** BHATE

Matrix: WATER **Client Sample ID:** LM-04

Date Sampled: 11/18/2003

Time Sampled: 08:30

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	90	%	10 - 123
2-Fluorobiphenyl (sur)	57	%	43 - 116
2-Fluorophenol (sur)	58	%	21 - 110
Nitrobenzene-d5 (sur)	74	%	34 - 114
Phenol-d5 (sur)	62	%	10 - 110
Terphenyl-d14 (sur)	103	%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	ND	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Hexanone	ND	1	20	ug/L	11/22/03 AM
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM
Methyl methacrylate	ND	1	5	ug/L	11/22/03 AM
Methylene chloride	ND	1	5	ug/L	11/22/03 AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03 AM
Naphthalene	ND	1	5	ug/L	11/22/03 AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03 AM
o-Xylene	ND	1	5	ug/L	11/22/03 AM
Pentachloroethane	ND	1	5	ug/L	11/22/03 AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03 AM
Propionitrile	ND	1	100	ug/L	11/22/03 AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Styrene	ND	1	5	ug/L	11/22/03 AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03 AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03 AM
Toluene	ND	1	5	ug/L	11/22/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Trichloroethene	ND	1	5	ug/L	11/22/03 AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03 AM
Vinyl acetate	ND	1	50	ug/L	11/22/03 AM
Vinyl chloride	ND	1	5	ug/L	11/22/03 AM
Xylenes, total	ND	1	5	ug/L	11/22/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	91	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	105	%	70 - 135
Surr3 - Toluene-d8	103	%	70 - 135
Surr4 - p-Bromofluorobenzene	99	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,3-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/24/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/24/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/24/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/24/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/24/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/24/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/24/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/24/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/24/03	DP
2-Methylphenol	ND	1	10	ug/L	11/24/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/24/03	DP
3-Methylphenol	ND	1	10	ug/L	11/24/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/24/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/24/03	DP
4-Methylphenol	ND	1	10	ug/L	11/24/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/24/03	DP
Acenaphthene	ND	1	10	ug/L	11/24/03	DP
Acenaphthylene	ND	1	10	ug/L	11/24/03	DP
Anthracene	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzidine	ND	1	50	ug/L	11/24/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/24/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/24/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/24/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/24/03	DP
Benzoic Acid	ND	1	10	ug/L	11/24/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/24/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/24/03	DP
Chrysene	ND	1	10	ug/L	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/24/03	DP
Dibenzofuran	ND	1	10	ug/L	11/24/03	DP
Diethylphthalate	ND	1	10	ug/L	11/24/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/24/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/24/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/24/03	DP
Fluoranthene	ND	1	10	ug/L	11/24/03	DP
Fluorene	ND	1	10	ug/L	11/24/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/24/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/24/03	DP
Hexachloroethane	ND	1	10	ug/L	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/24/03	DP
Isophorone	ND	1	10	ug/L	11/24/03	DP
Naphthalene	ND	1	10	ug/L	11/24/03	DP
Nitrobenzene	ND	1	10	ug/L	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478884 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Pentachlorophenol	ND	1	50	ug/L	11/24/03	DP
Phenanthrene	ND	1	10	ug/L	11/24/03	DP
Phenol	ND	1	10	ug/L	11/24/03	DP
Pyrene	ND	1	10	ug/L	11/24/03	DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	103	%	10 - 123
2-Fluorobiphenyl (sur)	81	%	43 - 116
2-Fluorophenol (sur)	61	%	21 - 110
Nitrobenzene-d5 (sur)	73	%	34 - 114
Phenol-d5 (sur)	53	%	10 - 110
Terphenyl-d14 (sur)	107	%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

120227

CHAIN OF CUSTODY RECORD

Date 11-19-03 Page 1 of 1

CLIENT BHATE ENVIRONMENTAL
ADDRESS 1641 VANDENGRIFT Rd. #1266
HOLLOMAN AFB NM 88330

PROJECT MANAGER Jerry Pelfrey
PHONE NUMBER 505-679-2100
SAMPLERS: (Signature) Kevin D. Germann

PROJECT NAME LANDFARM

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled X Frozen ___
Same Day _____ 24 Hr. _____
Regular _____ 48 Hr. _____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	SAMPLE TYPE AIR	SAMPLE TYPE SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
LM-01	LANDFARM	11-18-03	1200	/			5		VOC/8260, SVOC's/
LM-02	"	"	1130	/			5		8270, TDS/160.1
LM-03	"	"	1055	/			5		FOR ALL SAMPLES.
LM-04	"	"	0830	/			5		
									PUSH!

Relinquished by: (Signature) Kevin D. Germann 11-19-03
Received by: (Signature)
Date/Time 11-20 1055

Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time

Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX # 839181808240

I hereby authorize the performance of the above indicated work.

Kevin D. Germann

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 FAX 714/538-1209

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1111 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 120231
REPORTED 12/02/2003
RECEIVED 11/20/2003

PROJECT Landfarm

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
478899	MW-7
478900	MW-10
478901	MW-10B
478902	LF-B-10
478903	LF-A-7
478904	LF-A-7B
478905	Laboratory Method Blank-W
478906	Laboratory Method Blank-S

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing , all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	20420	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
2-Hexanone	ND	1	20	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	110	%	70 - 135
Surr3 - Toluene-d8	101	%	70 - 135
Surr4 - p-Bromofluorobenzene	97	%	70 - 135

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478899 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-7

Date Sampled: 11/18/2003

Time Sampled: 09:25

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst

8270C Acid/Base/Neutral Extractables

Surrogates				Units	Control Limits
2,4,6-Tribromophenol (sur)	63			%	10 - 123
2-Fluorobiphenyl (sur)	59			%	43 - 116
2-Fluorophenol (sur)	48			%	21 - 110
Nitrobenzene-d5 (sur)	60			%	34 - 114
Phenol-d5 (sur)	51			%	10 - 110
Terphenyl-d14 (sur)	100			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	22000	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
2-Hexanone	ND	1	20	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	94	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	112	%	70 - 135
Surr3 - Toluene-d8	100	%	70 - 135
Surr4 - p-Bromofluorobenzene	100	%	70 - 135

8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478900 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	67			%	10 - 123
2-Fluorobiphenyl (sur)	66			%	43 - 116
2-Fluorophenol (sur)	56			%	21 - 110
Nitrobenzene-d5 (sur)	70			%	34 - 114
Phenol-d5 (sur)	58			%	10 - 110
Terphenyl-d14 (sur)	96			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	23130	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
2-Hexanone	ND	1	20	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	111	%	70 - 135
Surr3 - Toluene-d8	100	%	70 - 135
Surr4 - p-Bromofluorobenzene	98	%	70 - 135

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,3-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/25/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/25/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/25/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/25/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/25/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/25/03	DP
2-Methylphenol	ND	1	10	ug/L	11/25/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/25/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/25/03	DP
3-Methylphenol	ND	1	10	ug/L	11/25/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/25/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/25/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/25/03	DP
4-Methylphenol	ND	1	10	ug/L	11/25/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/25/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/25/03	DP
Acenaphthene	ND	1	10	ug/L	11/25/03	DP
Acenaphthylene	ND	1	10	ug/L	11/25/03	DP
Anthracene	ND	1	10	ug/L	11/25/03	DP
Benzidine	ND	1	50	ug/L	11/25/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/25/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/25/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/25/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/25/03	DP
Benzoic Acid	ND	1	10	ug/L	11/25/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/25/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/25/03	DP
Chrysene	ND	1	10	ug/L	11/25/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/25/03	DP
Dibenzofuran	ND	1	10	ug/L	11/25/03	DP
Diethylphthalate	ND	1	10	ug/L	11/25/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/25/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/25/03	DP
Fluoranthene	ND	1	10	ug/L	11/25/03	DP
Fluorene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/25/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/25/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/25/03	DP
Hexachloroethane	ND	1	10	ug/L	11/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/25/03	DP
Isophorone	ND	1	10	ug/L	11/25/03	DP
Naphthalene	ND	1	10	ug/L	11/25/03	DP
Nitrobenzene	ND	1	10	ug/L	11/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/25/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/25/03	DP
Pentachlorophenol	ND	1	50	ug/L	11/25/03	DP
Phenanthrene	ND	1	10	ug/L	11/25/03	DP
Phenol	ND	1	10	ug/L	11/25/03	DP
Pyrene	ND	1	10	ug/L	11/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478901 **Client:** BHATE

Matrix: WATER **Client Sample ID:** MW-10B

Date Sampled: 11/18/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	82			%	10 - 123
2-Fluorobiphenyl (sur)	59			%	43 - 116
2-Fluorophenol (sur)	44			%	21 - 110
Nitrobenzene-d5 (sur)	57			%	34 - 114
Phenol-d5 (sur)	48			%	10 - 110
Terphenyl-d14 (sur)	99			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	11/20/03	AF
C10 - C22	ND	1	3	mg/Kg	11/20/03	AF
C22 - C36	ND	1	5	mg/Kg	11/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/03 AM
2-Hexanone	ND	1	5	ug/Kg	11/21/03 AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/03 AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/03 AM
Acetone	ND	1	50	ug/Kg	11/21/03 AM
Acetonitrile	ND	1	5	ug/Kg	11/21/03 AM
Acrolein	ND	1	200	ug/Kg	11/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Benzene	ND	1	5	ug/Kg	11/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/03 AM
Bromoform	ND	1	5	ug/Kg	11/21/03 AM
Bromomethane	ND	1	5	ug/Kg	11/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/03 AM
Chloroethane	ND	1	5	ug/Kg	11/21/03 AM
Chloroform	ND	1	5	ug/Kg	11/21/03 AM
Chloromethane	ND	1	5	ug/Kg	11/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/03 AM
Iodomethane	ND	1	5	ug/Kg	11/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/Kg	11/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/03 AM
Naphthalene	ND	1	5	ug/Kg	11/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/03 AM
o-Xylene	ND	1	5	ug/Kg	11/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/03 AM
Propionitrile	ND	1	5	ug/Kg	11/21/03 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
Styrene	ND	1	5	ug/Kg	11/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/03 AM
Toluene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/03 AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	96	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	115	%	70 - 135
Surr3 - Toluene-d8	101	%	70 - 135
Surr4 - p-Bromofluorobenzene	103	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/24/03	DP
3-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	11/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	11/24/03	DP
Anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzidine	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	11/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Chrysene	ND	1	333	ug/Kg	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	11/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Fluorene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachloroethane	ND	1	333	ug/Kg	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Isophorone	ND	1	333	ug/Kg	11/24/03	DP
Naphthalene	ND	1	333	ug/Kg	11/24/03	DP
Nitrobenzene	ND	1	333	ug/Kg	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/24/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
Phenanthrene	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478902 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-B-10

Date Sampled: 11/18/2003

Time Sampled: 14:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Phenol	ND	1	333	ug/Kg	11/24/03	DP
Pyrene	ND	1	333	ug/Kg	11/24/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	85			%	17 - 122	
2-Fluorobiphenyl (sur)	75			%	30 - 115	
2-Fluorophenol (sur)	54			%	25 - 121	
Nitrobenzene-d5 (sur)	62			%	23 - 120	
Phenol-d5 (sur)	84			%	24 - 113	
Terphenyl-d14 (sur)	105			%	18 - 137	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	11/20/03	AF
C10 - C22	ND	1	3	mg/Kg	11/20/03	AF
C22 - C36	ND	1	5	mg/Kg	11/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/03 AM
2-Hexanone	ND	1	5	ug/Kg	11/21/03 AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/03 AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/03 AM
Acetone	ND	1	50	ug/Kg	11/21/03 AM
Acetonitrile	ND	1	5	ug/Kg	11/21/03 AM
Acrolein	ND	1	200	ug/Kg	11/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Benzene	ND	1	5	ug/Kg	11/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/03 AM
Bromoform	ND	1	5	ug/Kg	11/21/03 AM
Bromomethane	ND	1	5	ug/Kg	11/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/03 AM
Chloroethane	ND	1	5	ug/Kg	11/21/03 AM
Chloroform	ND	1	5	ug/Kg	11/21/03 AM
Chloromethane	ND	1	5	ug/Kg	11/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/03 AM
Iodomethane	ND	1	5	ug/Kg	11/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/Kg	11/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/03 AM
Naphthalene	ND	1	5	ug/Kg	11/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/03 AM
o-Xylene	ND	1	5	ug/Kg	11/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/03 AM
Propionitrile	ND	1	5	ug/Kg	11/21/03 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
Styrene	ND	1	5	ug/Kg	11/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/03 AM
Toluene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/03 AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	95	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	114	%	70 - 135
Surr3 - Toluene-d8	98	%	70 - 135
Surr4 - p-Bromofluorobenzene	102	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/24/03	DP
3-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	11/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	11/24/03	DP
Anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzidine	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	11/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Chrysene	ND	1	333	ug/Kg	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	11/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Fluorene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachloroethane	ND	1	333	ug/Kg	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Isophorone	ND	1	333	ug/Kg	11/24/03	DP
Naphthalene	ND	1	333	ug/Kg	11/24/03	DP
Nitrobenzene	ND	1	333	ug/Kg	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/24/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
Phenanthrene	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478903 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Phenol	ND	1	333	ug/Kg	11/24/03	DP
Pyrene	ND	1	333	ug/Kg	11/24/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	82			%	17 - 122	
2-Fluorobiphenyl (sur)	68			%	30 - 115	
2-Fluorophenol (sur)	56			%	25 - 121	
Nitrobenzene-d5 (sur)	58			%	23 - 120	
Phenol-d5 (sur)	75			%	24 - 113	
Terphenyl-d14 (sur)	100			%	18 - 137	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	11/20/03	AF
C10 - C22	ND	1	3	mg/Kg	11/20/03	AF
C22 - C36	ND	1	5	mg/Kg	11/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/03 AM
2-Hexanone	ND	1	5	ug/Kg	11/21/03 AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/03 AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/03 AM
Acetone	ND	1	50	ug/Kg	11/21/03 AM
Acetonitrile	ND	1	5	ug/Kg	11/21/03 AM
Acrolein	ND	1	200	ug/Kg	11/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Benzene	ND	1	5	ug/Kg	11/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/03 AM
Bromoform	ND	1	5	ug/Kg	11/21/03 AM
Bromomethane	ND	1	5	ug/Kg	11/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/03 AM
Chloroethane	ND	1	5	ug/Kg	11/21/03 AM
Chloroform	ND	1	5	ug/Kg	11/21/03 AM
Chloromethane	ND	1	5	ug/Kg	11/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/03 AM
Iodomethane	ND	1	5	ug/Kg	11/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/Kg	11/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/03 AM
Naphthalene	ND	1	5	ug/Kg	11/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/03 AM
o-Xylene	ND	1	5	ug/Kg	11/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/03 AM
Propionitrile	ND	1	5	ug/Kg	11/21/03 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
Styrene	ND	1	5	ug/Kg	11/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/03 AM
Toluene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/03 AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	95	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	113	%	70 - 135
Surr3 - Toluene-d8	101	%	70 - 135
Surr4 - p-Bromofluorobenzene	100	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/24/03	DP
3-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	11/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	11/24/03	DP
Anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzidine	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	11/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Chrysene	ND	1	333	ug/Kg	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	11/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Fluorene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachloroethane	ND	1	333	ug/Kg	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Isophorone	ND	1	333	ug/Kg	11/24/03	DP
Naphthalene	ND	1	333	ug/Kg	11/24/03	DP
Nitrobenzene	ND	1	333	ug/Kg	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/24/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
Phenanthrene	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478904 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** LF-A-7B

Date Sampled: 11/18/2003

Time Sampled: 14:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Phenol	ND	1	333	ug/Kg	11/24/03 DP
Pyrene	ND	1	333	ug/Kg	11/24/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	94			%	17 - 122
2-Fluorobiphenyl (sur)	64			%	30 - 115
2-Fluorophenol (sur)	47			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	72			%	24 - 113
Terphenyl-d14 (sur)	102			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	ND	1	6.0	mg/L	11/20/03	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
1,1-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	11/22/03	AM
1,2-Dibromoethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloroethane	ND	1	5	ug/L	11/22/03	AM
1,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,3-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/L	11/22/03	AM
1,4-Dioxane	ND	1	57	ug/L	11/22/03	AM
1-Chlorohexane	ND	1	5	ug/L	11/22/03	AM
2,2-Dichloropropane	ND	1	5	ug/L	11/22/03	AM
2-Butanone (MEK)	ND	1	100	ug/L	11/22/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/L	11/22/03	AM
2-Chlorotoluene	ND	1	5	ug/L	11/22/03	AM
2-Hexanone	ND	1	20	ug/L	11/22/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
4-Chlorotoluene	ND	1	5	ug/L	11/22/03 AM
4-Methyl -2- Pentanone	ND	1	10	ug/L	11/22/03 AM
Acetone	ND	1	100	ug/L	11/22/03 AM
Acetonitrile	ND	1	50	ug/L	11/22/03 AM
Acrolein	ND	1	200	ug/L	11/22/03 AM
Acrylonitrile	ND	1	10	ug/L	11/22/03 AM
Allyl chloride	ND	1	5	ug/L	11/22/03 AM
Benzene	ND	1	1	ug/L	11/22/03 AM
Benzyl chloride	ND	1	5	ug/L	11/22/03 AM
Bromobenzene	ND	1	5	ug/L	11/22/03 AM
Bromochloromethane	ND	1	5	ug/L	11/22/03 AM
Bromodichloromethane	ND	1	5	ug/L	11/22/03 AM
Bromoform	ND	1	5	ug/L	11/22/03 AM
Bromomethane	ND	1	5	ug/L	11/22/03 AM
Carbon Disulfide	ND	1	5	ug/L	11/22/03 AM
Carbon tetrachloride	ND	1	5	ug/L	11/22/03 AM
Chlorobenzene	ND	1	5	ug/L	11/22/03 AM
Chloroethane	ND	1	5	ug/L	11/22/03 AM
Chloroform	ND	1	5	ug/L	11/22/03 AM
Chloromethane	ND	1	5	ug/L	11/22/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03 AM
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03 AM
Dibromochloromethane	ND	1	5	ug/L	11/22/03 AM
Dibromomethane	ND	1	5	ug/L	11/22/03 AM
Dichlorodifluoromethane	ND	1	5	ug/L	11/22/03 AM
Ethyl benzene	ND	1	5	ug/L	11/22/03 AM
Ethyl methacrylate	ND	1	50	ug/L	11/22/03 AM
Hexachlorobutadiene	ND	1	5	ug/L	11/22/03 AM
Iodomethane	ND	1	5	ug/L	11/22/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/L	11/22/03 AM
m and p-Xylene	ND	1	5	ug/L	11/22/03 AM
Methacrylonitrile	ND	1	35	ug/L	11/22/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Methyl methacrylate	ND	1	5	ug/L	11/22/03	AM
Methylene chloride	ND	1	5	ug/L	11/22/03	AM
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	11/22/03	AM
Naphthalene	ND	1	5	ug/L	11/22/03	AM
n-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
n-Propylbenzene	ND	1	5	ug/L	11/22/03	AM
o-Xylene	ND	1	5	ug/L	11/22/03	AM
Pentachloroethane	ND	1	5	ug/L	11/22/03	AM
p-Isopropyltoluene	ND	1	5	ug/L	11/22/03	AM
Propionitrile	ND	1	100	ug/L	11/22/03	AM
sec-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Styrene	ND	1	5	ug/L	11/22/03	AM
tert-Butylbenzene	ND	1	5	ug/L	11/22/03	AM
Tetrachloroethene	ND	1	5	ug/L	11/22/03	AM
Toluene	ND	1	5	ug/L	11/22/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/L	11/22/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/L	11/22/03	AM
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	11/22/03	AM
Trichloroethene	ND	1	5	ug/L	11/22/03	AM
Trichlorofluoromethane	ND	1	5	ug/L	11/22/03	AM
Vinyl acetate	ND	1	50	ug/L	11/22/03	AM
Vinyl chloride	ND	1	5	ug/L	11/22/03	AM
Xylenes, total	ND	1	5	ug/L	11/22/03	AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	105	%	70 - 135
Surr3 - Toluene-d8	103	%	70 - 135
Surr4 - p-Bromofluorobenzene	99	%	70 - 135

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,2-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,3-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
1,4-Dichlorobenzene	ND	1	10	ug/L	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	11/24/03	DP
2,4-Dichlorophenol	ND	1	10	ug/L	11/24/03	DP
2,4-Dimethylphenol	ND	1	10	ug/L	11/24/03	DP
2,4-Dinitrophenol	ND	1	50	ug/L	11/24/03	DP
2,4-Dinitrotoluene	ND	1	10	ug/L	11/24/03	DP
2,6-Dinitrotoluene	ND	1	10	ug/L	11/24/03	DP
2-Chloronaphthalene	ND	1	10	ug/L	11/24/03	DP
2-Chlorophenol	ND	1	10	ug/L	11/24/03	DP
2-Methylnaphthalene	ND	1	10	ug/L	11/24/03	DP
2-Methylphenol	ND	1	10	ug/L	11/24/03	DP
2-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
2-Nitrophenol	ND	1	10	ug/L	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	11/24/03	DP
3-Methylphenol	ND	1	10	ug/L	11/24/03	DP
3-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	11/24/03	DP
4-Chloroaniline	ND	1	10	ug/L	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	11/24/03	DP
4-Methylphenol	ND	1	10	ug/L	11/24/03	DP
4-Nitroaniline	ND	1	50	ug/L	11/24/03	DP
4-Nitrophenol	ND	1	50	ug/L	11/24/03	DP
Acenaphthene	ND	1	10	ug/L	11/24/03	DP
Acenaphthylene	ND	1	10	ug/L	11/24/03	DP
Anthracene	ND	1	10	ug/L	11/24/03	DP
Benzidine	ND	1	50	ug/L	11/24/03	DP
Benzo(a)anthracene	ND	1	10	ug/L	11/24/03	DP
Benzo(a)pyrene	ND	1	10	ug/L	11/24/03	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(g,h,i)perylene	ND	1	10	ug/L	11/24/03	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	11/24/03	DP
Benzoic Acid	ND	1	10	ug/L	11/24/03	DP
Benzyl alcohol	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	11/24/03	DP
Butylbenzylphthalate	ND	1	10	ug/L	11/24/03	DP
Chrysene	ND	1	10	ug/L	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	11/24/03	DP
Dibenzofuran	ND	1	10	ug/L	11/24/03	DP
Diethylphthalate	ND	1	10	ug/L	11/24/03	DP
Dimethylphthalate	ND	1	10	ug/L	11/24/03	DP
Di-n-butylphthalate	ND	1	10	ug/L	11/24/03	DP
Di-n-octylphthalate	ND	1	10	ug/L	11/24/03	DP
Fluoranthene	ND	1	10	ug/L	11/24/03	DP
Fluorene	ND	1	10	ug/L	11/24/03	DP
Hexachlorobenzene	ND	1	10	ug/L	11/24/03	DP
Hexachlorobutadiene	ND	1	10	ug/L	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	11/24/03	DP
Hexachloroethane	ND	1	10	ug/L	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	11/24/03	DP
Isophorone	ND	1	10	ug/L	11/24/03	DP
Naphthalene	ND	1	10	ug/L	11/24/03	DP
Nitrobenzene	ND	1	10	ug/L	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	11/24/03	DP
Pentachlorophenol	ND	1	50	ug/L	11/24/03	DP
Phenanthrene	ND	1	10	ug/L	11/24/03	DP
Phenol	ND	1	10	ug/L	11/24/03	DP
Pyrene	ND	1	10	ug/L	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478905 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst

8270C Acid/Base/Neutral Extractables

Surrogates				Units	Control Limits
2,4,6-Tribromophenol (sur)	103			%	10 - 123
2-Fluorobiphenyl (sur)	81			%	43 - 116
2-Fluorophenol (sur)	61			%	21 - 110
Nitrobenzene-d5 (sur)	73			%	34 - 114
Phenol-d5 (sur)	53			%	10 - 110
Terphenyl-d14 (sur)	107			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	11/20/03	AF
C10 - C22	ND	1	3	mg/Kg	11/20/03	AF
C22 - C36	ND	1	5	mg/Kg	11/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/03 AM
2-Hexanone	ND	1	5	ug/Kg	11/21/03 AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/03 AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/03 AM
Acetone	ND	1	50	ug/Kg	11/21/03 AM
Acetonitrile	ND	1	5	ug/Kg	11/21/03 AM
Acrolein	ND	1	200	ug/Kg	11/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Benzene	ND	1	5	ug/Kg	11/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/03 AM
Bromoform	ND	1	5	ug/Kg	11/21/03 AM
Bromomethane	ND	1	5	ug/Kg	11/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/03 AM
Chloroethane	ND	1	5	ug/Kg	11/21/03 AM
Chloroform	ND	1	5	ug/Kg	11/21/03 AM
Chloromethane	ND	1	5	ug/Kg	11/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/03 AM
Iodomethane	ND	1	5	ug/Kg	11/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/Kg	11/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/03 AM
Naphthalene	ND	1	5	ug/Kg	11/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/03 AM
o-Xylene	ND	1	5	ug/Kg	11/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/03 AM
Propionitrile	ND	1	5	ug/Kg	11/21/03 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
Styrene	ND	1	5	ug/Kg	11/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/03 AM
Toluene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/03 AM

Surrogates		**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	94	%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	111	%	70 - 135
Surr3 - Toluene-d8	100	%	70 - 135
Surr4 - p-Bromofluorobenzene	99	%	70 - 135

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/24/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/24/03	DP
3-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	11/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	11/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	11/24/03	DP
Anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzidine	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	11/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Chrysene	ND	1	333	ug/Kg	11/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	11/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	11/24/03	DP
Fluorene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/24/03	DP
Hexachloroethane	ND	1	333	ug/Kg	11/24/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/24/03	DP
Isophorone	ND	1	333	ug/Kg	11/24/03	DP
Naphthalene	ND	1	333	ug/Kg	11/24/03	DP
Nitrobenzene	ND	1	333	ug/Kg	11/24/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/24/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/24/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/24/03	DP
Phenanthrene	ND	1	333	ug/Kg	11/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 478906 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Phenol	ND	1	333	ug/Kg	11/24/03	DP
Pyrene	ND	1	333	ug/Kg	11/24/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	54			%	17 - 122	
2-Fluorobiphenyl (sur)	62			%	30 - 115	
2-Fluorophenol (sur)	56			%	25 - 121	
Nitrobenzene-d5 (sur)	60			%	23 - 120	
Phenol-d5 (sur)	83			%	24 - 113	
Terphenyl-d14 (sur)	86			%	18 - 137	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

120731

CHAIN OF CUSTODY RECORD

Date 11-19-03 Page 1 of 1

CLIENT BHATE ENVIRONMENTAL
ADDRESS 1641 VANDERGRIFT Rd. #1266
Holloman AFB NM 88330

PROJECT MANAGER Jerry Pelfrey
PHONE NUMBER 505-679-2100
SAMPLERS: (Signature) Kevin D. Yeomans

PROJECT NAME LANDFARM

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled X Frozen ___
Same Day _____ 24 Hr. _____
Regular _____ 48 Hr. _____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
MW-7	FT-31	11-18-03	0925	/			5		VOC's 8260, SVOC's
MW-10	FT-31	11-18-03	0900	/			5		8270, TDS 160.1
MW-10B	FT-31	11-18-03	0900	/			5		
									PUSH!
LF-B-10	LANDFARM	11-18-03	1440			/			VOC's 8260, SVOC's
LF-A-7	LANDFARM	11-18-03	1455			/			8270, TPH 8015
~~LF-B-10B~~	LANDFARM	11-18-03	1440			/			
	LF-A-7B, run the sample	11-18-03	1455						PUSH!
	using the ID on the jar,								
	not the C.O.C. per Kevin,								
	11-20-03 D.F. AV								

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kevin D. Yeomans 11-19-03		11-20-03 11:00
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX # 8391 8180 8230

I hereby authorize the performance of the above indicated work.

Kevin D. Yeomans

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1111 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 124953
REPORTED 02/27/2004
RECEIVED 02/21/2004

PROJECT FT-31 Landfarm

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
499919	LM01
499920	LM02
499921	LM03
499922	LM04
499923	A11
499924	B13
499925	B13-A
499926	Laboratory Method Blank-W
499927	Laboratory Method Blank-S

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing , all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 499919 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM01
Date Sampled: 02/20/2004
Time Sampled: 13:17
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	25200	1	6.0	mg/L	02/22/04	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/22/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/L	02/22/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/22/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/L	02/22/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/22/04	DP
1,1-Dichloroethane	ND	1	5	ug/L	02/22/04	DP
1,1-Dichloroethene	ND	1	5	ug/L	02/22/04	DP
1,1-Dichloropropene	ND	1	5	ug/L	02/22/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/22/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/L	02/22/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/22/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/L	02/22/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/22/04	DP
1,2-Dibromoethane	ND	1	5	ug/L	02/22/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/L	02/22/04	DP
1,2-Dichloroethane	ND	1	5	ug/L	02/22/04	DP
1,2-Dichloropropane	ND	1	5	ug/L	02/22/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/L	02/22/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/L	02/22/04	DP
1,3-Dichloropropane	ND	1	5	ug/L	02/22/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/L	02/22/04	DP
1-Chlorohexane	ND	1	5	ug/L	02/22/04	DP
2,2-Dichloropropane	ND	1	5	ug/L	02/22/04	DP
2-Butanone (MEK)	ND	1	100	ug/L	02/22/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/22/04	DP
2-Chlorotoluene	ND	1	5	ug/L	02/22/04	DP
2-Hexanone	ND	1	20	ug/L	02/22/04	DP
4-Chlorotoluene	ND	1	5	ug/L	02/22/04	DP
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/22/04	DP
Acetone	ND	1	100	ug/L	02/22/04	DP
Acetonitrile	ND	1	50	ug/L	02/22/04	DP
Acrolein	ND	1	200	ug/L	02/22/04	DP
Acrylonitrile	ND	1	10	ug/L	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499919 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM01
Date Sampled: 02/20/2004
Time Sampled: 13:17
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Allyl chloride	ND	1	5	ug/L	02/22/04 DP
Benzene	ND	1	1	ug/L	02/22/04 DP
Benzyl chloride	ND	1	5	ug/L	02/22/04 DP
Bromobenzene	ND	1	5	ug/L	02/22/04 DP
Bromochloromethane	ND	1	5	ug/L	02/22/04 DP
Bromodichloromethane	ND	1	5	ug/L	02/22/04 DP
Bromoform	ND	1	5	ug/L	02/22/04 DP
Bromomethane	ND	1	5	ug/L	02/22/04 DP
Carbon Disulfide	ND	1	5	ug/L	02/22/04 DP
Carbon tetrachloride	ND	1	5	ug/L	02/22/04 DP
Chlorobenzene	ND	1	5	ug/L	02/22/04 DP
Chloroethane	ND	1	5	ug/L	02/22/04 DP
Chloroform	ND	1	5	ug/L	02/22/04 DP
Chloromethane	ND	1	5	ug/L	02/22/04 DP
cis-1,2-Dichloroethene	ND	1	5	ug/L	02/22/04 DP
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/22/04 DP
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/22/04 DP
Dibromochloromethane	ND	1	5	ug/L	02/22/04 DP
Dibromomethane	ND	1	5	ug/L	02/22/04 DP
Dichlorodifluoromethane	ND	1	5	ug/L	02/22/04 DP
Ethyl benzene	ND	1	5	ug/L	02/22/04 DP
Ethyl methacrylate	ND	1	50	ug/L	02/22/04 DP
Hexachlorobutadiene	ND	1	5	ug/L	02/22/04 DP
Iodomethane	ND	1	5	ug/L	02/22/04 DP
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/22/04 DP
m and p-Xylene	ND	1	5	ug/L	02/22/04 DP
Methacrylonitrile	ND	1	35	ug/L	02/22/04 DP
Methyl methacrylate	ND	1	5	ug/L	02/22/04 DP
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	02/22/04 DP
Methylene chloride	ND	1	5	ug/L	02/22/04 DP
n-Butylbenzene	ND	1	5	ug/L	02/22/04 DP
n-Propylbenzene	ND	1	5	ug/L	02/22/04 DP
Naphthalene	ND	1	5	ug/L	02/22/04 DP
o-Xylene	ND	1	5	ug/L	02/22/04 DP
p-Isopropyltoluene	ND	1	5	ug/L	02/22/04 DP
Pentachloroethane	ND	1	5	ug/L	02/22/04 DP
Propionitrile	ND	1	100	ug/L	02/22/04 DP
sec-Butylbenzene	ND	1	5	ug/L	02/22/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499919 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM01
Date Sampled: 02/20/2004
Time Sampled: 13:17
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Styrene	ND	1	5	ug/L	02/22/04 DP
tert-Butylbenzene	ND	1	5	ug/L	02/22/04 DP
Tetrachloroethene	ND	1	5	ug/L	02/22/04 DP
Toluene	ND	1	5	ug/L	02/22/04 DP
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/22/04 DP
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/22/04 DP
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/22/04 DP
Trichloroethene	ND	1	5	ug/L	02/22/04 DP
Trichlorofluoromethane	ND	1	5	ug/L	02/22/04 DP
Vinyl acetate	ND	1	50	ug/L	02/22/04 DP
Vinyl chloride	ND	1	5	ug/L	02/22/04 DP
Xylenes, total	ND	1	5	ug/L	02/22/04 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	94			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	107			%	70 - 135
Surr3 - Toluene-d8	101			%	70 - 135
Surr4 - p-Bromofluorobenzene	98			%	70 - 135
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,2-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,3-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,4-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dichlorophenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dimethylphenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dinitrophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2,6-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2-Chloronaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Chlorophenol	ND	1	10	ug/L	02/24/04 DP
2-Methylnaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Methylphenol	ND	1	10	ug/L	02/24/04 DP
2-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
2-Nitrophenol	ND	1	10	ug/L	02/24/04 DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	02/24/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499919 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM01
Date Sampled: 02/20/2004
Time Sampled: 13:17
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3-Methylphenol	ND	1	10	ug/L	02/24/04 DP
3-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	02/24/04 DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	02/24/04 DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	02/24/04 DP
4-Chloroaniline	ND	1	10	ug/L	02/24/04 DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	02/24/04 DP
4-Methylphenol	ND	1	10	ug/L	02/24/04 DP
4-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
4-Nitrophenol	ND	1	50	ug/L	02/24/04 DP
Acenaphthene	ND	1	10	ug/L	02/24/04 DP
Acenaphthylene	ND	1	10	ug/L	02/24/04 DP
Anthracene	ND	1	10	ug/L	02/24/04 DP
Benzidine	ND	1	50	ug/L	02/24/04 DP
Benzo(a)anthracene	ND	1	10	ug/L	02/24/04 DP
Benzo(a)pyrene	ND	1	10	ug/L	02/24/04 DP
Benzo(b)fluoranthene	ND	1	10	ug/L	02/24/04 DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	02/24/04 DP
Benzo(k)fluoranthene	ND	1	10	ug/L	02/24/04 DP
Benzoic Acid	ND	1	10	ug/L	02/24/04 DP
Benzyl alcohol	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	02/24/04 DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	02/24/04 DP
Butylbenzylphthalate	ND	1	10	ug/L	02/24/04 DP
Chrysene	ND	1	10	ug/L	02/24/04 DP
Di-n-butylphthalate	ND	1	10	ug/L	02/24/04 DP
Di-n-octylphthalate	ND	1	10	ug/L	02/24/04 DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	02/24/04 DP
Dibenzofuran	ND	1	10	ug/L	02/24/04 DP
Diethylphthalate	ND	1	10	ug/L	02/24/04 DP
Dimethylphthalate	ND	1	10	ug/L	02/24/04 DP
Fluoranthene	ND	1	10	ug/L	02/24/04 DP
Fluorene	ND	1	10	ug/L	02/24/04 DP
Hexachlorobenzene	ND	1	10	ug/L	02/24/04 DP
Hexachlorobutadiene	ND	1	10	ug/L	02/24/04 DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	02/24/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499919 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM01
Date Sampled: 02/20/2004
Time Sampled: 13:17
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	10	ug/L	02/24/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	02/24/04 DP
Isophorone	ND	1	10	ug/L	02/24/04 DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	02/24/04 DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	02/24/04 DP
Naphthalene	ND	1	10	ug/L	02/24/04 DP
Nitrobenzene	ND	1	10	ug/L	02/24/04 DP
Pentachlorophenol	ND	1	50	ug/L	02/24/04 DP
Phenanthrene	ND	1	10	ug/L	02/24/04 DP
Phenol	ND	1	10	ug/L	02/24/04 DP
Pyrene	ND	1	10	ug/L	02/24/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	55			%	10 - 123
2-Fluorobiphenyl (sur)	44			%	43 - 116
2-Fluorophenol (sur)	39			%	21 - 110
Nitrobenzene-d5 (sur)	45			%	34 - 114
Phenol-d5 (sur)	33			%	10 - 110
Terphenyl-d14 (sur)	69			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499920 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM02
Date Sampled: 02/20/2004
Time Sampled: 13:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	23700	1	6.0	mg/L	02/22/04	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloroethene	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloropropene	ND	1	5	ug/L	02/23/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/L	02/23/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/L	02/23/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/23/04	DP
1,2-Dibromoethane	ND	1	5	ug/L	02/23/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2-Dichloroethane	ND	1	5	ug/L	02/23/04	DP
1,2-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/L	02/23/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,3-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1-Chlorohexane	ND	1	5	ug/L	02/23/04	DP
2,2-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
2-Butanone (MEK)	ND	1	100	ug/L	02/23/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/23/04	DP
2-Chlorotoluene	ND	1	5	ug/L	02/23/04	DP
2-Hexanone	ND	1	20	ug/L	02/23/04	DP
4-Chlorotoluene	ND	1	5	ug/L	02/23/04	DP
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/23/04	DP
Acetone	ND	1	100	ug/L	02/23/04	DP
Acetonitrile	ND	1	50	ug/L	02/23/04	DP
Acrolein	ND	1	200	ug/L	02/23/04	DP
Acrylonitrile	ND	1	10	ug/L	02/23/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499920 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM02
Date Sampled: 02/20/2004
Time Sampled: 13:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Allyl chloride	ND	1	5	ug/L	02/23/04	DP
Benzene	ND	1	1	ug/L	02/23/04	DP
Benzyl chloride	ND	1	5	ug/L	02/23/04	DP
Bromobenzene	ND	1	5	ug/L	02/23/04	DP
Bromochloromethane	ND	1	5	ug/L	02/23/04	DP
Bromodichloromethane	ND	1	5	ug/L	02/23/04	DP
Bromoform	ND	1	5	ug/L	02/23/04	DP
Bromomethane	ND	1	5	ug/L	02/23/04	DP
Carbon Disulfide	ND	1	5	ug/L	02/23/04	DP
Carbon tetrachloride	ND	1	5	ug/L	02/23/04	DP
Chlorobenzene	ND	1	5	ug/L	02/23/04	DP
Chloroethane	ND	1	5	ug/L	02/23/04	DP
Chloroform	ND	1	5	ug/L	02/23/04	DP
Chloromethane	ND	1	5	ug/L	02/23/04	DP
cis-1,2-Dichloroethene	ND	1	5	ug/L	02/23/04	DP
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/23/04	DP
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/23/04	DP
Dibromochloromethane	ND	1	5	ug/L	02/23/04	DP
Dibromomethane	ND	1	5	ug/L	02/23/04	DP
Dichlorodifluoromethane	ND	1	5	ug/L	02/23/04	DP
Ethyl benzene	ND	1	5	ug/L	02/23/04	DP
Ethyl methacrylate	ND	1	50	ug/L	02/23/04	DP
Hexachlorobutadiene	ND	1	5	ug/L	02/23/04	DP
Iodomethane	ND	1	5	ug/L	02/23/04	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/23/04	DP
m and p-Xylene	ND	1	5	ug/L	02/23/04	DP
Methacrylonitrile	ND	1	35	ug/L	02/23/04	DP
Methyl methacrylate	ND	1	5	ug/L	02/23/04	DP
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	02/23/04	DP
Methylene chloride	ND	1	5	ug/L	02/23/04	DP
n-Butylbenzene	ND	1	5	ug/L	02/23/04	DP
n-Propylbenzene	ND	1	5	ug/L	02/23/04	DP
Naphthalene	ND	1	5	ug/L	02/23/04	DP
o-Xylene	ND	1	5	ug/L	02/23/04	DP
p-Isopropyltoluene	ND	1	5	ug/L	02/23/04	DP
Pentachloroethane	ND	1	5	ug/L	02/23/04	DP
Propionitrile	ND	1	100	ug/L	02/23/04	DP
sec-Butylbenzene	ND	1	5	ug/L	02/23/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499920 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM02
Date Sampled: 02/20/2004
Time Sampled: 13:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Styrene	ND	1	5	ug/L	02/23/04 DP
tert-Butylbenzene	ND	1	5	ug/L	02/23/04 DP
Tetrachloroethene	ND	1	5	ug/L	02/23/04 DP
Toluene	ND	1	5	ug/L	02/23/04 DP
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/23/04 DP
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/23/04 DP
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/23/04 DP
Trichloroethene	ND	1	5	ug/L	02/23/04 DP
Trichlorofluoromethane	ND	1	5	ug/L	02/23/04 DP
Vinyl acetate	ND	1	50	ug/L	02/23/04 DP
Vinyl chloride	ND	1	5	ug/L	02/23/04 DP
Xylenes, total	ND	1	5	ug/L	02/23/04 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	96			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	101			%	70 - 135
Surr3 - Toluene-d8	110			%	70 - 135
Surr4 - p-Bromofluorobenzene	103			%	70 - 135
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,2-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,3-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,4-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dichlorophenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dimethylphenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dinitrophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2,6-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2-Chloronaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Chlorophenol	ND	1	10	ug/L	02/24/04 DP
2-Methylnaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Methylphenol	ND	1	10	ug/L	02/24/04 DP
2-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
2-Nitrophenol	ND	1	10	ug/L	02/24/04 DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	02/24/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499920 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM02
Date Sampled: 02/20/2004
Time Sampled: 13:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3-Methylphenol	ND	1	10	ug/L	02/24/04	DP
3-Nitroaniline	ND	1	50	ug/L	02/24/04	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	02/24/04	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	02/24/04	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	02/24/04	DP
4-Chloroaniline	ND	1	10	ug/L	02/24/04	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	02/24/04	DP
4-Methylphenol	ND	1	10	ug/L	02/24/04	DP
4-Nitroaniline	ND	1	50	ug/L	02/24/04	DP
4-Nitrophenol	ND	1	50	ug/L	02/24/04	DP
Acenaphthene	ND	1	10	ug/L	02/24/04	DP
Acenaphthylene	ND	1	10	ug/L	02/24/04	DP
Anthracene	ND	1	10	ug/L	02/24/04	DP
Benzidine	ND	1	50	ug/L	02/24/04	DP
Benzo(a)anthracene	ND	1	10	ug/L	02/24/04	DP
Benzo(a)pyrene	ND	1	10	ug/L	02/24/04	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	02/24/04	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	02/24/04	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	02/24/04	DP
Benzoic Acid	ND	1	10	ug/L	02/24/04	DP
Benzyl alcohol	ND	1	10	ug/L	02/24/04	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	02/24/04	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	02/24/04	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	02/24/04	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	02/24/04	DP
Butylbenzylphthalate	ND	1	10	ug/L	02/24/04	DP
Chrysene	ND	1	10	ug/L	02/24/04	DP
Di-n-butylphthalate	ND	1	10	ug/L	02/24/04	DP
Di-n-octylphthalate	ND	1	10	ug/L	02/24/04	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	02/24/04	DP
Dibenzofuran	ND	1	10	ug/L	02/24/04	DP
Diethylphthalate	ND	1	10	ug/L	02/24/04	DP
Dimethylphthalate	ND	1	10	ug/L	02/24/04	DP
Fluoranthene	ND	1	10	ug/L	02/24/04	DP
Fluorene	ND	1	10	ug/L	02/24/04	DP
Hexachlorobenzene	ND	1	10	ug/L	02/24/04	DP
Hexachlorobutadiene	ND	1	10	ug/L	02/24/04	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	02/24/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499920 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM02
Date Sampled: 02/20/2004
Time Sampled: 13:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	10	ug/L	02/24/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	02/24/04 DP
Isophorone	ND	1	10	ug/L	02/24/04 DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	02/24/04 DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	02/24/04 DP
Naphthalene	ND	1	10	ug/L	02/24/04 DP
Nitrobenzene	ND	1	10	ug/L	02/24/04 DP
Pentachlorophenol	ND	1	50	ug/L	02/24/04 DP
Phenanthrene	ND	1	10	ug/L	02/24/04 DP
Phenol	ND	1	10	ug/L	02/24/04 DP
Pyrene	ND	1	10	ug/L	02/24/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	66			%	10 - 123
2-Fluorobiphenyl (sur)	50			%	43 - 116
2-Fluorophenol (sur)	44			%	21 - 110
Nitrobenzene-d5 (sur)	52			%	34 - 114
Phenol-d5 (sur)	32			%	10 - 110
Terphenyl-d14 (sur)	63			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499921 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM03
Date Sampled: 02/20/2004
Time Sampled: 14:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	21300	1	6.0	mg/L	02/22/04	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloroethene	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloropropene	ND	1	5	ug/L	02/23/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/L	02/23/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/L	02/23/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/23/04	DP
1,2-Dibromoethane	ND	1	5	ug/L	02/23/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2-Dichloroethane	ND	1	5	ug/L	02/23/04	DP
1,2-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/L	02/23/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,3-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1-Chlorohexane	ND	1	5	ug/L	02/23/04	DP
2,2-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
2-Butanone (MEK)	ND	1	100	ug/L	02/23/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/23/04	DP
2-Chlorotoluene	ND	1	5	ug/L	02/23/04	DP
2-Hexanone	ND	1	20	ug/L	02/23/04	DP
4-Chlorotoluene	ND	1	5	ug/L	02/23/04	DP
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/23/04	DP
Acetone	ND	1	100	ug/L	02/23/04	DP
Acetonitrile	ND	1	50	ug/L	02/23/04	DP
Acrolein	ND	1	200	ug/L	02/23/04	DP
Acrylonitrile	ND	1	10	ug/L	02/23/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499921 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM03
Date Sampled: 02/20/2004
Time Sampled: 14:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Allyl chloride	ND	1	5	ug/L	02/23/04	DP
Benzene	ND	1	1	ug/L	02/23/04	DP
Benzyl chloride	ND	1	5	ug/L	02/23/04	DP
Bromobenzene	ND	1	5	ug/L	02/23/04	DP
Bromochloromethane	ND	1	5	ug/L	02/23/04	DP
Bromodichloromethane	ND	1	5	ug/L	02/23/04	DP
Bromoform	ND	1	5	ug/L	02/23/04	DP
Bromomethane	ND	1	5	ug/L	02/23/04	DP
Carbon Disulfide	ND	1	5	ug/L	02/23/04	DP
Carbon tetrachloride	ND	1	5	ug/L	02/23/04	DP
Chlorobenzene	ND	1	5	ug/L	02/23/04	DP
Chloroethane	ND	1	5	ug/L	02/23/04	DP
Chloroform	ND	1	5	ug/L	02/23/04	DP
Chloromethane	ND	1	5	ug/L	02/23/04	DP
cis-1,2-Dichloroethene	ND	1	5	ug/L	02/23/04	DP
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/23/04	DP
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/23/04	DP
Dibromochloromethane	ND	1	5	ug/L	02/23/04	DP
Dibromomethane	ND	1	5	ug/L	02/23/04	DP
Dichlorodifluoromethane	ND	1	5	ug/L	02/23/04	DP
Ethyl benzene	ND	1	5	ug/L	02/23/04	DP
Ethyl methacrylate	ND	1	50	ug/L	02/23/04	DP
Hexachlorobutadiene	ND	1	5	ug/L	02/23/04	DP
Iodomethane	ND	1	5	ug/L	02/23/04	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/23/04	DP
m and p-Xylene	ND	1	5	ug/L	02/23/04	DP
Methacrylonitrile	ND	1	35	ug/L	02/23/04	DP
Methyl methacrylate	ND	1	5	ug/L	02/23/04	DP
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	02/23/04	DP
Methylene chloride	ND	1	5	ug/L	02/23/04	DP
n-Butylbenzene	ND	1	5	ug/L	02/23/04	DP
n-Propylbenzene	ND	1	5	ug/L	02/23/04	DP
Naphthalene	ND	1	5	ug/L	02/23/04	DP
o-Xylene	ND	1	5	ug/L	02/23/04	DP
p-Isopropyltoluene	ND	1	5	ug/L	02/23/04	DP
Pentachloroethane	ND	1	5	ug/L	02/23/04	DP
Propionitrile	ND	1	100	ug/L	02/23/04	DP
sec-Butylbenzene	ND	1	5	ug/L	02/23/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499921 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM03
Date Sampled: 02/20/2004
Time Sampled: 14:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Styrene	ND	1	5	ug/L	02/23/04 DP
tert-Butylbenzene	ND	1	5	ug/L	02/23/04 DP
Tetrachloroethene	ND	1	5	ug/L	02/23/04 DP
Toluene	ND	1	5	ug/L	02/23/04 DP
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/23/04 DP
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/23/04 DP
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/23/04 DP
Trichloroethene	ND	1	5	ug/L	02/23/04 DP
Trichlorofluoromethane	ND	1	5	ug/L	02/23/04 DP
Vinyl acetate	ND	1	50	ug/L	02/23/04 DP
Vinyl chloride	ND	1	5	ug/L	02/23/04 DP
Xylenes, total	ND	1	5	ug/L	02/23/04 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	93			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 135
Surr3 - Toluene-d8	109			%	70 - 135
Surr4 - p-Bromofluorobenzene	95			%	70 - 135
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,2-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,3-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,4-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dichlorophenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dimethylphenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dinitrophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2,6-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2-Chloronaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Chlorophenol	ND	1	10	ug/L	02/24/04 DP
2-Methylnaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Methylphenol	ND	1	10	ug/L	02/24/04 DP
2-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
2-Nitrophenol	ND	1	10	ug/L	02/24/04 DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	02/24/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499921 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM03
Date Sampled: 02/20/2004
Time Sampled: 14:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3-Methylphenol	ND	1	10	ug/L	02/24/04 DP
3-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	02/24/04 DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	02/24/04 DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	02/24/04 DP
4-Chloroaniline	ND	1	10	ug/L	02/24/04 DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	02/24/04 DP
4-Methylphenol	ND	1	10	ug/L	02/24/04 DP
4-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
4-Nitrophenol	ND	1	50	ug/L	02/24/04 DP
Acenaphthene	ND	1	10	ug/L	02/24/04 DP
Acenaphthylene	ND	1	10	ug/L	02/24/04 DP
Anthracene	ND	1	10	ug/L	02/24/04 DP
Benzidine	ND	1	50	ug/L	02/24/04 DP
Benzo(a)anthracene	ND	1	10	ug/L	02/24/04 DP
Benzo(a)pyrene	ND	1	10	ug/L	02/24/04 DP
Benzo(b)fluoranthene	ND	1	10	ug/L	02/24/04 DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	02/24/04 DP
Benzo(k)fluoranthene	ND	1	10	ug/L	02/24/04 DP
Benzoic Acid	ND	1	10	ug/L	02/24/04 DP
Benzyl alcohol	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	02/24/04 DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	02/24/04 DP
Butylbenzylphthalate	ND	1	10	ug/L	02/24/04 DP
Chrysene	ND	1	10	ug/L	02/24/04 DP
Di-n-butylphthalate	ND	1	10	ug/L	02/24/04 DP
Di-n-octylphthalate	ND	1	10	ug/L	02/24/04 DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	02/24/04 DP
Dibenzofuran	ND	1	10	ug/L	02/24/04 DP
Diethylphthalate	ND	1	10	ug/L	02/24/04 DP
Dimethylphthalate	ND	1	10	ug/L	02/24/04 DP
Fluoranthene	ND	1	10	ug/L	02/24/04 DP
Fluorene	ND	1	10	ug/L	02/24/04 DP
Hexachlorobenzene	ND	1	10	ug/L	02/24/04 DP
Hexachlorobutadiene	ND	1	10	ug/L	02/24/04 DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	02/24/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499921 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM03
Date Sampled: 02/20/2004
Time Sampled: 14:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	10	ug/L	02/24/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	02/24/04 DP
Isophorone	ND	1	10	ug/L	02/24/04 DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	02/24/04 DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	02/24/04 DP
Naphthalene	ND	1	10	ug/L	02/24/04 DP
Nitrobenzene	ND	1	10	ug/L	02/24/04 DP
Pentachlorophenol	ND	1	50	ug/L	02/24/04 DP
Phenanthrene	ND	1	10	ug/L	02/24/04 DP
Phenol	ND	1	10	ug/L	02/24/04 DP
Pyrene	ND	1	10	ug/L	02/24/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	74			%	10 - 123
2-Fluorobiphenyl (sur)	45			%	43 - 116
2-Fluorophenol (sur)	43			%	21 - 110
Nitrobenzene-d5 (sur)	48			%	34 - 114
Phenol-d5 (sur)	33			%	10 - 110
Terphenyl-d14 (sur)	83			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499922 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM04
Date Sampled: 02/20/2004
Time Sampled: 14:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	23800	1	6.0	mg/L	02/22/04	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloroethene	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloropropene	ND	1	5	ug/L	02/23/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/L	02/23/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/L	02/23/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/23/04	DP
1,2-Dibromoethane	ND	1	5	ug/L	02/23/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2-Dichloroethane	ND	1	5	ug/L	02/23/04	DP
1,2-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/L	02/23/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,3-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1-Chlorohexane	ND	1	5	ug/L	02/23/04	DP
2,2-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
2-Butanone (MEK)	ND	1	100	ug/L	02/23/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/23/04	DP
2-Chlorotoluene	ND	1	5	ug/L	02/23/04	DP
2-Hexanone	ND	1	20	ug/L	02/23/04	DP
4-Chlorotoluene	ND	1	5	ug/L	02/23/04	DP
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/23/04	DP
Acetone	ND	1	100	ug/L	02/23/04	DP
Acetonitrile	ND	1	50	ug/L	02/23/04	DP
Acrolein	ND	1	200	ug/L	02/23/04	DP
Acrylonitrile	ND	1	10	ug/L	02/23/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499922 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM04
Date Sampled: 02/20/2004
Time Sampled: 14:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Allyl chloride	ND	1	5	ug/L	02/23/04 DP
Benzene	ND	1	1	ug/L	02/23/04 DP
Benzyl chloride	ND	1	5	ug/L	02/23/04 DP
Bromobenzene	ND	1	5	ug/L	02/23/04 DP
Bromochloromethane	ND	1	5	ug/L	02/23/04 DP
Bromodichloromethane	ND	1	5	ug/L	02/23/04 DP
Bromoform	ND	1	5	ug/L	02/23/04 DP
Bromomethane	ND	1	5	ug/L	02/23/04 DP
Carbon Disulfide	ND	1	5	ug/L	02/23/04 DP
Carbon tetrachloride	ND	1	5	ug/L	02/23/04 DP
Chlorobenzene	ND	1	5	ug/L	02/23/04 DP
Chloroethane	ND	1	5	ug/L	02/23/04 DP
Chloroform	ND	1	5	ug/L	02/23/04 DP
Chloromethane	ND	1	5	ug/L	02/23/04 DP
cis-1,2-Dichloroethene	ND	1	5	ug/L	02/23/04 DP
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/23/04 DP
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/23/04 DP
Dibromochloromethane	ND	1	5	ug/L	02/23/04 DP
Dibromomethane	ND	1	5	ug/L	02/23/04 DP
Dichlorodifluoromethane	ND	1	5	ug/L	02/23/04 DP
Ethyl benzene	ND	1	5	ug/L	02/23/04 DP
Ethyl methacrylate	ND	1	50	ug/L	02/23/04 DP
Hexachlorobutadiene	ND	1	5	ug/L	02/23/04 DP
Iodomethane	ND	1	5	ug/L	02/23/04 DP
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/23/04 DP
m and p-Xylene	ND	1	5	ug/L	02/23/04 DP
Methacrylonitrile	ND	1	35	ug/L	02/23/04 DP
Methyl methacrylate	ND	1	5	ug/L	02/23/04 DP
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	02/23/04 DP
Methylene chloride	ND	1	5	ug/L	02/23/04 DP
n-Butylbenzene	ND	1	5	ug/L	02/23/04 DP
n-Propylbenzene	ND	1	5	ug/L	02/23/04 DP
Naphthalene	ND	1	5	ug/L	02/23/04 DP
o-Xylene	ND	1	5	ug/L	02/23/04 DP
p-Isopropyltoluene	ND	1	5	ug/L	02/23/04 DP
Pentachloroethane	ND	1	5	ug/L	02/23/04 DP
Propionitrile	ND	1	100	ug/L	02/23/04 DP
sec-Butylbenzene	ND	1	5	ug/L	02/23/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499922 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM04
Date Sampled: 02/20/2004
Time Sampled: 14:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Styrene	ND	1	5	ug/L	02/23/04 DP
tert-Butylbenzene	ND	1	5	ug/L	02/23/04 DP
Tetrachloroethene	ND	1	5	ug/L	02/23/04 DP
Toluene	ND	1	5	ug/L	02/23/04 DP
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/23/04 DP
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/23/04 DP
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/23/04 DP
Trichloroethene	ND	1	5	ug/L	02/23/04 DP
Trichlorofluoromethane	ND	1	5	ug/L	02/23/04 DP
Vinyl acetate	ND	1	50	ug/L	02/23/04 DP
Vinyl chloride	ND	1	5	ug/L	02/23/04 DP
Xylenes, total	ND	1	5	ug/L	02/23/04 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	97			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	104			%	70 - 135
Surr3 - Toluene-d8	109			%	70 - 135
Surr4 - p-Bromofluorobenzene	98			%	70 - 135
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,2-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,3-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,4-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dichlorophenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dimethylphenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dinitrophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2,6-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2-Chloronaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Chlorophenol	ND	1	10	ug/L	02/24/04 DP
2-Methylnaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Methylphenol	ND	1	10	ug/L	02/24/04 DP
2-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
2-Nitrophenol	ND	1	10	ug/L	02/24/04 DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	02/24/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499922 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM04
Date Sampled: 02/20/2004
Time Sampled: 14:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3-Methylphenol	ND	1	10	ug/L	02/24/04	DP
3-Nitroaniline	ND	1	50	ug/L	02/24/04	DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	02/24/04	DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	02/24/04	DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	02/24/04	DP
4-Chloroaniline	ND	1	10	ug/L	02/24/04	DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	02/24/04	DP
4-Methylphenol	ND	1	10	ug/L	02/24/04	DP
4-Nitroaniline	ND	1	50	ug/L	02/24/04	DP
4-Nitrophenol	ND	1	50	ug/L	02/24/04	DP
Acenaphthene	ND	1	10	ug/L	02/24/04	DP
Acenaphthylene	ND	1	10	ug/L	02/24/04	DP
Anthracene	ND	1	10	ug/L	02/24/04	DP
Benzidine	ND	1	50	ug/L	02/24/04	DP
Benzo(a)anthracene	ND	1	10	ug/L	02/24/04	DP
Benzo(a)pyrene	ND	1	10	ug/L	02/24/04	DP
Benzo(b)fluoranthene	ND	1	10	ug/L	02/24/04	DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	02/24/04	DP
Benzo(k)fluoranthene	ND	1	10	ug/L	02/24/04	DP
Benzoic Acid	ND	1	10	ug/L	02/24/04	DP
Benzyl alcohol	ND	1	10	ug/L	02/24/04	DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	02/24/04	DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	02/24/04	DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	02/24/04	DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	02/24/04	DP
Butylbenzylphthalate	ND	1	10	ug/L	02/24/04	DP
Chrysene	ND	1	10	ug/L	02/24/04	DP
Di-n-butylphthalate	ND	1	10	ug/L	02/24/04	DP
Di-n-octylphthalate	ND	1	10	ug/L	02/24/04	DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	02/24/04	DP
Dibenzofuran	ND	1	10	ug/L	02/24/04	DP
Diethylphthalate	ND	1	10	ug/L	02/24/04	DP
Dimethylphthalate	ND	1	10	ug/L	02/24/04	DP
Fluoranthene	ND	1	10	ug/L	02/24/04	DP
Fluorene	ND	1	10	ug/L	02/24/04	DP
Hexachlorobenzene	ND	1	10	ug/L	02/24/04	DP
Hexachlorobutadiene	ND	1	10	ug/L	02/24/04	DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	02/24/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499922 **Client:** BHATE
Matrix: WATER **Client Sample ID:** LM04
Date Sampled: 02/20/2004
Time Sampled: 14:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	10	ug/L	02/24/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	02/24/04 DP
Isophorone	ND	1	10	ug/L	02/24/04 DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	02/24/04 DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	02/24/04 DP
Naphthalene	ND	1	10	ug/L	02/24/04 DP
Nitrobenzene	ND	1	10	ug/L	02/24/04 DP
Pentachlorophenol	ND	1	50	ug/L	02/24/04 DP
Phenanthrene	ND	1	10	ug/L	02/24/04 DP
Phenol	ND	1	10	ug/L	02/24/04 DP
Pyrene	ND	1	10	ug/L	02/24/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	64			%	10 - 123
2-Fluorobiphenyl (sur)	47			%	43 - 116
2-Fluorophenol (sur)	46			%	21 - 110
Nitrobenzene-d5 (sur)	50			%	34 - 114
Phenol-d5 (sur)	38			%	10 - 110
Terphenyl-d14 (sur)	64			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499923 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** A11
Date Sampled: 02/20/2004
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	02/24/04	AF
C10 - C22	ND	1	3	mg/Kg	02/24/04	AF
C22 - C36	ND	1	5	mg/Kg	02/24/04	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	02/22/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1-Chlorohexane	ND	1	5	ug/Kg	02/22/04	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	02/22/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	02/22/04	DP
2-Chlorotoluene	ND	1	5	ug/Kg	02/22/04	DP
2-Hexanone	ND	1	5	ug/Kg	02/22/04	DP
4-Chlorotoluene	ND	1	5	ug/Kg	02/22/04	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	02/22/04	DP
Acetone	ND	1	50	ug/Kg	02/22/04	DP
Acetonitrile	ND	1	5	ug/Kg	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499923 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** A11
Date Sampled: 02/20/2004
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acrolein	ND	1	200	ug/Kg	02/22/04	DP
Acrylonitrile	ND	1	5	ug/Kg	02/22/04	DP
Allyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Benzene	ND	1	5	ug/Kg	02/22/04	DP
Benzyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Bromobenzene	ND	1	5	ug/Kg	02/22/04	DP
Bromochloromethane	ND	1	5	ug/Kg	02/22/04	DP
Bromodichloromethane	ND	1	5	ug/Kg	02/22/04	DP
Bromoform	ND	1	5	ug/Kg	02/22/04	DP
Bromomethane	ND	1	5	ug/Kg	02/22/04	DP
Carbon Disulfide	ND	1	5	ug/Kg	02/22/04	DP
Carbon tetrachloride	ND	1	5	ug/Kg	02/22/04	DP
Chlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
Chloroethane	ND	1	5	ug/Kg	02/22/04	DP
Chloroform	ND	1	5	ug/Kg	02/22/04	DP
Chloromethane	ND	1	5	ug/Kg	02/22/04	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	02/22/04	DP
Dibromochloromethane	ND	1	5	ug/Kg	02/22/04	DP
Dibromomethane	ND	1	5	ug/Kg	02/22/04	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	02/22/04	DP
Ethyl benzene	ND	1	5	ug/Kg	02/22/04	DP
Ethyl methacrylate	ND	1	5	ug/Kg	02/22/04	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	02/22/04	DP
Iodomethane	ND	1	5	ug/Kg	02/22/04	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	02/22/04	DP
m and p-Xylene	ND	1	5	ug/Kg	02/22/04	DP
Methacrylonitrile	ND	1	5	ug/Kg	02/22/04	DP
Methyl methacrylate	ND	1	5	ug/Kg	02/22/04	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	02/22/04	DP
Methylene chloride	ND	1	5	ug/Kg	02/22/04	DP
n-Butylbenzene	ND	1	5	ug/Kg	02/22/04	DP
n-Propylbenzene	ND	1	5	ug/Kg	02/22/04	DP
Naphthalene	ND	1	5	ug/Kg	02/22/04	DP
o-Xylene	ND	1	5	ug/Kg	02/22/04	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	02/22/04	DP
Pentachloroethane	ND	1	5	ug/Kg	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499923 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** A11
Date Sampled: 02/20/2004
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Propionitrile	ND	1	5	ug/Kg	02/22/04 DP
sec-Butylbenzene	ND	1	5	ug/Kg	02/22/04 DP
Styrene	ND	1	5	ug/Kg	02/22/04 DP
tert-Butylbenzene	ND	1	5	ug/Kg	02/22/04 DP
Tetrachloroethene	ND	1	5	ug/Kg	02/22/04 DP
Toluene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	02/22/04 DP
Trichloroethene	ND	1	5	ug/Kg	02/22/04 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	02/22/04 DP
Vinyl acetate	ND	1	50	ug/Kg	02/22/04 DP
Vinyl chloride	ND	1	5	ug/Kg	02/22/04 DP
Xylenes, total	ND	1	5	ug/Kg	02/22/04 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	95			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	105			%	70 - 135
Surr3 - Toluene-d8	109			%	70 - 135
Surr4 - p-Bromofluorobenzene	96			%	70 - 135
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	02/26/04 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	02/26/04 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	02/26/04 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	02/26/04 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	02/26/04 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	02/26/04 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	02/26/04 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	02/26/04 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	02/26/04 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	02/26/04 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	02/26/04 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	02/26/04 DP
2-Chlorophenol	ND	1	333	ug/Kg	02/26/04 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	02/26/04 DP
2-Methylphenol	ND	1	333	ug/Kg	02/26/04 DP
2-Nitroaniline	ND	1	1665	ug/Kg	02/26/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499923 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** A11
Date Sampled: 02/20/2004
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitrophenol	ND	1	333	ug/Kg	02/26/04 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	02/26/04 DP
3-Methylphenol	ND	1	333	ug/Kg	02/26/04 DP
3-Nitroaniline	ND	1	1665	ug/Kg	02/26/04 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	02/26/04 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	02/26/04 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	02/26/04 DP
4-Chloroaniline	ND	1	333	ug/Kg	02/26/04 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	02/26/04 DP
4-Methylphenol	ND	1	333	ug/Kg	02/26/04 DP
4-Nitroaniline	ND	1	1665	ug/Kg	02/26/04 DP
4-Nitrophenol	ND	1	1665	ug/Kg	02/26/04 DP
Acenaphthene	ND	1	333	ug/Kg	02/26/04 DP
Acenaphthylene	ND	1	333	ug/Kg	02/26/04 DP
Anthracene	ND	1	333	ug/Kg	02/26/04 DP
Benzidine	ND	1	333	ug/Kg	02/26/04 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	02/26/04 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	02/26/04 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	02/26/04 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	02/26/04 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	02/26/04 DP
Benzoic Acid	ND	1	333	ug/Kg	02/26/04 DP
Benzyl alcohol	ND	1	333	ug/Kg	02/26/04 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	02/26/04 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	02/26/04 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	02/26/04 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	02/26/04 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Chrysene	ND	1	333	ug/Kg	02/26/04 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	02/26/04 DP
Dibenzofuran	ND	1	333	ug/Kg	02/26/04 DP
Diethylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Dimethylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Fluoranthene	ND	1	333	ug/Kg	02/26/04 DP
Fluorene	ND	1	333	ug/Kg	02/26/04 DP
Hexachlorobenzene	ND	1	333	ug/Kg	02/26/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499923 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** A11
Date Sampled: 02/20/2004
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	02/26/04 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	02/26/04 DP
Hexachloroethane	ND	1	333	ug/Kg	02/26/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	02/26/04 DP
Isophorone	ND	1	333	ug/Kg	02/26/04 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	02/26/04 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	02/26/04 DP
Naphthalene	ND	1	333	ug/Kg	02/26/04 DP
Nitrobenzene	ND	1	333	ug/Kg	02/26/04 DP
Pentachlorophenol	ND	1	1665	ug/Kg	02/26/04 DP
Phenanthrene	ND	1	333	ug/Kg	02/26/04 DP
Phenol	ND	1	333	ug/Kg	02/26/04 DP
Pyrene	ND	1	333	ug/Kg	02/26/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	82			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	56			%	25 - 121
Nitrobenzene-d5 (sur)	46			%	23 - 120
Phenol-d5 (sur)	58			%	24 - 113
Terphenyl-d14 (sur)	94			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499924 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	02/24/04	AF
C10 - C22	ND	1	3	mg/Kg	02/24/04	AF
C22 - C36	ND	1	5	mg/Kg	02/24/04	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	02/22/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1-Chlorohexane	ND	1	5	ug/Kg	02/22/04	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	02/22/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	02/22/04	DP
2-Chlorotoluene	ND	1	5	ug/Kg	02/22/04	DP
2-Hexanone	ND	1	5	ug/Kg	02/22/04	DP
4-Chlorotoluene	ND	1	5	ug/Kg	02/22/04	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	02/22/04	DP
Acetone	ND	1	50	ug/Kg	02/22/04	DP
Acetonitrile	ND	1	5	ug/Kg	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499924 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acrolein	ND	1	200	ug/Kg	02/22/04	DP
Acrylonitrile	ND	1	5	ug/Kg	02/22/04	DP
Allyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Benzene	ND	1	5	ug/Kg	02/22/04	DP
Benzyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Bromobenzene	ND	1	5	ug/Kg	02/22/04	DP
Bromochloromethane	ND	1	5	ug/Kg	02/22/04	DP
Bromodichloromethane	ND	1	5	ug/Kg	02/22/04	DP
Bromoform	ND	1	5	ug/Kg	02/22/04	DP
Bromomethane	ND	1	5	ug/Kg	02/22/04	DP
Carbon Disulfide	ND	1	5	ug/Kg	02/22/04	DP
Carbon tetrachloride	ND	1	5	ug/Kg	02/22/04	DP
Chlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
Chloroethane	ND	1	5	ug/Kg	02/22/04	DP
Chloroform	ND	1	5	ug/Kg	02/22/04	DP
Chloromethane	ND	1	5	ug/Kg	02/22/04	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	02/22/04	DP
Dibromochloromethane	ND	1	5	ug/Kg	02/22/04	DP
Dibromomethane	ND	1	5	ug/Kg	02/22/04	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	02/22/04	DP
Ethyl benzene	ND	1	5	ug/Kg	02/22/04	DP
Ethyl methacrylate	ND	1	5	ug/Kg	02/22/04	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	02/22/04	DP
Iodomethane	ND	1	5	ug/Kg	02/22/04	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	02/22/04	DP
m and p-Xylene	ND	1	5	ug/Kg	02/22/04	DP
Methacrylonitrile	ND	1	5	ug/Kg	02/22/04	DP
Methyl methacrylate	ND	1	5	ug/Kg	02/22/04	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	02/22/04	DP
Methylene chloride	ND	1	5	ug/Kg	02/22/04	DP
n-Butylbenzene	ND	1	5	ug/Kg	02/22/04	DP
n-Propylbenzene	ND	1	5	ug/Kg	02/22/04	DP
Naphthalene	ND	1	5	ug/Kg	02/22/04	DP
o-Xylene	ND	1	5	ug/Kg	02/22/04	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	02/22/04	DP
Pentachloroethane	ND	1	5	ug/Kg	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499924 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Propionitrile	ND	1	5	ug/Kg	02/22/04 DP
sec-Butylbenzene	ND	1	5	ug/Kg	02/22/04 DP
Styrene	ND	1	5	ug/Kg	02/22/04 DP
tert-Butylbenzene	ND	1	5	ug/Kg	02/22/04 DP
Tetrachloroethene	ND	1	5	ug/Kg	02/22/04 DP
Toluene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	02/22/04 DP
Trichloroethene	ND	1	5	ug/Kg	02/22/04 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	02/22/04 DP
Vinyl acetate	ND	1	50	ug/Kg	02/22/04 DP
Vinyl chloride	ND	1	5	ug/Kg	02/22/04 DP
Xylenes, total	ND	1	5	ug/Kg	02/22/04 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	94			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	106			%	70 - 135
Surr3 - Toluene-d8	105			%	70 - 135
Surr4 - p-Bromofluorobenzene	97			%	70 - 135
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	02/27/04 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	02/27/04 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	02/27/04 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	02/27/04 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	02/27/04 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	02/27/04 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	02/27/04 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	02/27/04 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	02/27/04 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	02/27/04 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	02/27/04 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	02/27/04 DP
2-Chlorophenol	ND	1	333	ug/Kg	02/27/04 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	02/27/04 DP
2-Methylphenol	ND	1	333	ug/Kg	02/27/04 DP
2-Nitroaniline	ND	1	1665	ug/Kg	02/27/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499924 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitrophenol	ND	1	333	ug/Kg	02/27/04	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	02/27/04	DP
3-Methylphenol	ND	1	333	ug/Kg	02/27/04	DP
3-Nitroaniline	ND	1	1665	ug/Kg	02/27/04	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	02/27/04	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	02/27/04	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	02/27/04	DP
4-Chloroaniline	ND	1	333	ug/Kg	02/27/04	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	02/27/04	DP
4-Methylphenol	ND	1	333	ug/Kg	02/27/04	DP
4-Nitroaniline	ND	1	1665	ug/Kg	02/27/04	DP
4-Nitrophenol	ND	1	1665	ug/Kg	02/27/04	DP
Acenaphthene	ND	1	333	ug/Kg	02/27/04	DP
Acenaphthylene	ND	1	333	ug/Kg	02/27/04	DP
Anthracene	ND	1	333	ug/Kg	02/27/04	DP
Benzidine	ND	1	333	ug/Kg	02/27/04	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	02/27/04	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	02/27/04	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	02/27/04	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	02/27/04	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	02/27/04	DP
Benzoic Acid	ND	1	333	ug/Kg	02/27/04	DP
Benzyl alcohol	ND	1	333	ug/Kg	02/27/04	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	02/27/04	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	02/27/04	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	02/27/04	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	02/27/04	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	02/27/04	DP
Chrysene	ND	1	333	ug/Kg	02/27/04	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	02/27/04	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	02/27/04	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	02/27/04	DP
Dibenzofuran	ND	1	333	ug/Kg	02/27/04	DP
Diethylphthalate	ND	1	333	ug/Kg	02/27/04	DP
Dimethylphthalate	ND	1	333	ug/Kg	02/27/04	DP
Fluoranthene	ND	1	333	ug/Kg	02/27/04	DP
Fluorene	ND	1	333	ug/Kg	02/27/04	DP
Hexachlorobenzene	ND	1	333	ug/Kg	02/27/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499924 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	02/27/04 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	02/27/04 DP
Hexachloroethane	ND	1	333	ug/Kg	02/27/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	02/27/04 DP
Isophorone	ND	1	333	ug/Kg	02/27/04 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	02/27/04 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	02/27/04 DP
Naphthalene	ND	1	333	ug/Kg	02/27/04 DP
Nitrobenzene	ND	1	333	ug/Kg	02/27/04 DP
Pentachlorophenol	ND	1	1665	ug/Kg	02/27/04 DP
Phenanthrene	ND	1	333	ug/Kg	02/27/04 DP
Phenol	ND	1	333	ug/Kg	02/27/04 DP
Pyrene	ND	1	333	ug/Kg	02/27/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	72			%	17 - 122
2-Fluorobiphenyl (sur)	58			%	30 - 115
2-Fluorophenol (sur)	61			%	25 - 121
Nitrobenzene-d5 (sur)	56			%	23 - 120
Phenol-d5 (sur)	65			%	24 - 113
Terphenyl-d14 (sur)	95			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499925 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13-A
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	02/24/04	AF
C10 - C22	ND	1	3	mg/Kg	02/24/04	AF
C22 - C36	ND	1	5	mg/Kg	02/24/04	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	02/22/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1-Chlorohexane	ND	1	5	ug/Kg	02/22/04	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	02/22/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	02/22/04	DP
2-Chlorotoluene	ND	1	5	ug/Kg	02/22/04	DP
2-Hexanone	ND	1	5	ug/Kg	02/22/04	DP
4-Chlorotoluene	ND	1	5	ug/Kg	02/22/04	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	02/22/04	DP
Acetone	ND	1	50	ug/Kg	02/22/04	DP
Acetonitrile	ND	1	5	ug/Kg	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499925 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13-A
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acrolein	ND	1	200	ug/Kg	02/22/04	DP
Acrylonitrile	ND	1	5	ug/Kg	02/22/04	DP
Allyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Benzene	ND	1	5	ug/Kg	02/22/04	DP
Benzyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Bromobenzene	ND	1	5	ug/Kg	02/22/04	DP
Bromochloromethane	ND	1	5	ug/Kg	02/22/04	DP
Bromodichloromethane	ND	1	5	ug/Kg	02/22/04	DP
Bromoform	ND	1	5	ug/Kg	02/22/04	DP
Bromomethane	ND	1	5	ug/Kg	02/22/04	DP
Carbon Disulfide	ND	1	5	ug/Kg	02/22/04	DP
Carbon tetrachloride	ND	1	5	ug/Kg	02/22/04	DP
Chlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
Chloroethane	ND	1	5	ug/Kg	02/22/04	DP
Chloroform	ND	1	5	ug/Kg	02/22/04	DP
Chloromethane	ND	1	5	ug/Kg	02/22/04	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	02/22/04	DP
Dibromochloromethane	ND	1	5	ug/Kg	02/22/04	DP
Dibromomethane	ND	1	5	ug/Kg	02/22/04	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	02/22/04	DP
Ethyl benzene	ND	1	5	ug/Kg	02/22/04	DP
Ethyl methacrylate	ND	1	5	ug/Kg	02/22/04	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	02/22/04	DP
Iodomethane	ND	1	5	ug/Kg	02/22/04	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	02/22/04	DP
m and p-Xylene	ND	1	5	ug/Kg	02/22/04	DP
Methacrylonitrile	ND	1	5	ug/Kg	02/22/04	DP
Methyl methacrylate	ND	1	5	ug/Kg	02/22/04	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	02/22/04	DP
Methylene chloride	ND	1	5	ug/Kg	02/22/04	DP
n-Butylbenzene	ND	1	5	ug/Kg	02/22/04	DP
n-Propylbenzene	ND	1	5	ug/Kg	02/22/04	DP
Naphthalene	ND	1	5	ug/Kg	02/22/04	DP
o-Xylene	ND	1	5	ug/Kg	02/22/04	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	02/22/04	DP
Pentachloroethane	ND	1	5	ug/Kg	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499925 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13-A
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Propionitrile	ND	1	5	ug/Kg	02/22/04	DP
sec-Butylbenzene	ND	1	5	ug/Kg	02/22/04	DP
Styrene	ND	1	5	ug/Kg	02/22/04	DP
tert-Butylbenzene	ND	1	5	ug/Kg	02/22/04	DP
Tetrachloroethene	ND	1	5	ug/Kg	02/22/04	DP
Toluene	ND	1	5	ug/Kg	02/22/04	DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	02/22/04	DP
Trichloroethene	ND	1	5	ug/Kg	02/22/04	DP
Trichlorofluoromethane	ND	1	5	ug/Kg	02/22/04	DP
Vinyl acetate	ND	1	50	ug/Kg	02/22/04	DP
Vinyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Xylenes, total	ND	1	5	ug/Kg	02/22/04	DP
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	93			%	70 - 135	
Surr2 - 1,2-Dichloroethane-d4	105			%	70 - 135	
Surr3 - Toluene-d8	108			%	70 - 135	
Surr4 - p-Bromofluorobenzene	95			%	70 - 135	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	02/27/04	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	02/27/04	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	02/27/04	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	02/27/04	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	02/27/04	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	02/27/04	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	02/27/04	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	02/27/04	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	02/27/04	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	02/27/04	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	02/27/04	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	02/27/04	DP
2-Chlorophenol	ND	1	333	ug/Kg	02/27/04	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	02/27/04	DP
2-Methylphenol	ND	1	333	ug/Kg	02/27/04	DP
2-Nitroaniline	ND	1	1665	ug/Kg	02/27/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499925 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13-A
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitrophenol	ND	1	333	ug/Kg	02/27/04 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	02/27/04 DP
3-Methylphenol	ND	1	333	ug/Kg	02/27/04 DP
3-Nitroaniline	ND	1	1665	ug/Kg	02/27/04 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	02/27/04 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	02/27/04 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	02/27/04 DP
4-Chloroaniline	ND	1	333	ug/Kg	02/27/04 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	02/27/04 DP
4-Methylphenol	ND	1	333	ug/Kg	02/27/04 DP
4-Nitroaniline	ND	1	1665	ug/Kg	02/27/04 DP
4-Nitrophenol	ND	1	1665	ug/Kg	02/27/04 DP
Acenaphthene	ND	1	333	ug/Kg	02/27/04 DP
Acenaphthylene	ND	1	333	ug/Kg	02/27/04 DP
Anthracene	ND	1	333	ug/Kg	02/27/04 DP
Benzidine	ND	1	333	ug/Kg	02/27/04 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	02/27/04 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	02/27/04 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	02/27/04 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	02/27/04 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	02/27/04 DP
Benzoic Acid	ND	1	333	ug/Kg	02/27/04 DP
Benzyl alcohol	ND	1	333	ug/Kg	02/27/04 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	02/27/04 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	02/27/04 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	02/27/04 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	02/27/04 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	02/27/04 DP
Chrysene	ND	1	333	ug/Kg	02/27/04 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	02/27/04 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	02/27/04 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	02/27/04 DP
Dibenzofuran	ND	1	333	ug/Kg	02/27/04 DP
Diethylphthalate	ND	1	333	ug/Kg	02/27/04 DP
Dimethylphthalate	ND	1	333	ug/Kg	02/27/04 DP
Fluoranthene	ND	1	333	ug/Kg	02/27/04 DP
Fluorene	ND	1	333	ug/Kg	02/27/04 DP
Hexachlorobenzene	ND	1	333	ug/Kg	02/27/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499925 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** B13-A
Date Sampled: 02/20/2004
Time Sampled: 09:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	02/27/04 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	02/27/04 DP
Hexachloroethane	ND	1	333	ug/Kg	02/27/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	02/27/04 DP
Isophorone	ND	1	333	ug/Kg	02/27/04 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	02/27/04 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	02/27/04 DP
Naphthalene	ND	1	333	ug/Kg	02/27/04 DP
Nitrobenzene	ND	1	333	ug/Kg	02/27/04 DP
Pentachlorophenol	ND	1	1665	ug/Kg	02/27/04 DP
Phenanthrene	ND	1	333	ug/Kg	02/27/04 DP
Phenol	ND	1	333	ug/Kg	02/27/04 DP
Pyrene	ND	1	333	ug/Kg	02/27/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	69			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	50			%	25 - 121
Nitrobenzene-d5 (sur)	44			%	23 - 120
Phenol-d5 (sur)	53			%	24 - 113
Terphenyl-d14 (sur)	89			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499926 **Client:** BHATE
Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
160.1 Filterable Residue (TDS)						
Filterable Residue (TDS)	ND	1	6.0	mg/L	02/22/04	LN
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloroethane	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloroethene	ND	1	5	ug/L	02/23/04	DP
1,1-Dichloropropene	ND	1	5	ug/L	02/23/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/L	02/23/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/L	02/23/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	02/23/04	DP
1,2-Dibromoethane	ND	1	5	ug/L	02/23/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,2-Dichloroethane	ND	1	5	ug/L	02/23/04	DP
1,2-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/L	02/23/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1,3-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/L	02/23/04	DP
1-Chlorohexane	ND	1	5	ug/L	02/23/04	DP
2,2-Dichloropropane	ND	1	5	ug/L	02/23/04	DP
2-Butanone (MEK)	ND	1	100	ug/L	02/23/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/L	02/23/04	DP
2-Chlorotoluene	ND	1	5	ug/L	02/23/04	DP
2-Hexanone	ND	1	20	ug/L	02/23/04	DP
4-Chlorotoluene	ND	1	5	ug/L	02/23/04	DP
4-Methyl -2- Pentanone	ND	1	10	ug/L	02/23/04	DP
Acetone	ND	1	100	ug/L	02/23/04	DP
Acetonitrile	ND	1	50	ug/L	02/23/04	DP
Acrolein	ND	1	200	ug/L	02/23/04	DP
Acrylonitrile	ND	1	10	ug/L	02/23/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499926 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Allyl chloride	ND	1	5	ug/L	02/23/04	DP
Benzene	ND	1	1	ug/L	02/23/04	DP
Benzyl chloride	ND	1	5	ug/L	02/23/04	DP
Bromobenzene	ND	1	5	ug/L	02/23/04	DP
Bromochloromethane	ND	1	5	ug/L	02/23/04	DP
Bromodichloromethane	ND	1	5	ug/L	02/23/04	DP
Bromoform	ND	1	5	ug/L	02/23/04	DP
Bromomethane	ND	1	5	ug/L	02/23/04	DP
Carbon Disulfide	ND	1	5	ug/L	02/23/04	DP
Carbon tetrachloride	ND	1	5	ug/L	02/23/04	DP
Chlorobenzene	ND	1	5	ug/L	02/23/04	DP
Chloroethane	ND	1	5	ug/L	02/23/04	DP
Chloroform	ND	1	5	ug/L	02/23/04	DP
Chloromethane	ND	1	5	ug/L	02/23/04	DP
cis-1,2-Dichloroethene	ND	1	5	ug/L	02/23/04	DP
cis-1,3-Dichloropropene	ND	1	5	ug/L	02/23/04	DP
cis-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/23/04	DP
Dibromochloromethane	ND	1	5	ug/L	02/23/04	DP
Dibromomethane	ND	1	5	ug/L	02/23/04	DP
Dichlorodifluoromethane	ND	1	5	ug/L	02/23/04	DP
Ethyl benzene	ND	1	5	ug/L	02/23/04	DP
Ethyl methacrylate	ND	1	50	ug/L	02/23/04	DP
Hexachlorobutadiene	ND	1	5	ug/L	02/23/04	DP
Iodomethane	ND	1	5	ug/L	02/23/04	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/L	02/23/04	DP
m and p-Xylene	ND	1	5	ug/L	02/23/04	DP
Methacrylonitrile	ND	1	35	ug/L	02/23/04	DP
Methyl methacrylate	ND	1	5	ug/L	02/23/04	DP
Methyl-tert-butylether (MTBE)	ND	1	1	ug/L	02/23/04	DP
Methylene chloride	ND	1	5	ug/L	02/23/04	DP
n-Butylbenzene	ND	1	5	ug/L	02/23/04	DP
n-Propylbenzene	ND	1	5	ug/L	02/23/04	DP
Naphthalene	ND	1	5	ug/L	02/23/04	DP
o-Xylene	ND	1	5	ug/L	02/23/04	DP
p-Isopropyltoluene	ND	1	5	ug/L	02/23/04	DP
Pentachloroethane	ND	1	5	ug/L	02/23/04	DP
Propionitrile	ND	1	100	ug/L	02/23/04	DP
sec-Butylbenzene	ND	1	5	ug/L	02/23/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499926 **Client:** BHATE
Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Styrene	ND	1	5	ug/L	02/23/04 DP
tert-Butylbenzene	ND	1	5	ug/L	02/23/04 DP
Tetrachloroethene	ND	1	5	ug/L	02/23/04 DP
Toluene	ND	1	5	ug/L	02/23/04 DP
trans-1,2-Dichloroethene	ND	1	5	ug/L	02/23/04 DP
trans-1,3-Dichloropropene	ND	1	5	ug/L	02/23/04 DP
trans-1,4-Dichloro-2-butene	ND	1	20	ug/L	02/23/04 DP
Trichloroethene	ND	1	5	ug/L	02/23/04 DP
Trichlorofluoromethane	ND	1	5	ug/L	02/23/04 DP
Vinyl acetate	ND	1	50	ug/L	02/23/04 DP
Vinyl chloride	ND	1	5	ug/L	02/23/04 DP
Xylenes, total	ND	1	5	ug/L	02/23/04 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	88			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	93			%	70 - 135
Surr3 - Toluene-d8	114			%	70 - 135
Surr4 - p-Bromofluorobenzene	97			%	70 - 135
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,2-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,3-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
1,4-Dichlorobenzene	ND	1	10	ug/L	02/24/04 DP
2,4,5-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4,6-Trichlorophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dichlorophenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dimethylphenol	ND	1	10	ug/L	02/24/04 DP
2,4-Dinitrophenol	ND	1	50	ug/L	02/24/04 DP
2,4-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2,6-Dinitrotoluene	ND	1	10	ug/L	02/24/04 DP
2-Chloronaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Chlorophenol	ND	1	10	ug/L	02/24/04 DP
2-Methylnaphthalene	ND	1	10	ug/L	02/24/04 DP
2-Methylphenol	ND	1	10	ug/L	02/24/04 DP
2-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
2-Nitrophenol	ND	1	10	ug/L	02/24/04 DP
3,3-Dichlorobenzidine	ND	1	10	ug/L	02/24/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499926 **Client:** BHATE

Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3-Methylphenol	ND	1	10	ug/L	02/24/04 DP
3-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
4,6-Dinitro-2-methylphenol	ND	1	50	ug/L	02/24/04 DP
4-Bromophenyl-phenylether	ND	1	10	ug/L	02/24/04 DP
4-Chloro-3-methylphenol	ND	1	10	ug/L	02/24/04 DP
4-Chloroaniline	ND	1	10	ug/L	02/24/04 DP
4-Chlorophenyl-phenylether	ND	1	10	ug/L	02/24/04 DP
4-Methylphenol	ND	1	10	ug/L	02/24/04 DP
4-Nitroaniline	ND	1	50	ug/L	02/24/04 DP
4-Nitrophenol	ND	1	50	ug/L	02/24/04 DP
Acenaphthene	ND	1	10	ug/L	02/24/04 DP
Acenaphthylene	ND	1	10	ug/L	02/24/04 DP
Anthracene	ND	1	10	ug/L	02/24/04 DP
Benzidine	ND	1	50	ug/L	02/24/04 DP
Benzo(a)anthracene	ND	1	10	ug/L	02/24/04 DP
Benzo(a)pyrene	ND	1	10	ug/L	02/24/04 DP
Benzo(b)fluoranthene	ND	1	10	ug/L	02/24/04 DP
Benzo(g,h,i)perylene	ND	1	10	ug/L	02/24/04 DP
Benzo(k)fluoranthene	ND	1	10	ug/L	02/24/04 DP
Benzoic Acid	ND	1	10	ug/L	02/24/04 DP
Benzyl alcohol	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroethoxy)methane	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroethyl)ether	ND	1	10	ug/L	02/24/04 DP
bis(2-Chloroisopropyl) ether	ND	1	10	ug/L	02/24/04 DP
bis(2-Ethylhexyl)phthalate	ND	1	10	ug/L	02/24/04 DP
Butylbenzylphthalate	ND	1	10	ug/L	02/24/04 DP
Chrysene	ND	1	10	ug/L	02/24/04 DP
Di-n-butylphthalate	ND	1	10	ug/L	02/24/04 DP
Di-n-octylphthalate	ND	1	10	ug/L	02/24/04 DP
Dibenz(a,h)anthracene	ND	1	10	ug/L	02/24/04 DP
Dibenzofuran	ND	1	10	ug/L	02/24/04 DP
Diethylphthalate	ND	1	10	ug/L	02/24/04 DP
Dimethylphthalate	ND	1	10	ug/L	02/24/04 DP
Fluoranthene	ND	1	10	ug/L	02/24/04 DP
Fluorene	ND	1	10	ug/L	02/24/04 DP
Hexachlorobenzene	ND	1	10	ug/L	02/24/04 DP
Hexachlorobutadiene	ND	1	10	ug/L	02/24/04 DP
Hexachlorocyclopentadiene	ND	1	10	ug/L	02/24/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499926 **Client:** BHATE
Matrix: WATER **Client Sample ID:** Laboratory Method Blank-W
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	10	ug/L	02/24/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	10	ug/L	02/24/04 DP
Isophorone	ND	1	10	ug/L	02/24/04 DP
N-Nitroso-di-n-propylamine	ND	1	10	ug/L	02/24/04 DP
N-Nitrosodiphenylamine	ND	1	10	ug/L	02/24/04 DP
Naphthalene	ND	1	10	ug/L	02/24/04 DP
Nitrobenzene	ND	1	10	ug/L	02/24/04 DP
Pentachlorophenol	ND	1	50	ug/L	02/24/04 DP
Phenanthrene	ND	1	10	ug/L	02/24/04 DP
Phenol	ND	1	10	ug/L	02/24/04 DP
Pyrene	ND	1	10	ug/L	02/24/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	64			%	10 - 123
2-Fluorobiphenyl (sur)	45			%	43 - 116
2-Fluorophenol (sur)	41			%	21 - 110
Nitrobenzene-d5 (sur)	45			%	34 - 114
Phenol-d5 (sur)	29			%	10 - 110
Terphenyl-d14 (sur)	77			%	33 - 141

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499927 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	02/24/04	AF
C10 - C22	ND	1	3	mg/Kg	02/24/04	AF
C22 - C36	ND	1	5	mg/Kg	02/24/04	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	02/22/04	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	02/22/04	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
1-Chlorohexane	ND	1	5	ug/Kg	02/22/04	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	02/22/04	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	02/22/04	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	02/22/04	DP
2-Chlorotoluene	ND	1	5	ug/Kg	02/22/04	DP
2-Hexanone	ND	1	5	ug/Kg	02/22/04	DP
4-Chlorotoluene	ND	1	5	ug/Kg	02/22/04	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	02/22/04	DP
Acetone	ND	1	50	ug/Kg	02/22/04	DP
Acetonitrile	ND	1	5	ug/Kg	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499927 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acrolein	ND	1	200	ug/Kg	02/22/04	DP
Acrylonitrile	ND	1	5	ug/Kg	02/22/04	DP
Allyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Benzene	ND	1	5	ug/Kg	02/22/04	DP
Benzyl chloride	ND	1	5	ug/Kg	02/22/04	DP
Bromobenzene	ND	1	5	ug/Kg	02/22/04	DP
Bromochloromethane	ND	1	5	ug/Kg	02/22/04	DP
Bromodichloromethane	ND	1	5	ug/Kg	02/22/04	DP
Bromoform	ND	1	5	ug/Kg	02/22/04	DP
Bromomethane	ND	1	5	ug/Kg	02/22/04	DP
Carbon Disulfide	ND	1	5	ug/Kg	02/22/04	DP
Carbon tetrachloride	ND	1	5	ug/Kg	02/22/04	DP
Chlorobenzene	ND	1	5	ug/Kg	02/22/04	DP
Chloroethane	ND	1	5	ug/Kg	02/22/04	DP
Chloroform	ND	1	5	ug/Kg	02/22/04	DP
Chloromethane	ND	1	5	ug/Kg	02/22/04	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	02/22/04	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	02/22/04	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	02/22/04	DP
Dibromochloromethane	ND	1	5	ug/Kg	02/22/04	DP
Dibromomethane	ND	1	5	ug/Kg	02/22/04	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	02/22/04	DP
Ethyl benzene	ND	1	5	ug/Kg	02/22/04	DP
Ethyl methacrylate	ND	1	5	ug/Kg	02/22/04	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	02/22/04	DP
Iodomethane	ND	1	5	ug/Kg	02/22/04	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	02/22/04	DP
m and p-Xylene	ND	1	5	ug/Kg	02/22/04	DP
Methacrylonitrile	ND	1	5	ug/Kg	02/22/04	DP
Methyl methacrylate	ND	1	5	ug/Kg	02/22/04	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	02/22/04	DP
Methylene chloride	ND	1	5	ug/Kg	02/22/04	DP
n-Butylbenzene	ND	1	5	ug/Kg	02/22/04	DP
n-Propylbenzene	ND	1	5	ug/Kg	02/22/04	DP
Naphthalene	ND	1	5	ug/Kg	02/22/04	DP
o-Xylene	ND	1	5	ug/Kg	02/22/04	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	02/22/04	DP
Pentachloroethane	ND	1	5	ug/Kg	02/22/04	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499927 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Propionitrile	ND	1	5	ug/Kg	02/22/04 DP
sec-Butylbenzene	ND	1	5	ug/Kg	02/22/04 DP
Styrene	ND	1	5	ug/Kg	02/22/04 DP
tert-Butylbenzene	ND	1	5	ug/Kg	02/22/04 DP
Tetrachloroethene	ND	1	5	ug/Kg	02/22/04 DP
Toluene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	02/22/04 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	02/22/04 DP
Trichloroethene	ND	1	5	ug/Kg	02/22/04 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	02/22/04 DP
Vinyl acetate	ND	1	50	ug/Kg	02/22/04 DP
Vinyl chloride	ND	1	5	ug/Kg	02/22/04 DP
Xylenes, total	ND	1	5	ug/Kg	02/22/04 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	95			%	70 - 135
Surr2 - 1,2-Dichloroethane-d4	99			%	70 - 135
Surr3 - Toluene-d8	102			%	70 - 135
Surr4 - p-Bromofluorobenzene	100			%	70 - 135
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	02/26/04 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	02/26/04 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	02/26/04 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	02/26/04 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	02/26/04 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	02/26/04 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	02/26/04 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	02/26/04 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	02/26/04 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	02/26/04 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	02/26/04 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	02/26/04 DP
2-Chlorophenol	ND	1	333	ug/Kg	02/26/04 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	02/26/04 DP
2-Methylphenol	ND	1	333	ug/Kg	02/26/04 DP
2-Nitroaniline	ND	1	1665	ug/Kg	02/26/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499927 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitrophenol	ND	1	333	ug/Kg	02/26/04 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	02/26/04 DP
3-Methylphenol	ND	1	333	ug/Kg	02/26/04 DP
3-Nitroaniline	ND	1	1665	ug/Kg	02/26/04 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	02/26/04 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	02/26/04 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	02/26/04 DP
4-Chloroaniline	ND	1	333	ug/Kg	02/26/04 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	02/26/04 DP
4-Methylphenol	ND	1	333	ug/Kg	02/26/04 DP
4-Nitroaniline	ND	1	1665	ug/Kg	02/26/04 DP
4-Nitrophenol	ND	1	1665	ug/Kg	02/26/04 DP
Acenaphthene	ND	1	333	ug/Kg	02/26/04 DP
Acenaphthylene	ND	1	333	ug/Kg	02/26/04 DP
Anthracene	ND	1	333	ug/Kg	02/26/04 DP
Benzidine	ND	1	333	ug/Kg	02/26/04 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	02/26/04 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	02/26/04 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	02/26/04 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	02/26/04 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	02/26/04 DP
Benzoic Acid	ND	1	333	ug/Kg	02/26/04 DP
Benzyl alcohol	ND	1	333	ug/Kg	02/26/04 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	02/26/04 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	02/26/04 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	02/26/04 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	02/26/04 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Chrysene	ND	1	333	ug/Kg	02/26/04 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	02/26/04 DP
Dibenzofuran	ND	1	333	ug/Kg	02/26/04 DP
Diethylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Dimethylphthalate	ND	1	333	ug/Kg	02/26/04 DP
Fluoranthene	ND	1	333	ug/Kg	02/26/04 DP
Fluorene	ND	1	333	ug/Kg	02/26/04 DP
Hexachlorobenzene	ND	1	333	ug/Kg	02/26/04 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 499927 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank-S
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	02/26/04 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	02/26/04 DP
Hexachloroethane	ND	1	333	ug/Kg	02/26/04 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	02/26/04 DP
Isophorone	ND	1	333	ug/Kg	02/26/04 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	02/26/04 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	02/26/04 DP
Naphthalene	ND	1	333	ug/Kg	02/26/04 DP
Nitrobenzene	ND	1	333	ug/Kg	02/26/04 DP
Pentachlorophenol	ND	1	1665	ug/Kg	02/26/04 DP
Phenanthrene	ND	1	333	ug/Kg	02/26/04 DP
Phenol	ND	1	333	ug/Kg	02/26/04 DP
Pyrene	ND	1	333	ug/Kg	02/26/04 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	73			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	50			%	25 - 121
Nitrobenzene-d5 (sur)	49			%	23 - 120
Phenol-d5 (sur)	40			%	24 - 113
Terphenyl-d14 (sur)	79			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LR 124953-499919

Matrix: WATER

Prep. Date: 02/22/04

Analysis Date: 02/24/04

ID#'s in Batch: LR 124953

SAMPLE RESULT / SAMPLE DUPLICATE

Reporting Units = mg/L

Test	Method	Sample Result	Sample Duplicate	RPD
TDS	160-1 / 2540C	23,820	23,850	0.1

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 5 %

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

PREP BLANK	LCS				
Value	Result	TRUE	% Rec	L. Limit	H. Limit
ND	300	293	102	90%	110%

Value = Preparation Blank Value; ND = Not-Detected
LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LR 124953-923 MS

Matrix: SOLID

Extraction Method : 3545

Prep. Date: 02/24/04

Analysis Date: 02/24/04

ID#'s in Batch: LR 124953, 124999, 125021

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = mg/Kg

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
DIESEL	8015D	ND	25	18.0	18.1	72	72	1

ND = Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

	PREP BLK Value	Result	True	%Rec	L.Limit	H.Limit
LCS	ND	25	25	100	70%	130%
LCSD	ND	27	25	108	70%	130%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-200
MS	173
MSD	178
Method Blank	75
LCS	113
LCSD	125

ASSOCIATED LABORATORIES

QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Water Samples 124953-922

Analysis Date: 02/23/04 5:03 AM

Applies to: LR 124953

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	50.40	44.71	101	89	12	22	59-172
MTBE	ND	50.0	37.39	36.80	75	74	2	24	62-137
Benzene	ND	50.0	48.99	49.22	98	98	0	24	62-137
Trichloroethene	ND	50.0	48.19	45.71	96	91	5	21	66-142
Toluene	ND	50.0	50.40	47.82	101	96	5	21	59-139
Chlorobenzene	ND	50.0	46.09	45.77	92	92	1	21	60-133

QC Sample: LCS/LCSD
Analysis Date: 02/23/04 6:38 AM

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	52.74	45.65	105	91	14	22	59-172
MTBE	ND	50.0	43.53	46.64	87	93	7	24	62-137
Benzene	ND	50.0	50.02	55.26	100	111	10	24	62-137
Trichloroethene	ND	50.0	53.81	52.60	108	105	2	21	66-142
Toluene	ND	50.0	56.41	52.77	113	106	7	21	59-139
Chlorobenzene	ND	50.0	52.87	54.07	106	108	2	21	60-133

Method Blank = All ND

ASSOCIATED LABORATORIES

QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Soil Samples 124953-925

Analysis Date: 02/22/04 8:28 PM

Applies to: LR 124953

Reporting Units = ug/Kg

Matrix Spike / Matrix Spike Duplicate

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spk. Dup	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	41.48	45.19	83	90	9	22	59-172
MTBE	ND	50.0	45.56	43.05	91	86	6	24	62-137
Benzene	ND	50.0	49.22	46.80	98	94	5	24	62-137
Trichloroethene	ND	50.0	45.75	46.66	92	93	2	21	66-142
Toluene	ND	50.0	48.64	52.21	97	104	7	21	59-139
Chlorobenzene	ND	50.0	48.92	48.13	98	96	2	21	60-133

QC Sample: LCS/LCSD
Analysis Date: 02/22/04 10:01 PM

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50.0	48.25	43.96	97	88	9	22	59-172
MTBE	ND	50.0	45.44	45.61	91	91	0	24	62-137
Benzene	ND	50.0	51.40	49.34	103	99	4	24	62-137
Trichloroethene	ND	50.0	50.04	52.57	100	105	5	21	66-142
Toluene	ND	50.0	52.83	57.13	106	114	8	21	59-139
Chlorobenzene	ND	50.0	52.95	52.83	106	106	0	21	60-133

Method Blank = All ND

ASSOCIATED LABORATORIES

LCS REPORT FORM

Method : EPA 8270/625

Prep. Method : 3550B

QC Sample: LCS/LCSD 02/23/04

Matrix: WATER

Date Extracted : 02/23/04

Date Analyzed : 02/24/04

Applies to: LR 124765, 124953

REPORTING UNITS = ug/L

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spike Dup	%Rec LCS	%Rec LCS-D	RPD	QC LIMITS RPD	QC LIMITS %REC
Phenol	ND	50	13	13	26	26	0	47	0-75
2-Chorophenol	ND	50	27	26	54	52	4	36	28-100
1,4-Dichlorobenzene	ND	50	24	25	48	50	4	58	30-89
n-Nitroso-di-n-propylamine	ND	50	34	30	68	60	13	55	8-151
1,2,4-Trichlorobenzene	ND	50	23	23	46	46	0	43	32-88
4-Chloro-3-methylphenol	ND	50	31	27	62	54	14	42	32-103
Acenaphthene	ND	50	29	28	58	56	4	60	42-107
4-Nitrophenol	ND	50	16	16	32	32	0	57	0-103
2,4-Dinitrotoluene	ND	50	37	38	74	76	3	50	57-129
Pentachlorophenol	ND	50	38	38	76	76	0	42	6-148
Pyrene	ND	50	36	39	72	78	8	49	52-108

Method Blank = All ND

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270/625

Prep. Method : 3550B

QC Sample: MS/MSD 124953-923

Matrix: SOLID

Date Extracted : 02/25/04

Date Analyzed : 02/26/04

Applies to: LR 124953

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	ND	50	21	24	42	48	13	42	6-117
2-Chorophenol	ND	50	20	21	40	42	5	35	28-100
1,4-Dichlorobenzene	ND	50	22	22	44	44	0	36	39-92
n-Nitroso-di-n-propylamine	ND	50	23	27	46	54	16	42	5-149
1,2,4-Trichlorobenzene *	ND	50	19	21	38	42	10	41	41-97
4-Chloro-3-methylphenol	ND	50	30	35	60	70	15	37	26-117
Acenaphthene	ND	50	28	33	56	66	16	41	46-113
4-Nitrophenol	ND	50	41	42	82	84	2	73	53-143
2,4-Dinitrotoluene *	ND	50	38	43	76	86	12	43	82-125
Pentachlorophenol	ND	50	40	45	80	90	12	52	25-187
Pyrene	ND	50	43	45	86	90	5	36	47-136

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC LIMIT %REC
Phenol	ND	50	28	56	17-99
2-Clorophenol	ND	50	25	50	28-88
1,4-Dichlorobenzene	ND	50	26	52	33-89
n-Nitroso-di-n-propylamine	ND	50	28	56	9-130
1,2,4-Trichlorobenzene	ND	50	25	50	25-92
4-Cloro-3-methylphenol	ND	50	27	54	27-96
Acenaphthene	ND	50	26	52	31-101
4-Nitrophenol	ND	50	23	46	8-123
2,4-Dinitrotoluene	ND	50	36	72	27-139
Pentachlorophenol	ND	50	10	20	0-151
Pyrene	ND	50	37	74	34-127

Method Blank = All ND

*** Matrix Spike outside QC limits. MSD, LCS and MB conformed.**

BHATE
Environmental Associates, Inc.
1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

124953

Project Number: 9030232.05.02

Chain of Custody Number [1]: 02202004 1

LIMS Number: _____

Facility/Base I.D.: Holmn

Project Name / Site Name: FT-31 LANDFARM

Client Name: USACE

Collected by: GERMANN, Kevin

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC	SVOC	TPH	TDS					Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested [5]									Quality Assurance Samples [6]			
LM01	LM01	20022004	~~1325~~ 1317	0' - 0'	N	1	WG	4	/	/		/								1
LM02	LM02	20022004	1340	0' - 0'	N	1	WG	4	/	/		/								1
LM03	LM03	20022004	1400	0' - 0'	N	1	WG	4	/	/		/								1
LM04	LM04	20022004	1425	0' - 0'	N	1	WG	4	/	/		/								1
A11	FT-31	20022004	0939	1' - 2'	N	1	SO	1	/	/	/									1
B13	FT-31	20022004	0950	1' - 2'	N	1	SO	1	/	/	/									1
B13-A	FT-31	20022004	0950	1' - 2'	N	1	SO	1	/	/	/									1
				-																
				-																
				-																
				-																

COMMENTS: Please FAX Results TO 1-505-679-2148
FedEx# 842603294404

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. KDG	2/20/04	1600	1.	2/24	10 00
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: ASSOCIATED Delivery Location: ORANGE, CA

Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

samples ~~cold~~ @ 1.6°C on ice

DISTRIBUTION: WHITE COPY - Project File YELLOW COPY - Lab Copy PINK COPY - Working File

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

101132

CHAIN OF CUSTODY RECORD

Date 10-21-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandegrift. Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2148
SAMPLERS: (Signature)

Samples Intact Yes 1 No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled 1 Frozen ____
Same Day ____ 24 Hr. X
Regular ____ 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	SAMPLE TYPE AIR	SAMPLE TYPE SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31SS01	FT-31	10-21-02	1123			X	3		See attachment ~~A~~ B
FT31SS02	FT-31	10-21-02	1128			X	3		See attachment ~~A~~ B
FT31SS03	FT-31	10-21-02	1139			X	3		See attachment ~~A~~ B
FT31SS04	FT-31	10-21-02	1155			X	3		See attachment ~~A~~ B
FT31SP01	FT-31	10-21-02	1210			X	3		See attachment A
FT31EX01	FT-31	10-21-02	0745			X	3		See attachment B
FT31EX02	FT-31	10-21-02	0800			X	3		See attachment B
FT31EX03	FT-31	10-21-02	0815			X	3		See attachment B
FT31EX04	FT-31	10-21-02	0830			X	3		See attachment B

Relinquished by: (Signature) 10-21-02 1600	Received by: (Signature) Fed-ex	Date/Time
Relinquished by: (Signature) Fed-ex	Received by Laboratory for analysis: (Signature) KAHUSKA	Date/Time 0950 10-22-02
Special Instructions: Fax results to (505) 679-2148 Shipper #		

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

Order #: 386814
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	2400	20	400.0	mg/Kg	10/22/02	AF
C10 - C22	2090	20	600.0	mg/Kg	10/22/02	AF
C22 - C32	ND	1	50	mg/Kg	10/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	24800	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	9620	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1000	200000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1000	100000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Hexanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acetone	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386815
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	169	1	20	mg/Kg	10/22/02	AF
C10 - C22	309	1	30	mg/Kg	10/22/02	AF
C22 - C32	ND	1	50	mg/Kg	10/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1000	200000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1000	100000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Hexanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acetone	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386816 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX03
Date Sampled: 10/21/2002
Time Sampled: 08:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	1990	10	200.0	mg/Kg	10/22/02	AF
C10 - C22	1400	10	300.0	mg/Kg	10/22/02	AF
C22 - C32	ND	1	50	mg/Kg	10/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	44400	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	13800	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1000	200000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1000	100000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Hexanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acetone	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386817 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 10/21/2002
Time Sampled: 08:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	1110	20	400.0	mg/Kg	10/23/02	AF
C10 - C22	1720	20	600.0	mg/Kg	10/23/02	AF
C22 - C32	ND	1	50	mg/Kg	10/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	29400	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	11300	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1000	200000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1000	100000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Hexanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acetone	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/22/02	AF
C10 - C22	ND	1	30	mg/Kg	11/22/02	AF
C22 - C32	ND	1	50	mg/Kg	11/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/22/02	AF
C10 - C22	ND	1	30	mg/Kg	11/22/02	AF
C22 - C32	ND	1	50	mg/Kg	11/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX03
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX04

8015 Carbon Chain I

Analyte	Result	DF	DLR	Units	Date/Analyst	
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	212	1	20	mg/Kg	11/29/02	AF
C10 - C22	64	1	30	mg/Kg	11/29/02	AF
C22 - C32	103	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	11	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	7.5	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1641 Vandergrift Rd.
1266
HAFB, NM 88330

LAB REQUEST 109902
REPORTED 04/30/2003
RECEIVED 04/26/2003

PROJECT FT31

SUBMITTER Client

COMMENTS "J" denotes value between MDL and DLR.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
427460	FT31EX02-1
427461	FT31EX03-1
427462	FT31EX04-1
427463	FT31EX12-1
427464	FT31EX15-1
427465	FT31EX16-1
427466	FT31EX17-1
427467	FT31EX19-1
427468	FT31EX19-D
427469	FT31EX21-1
427470	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 427460 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX02-1
Date Sampled: 04/25/2003
Time Sampled: 07:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/28/03	AF
C10 - C22	ND	1	3	mg/Kg	04/28/03	AF
C22 - C32	ND	1	5	mg/Kg	04/28/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427460
Matrix: SOLID
Date Sampled: 04/25/2003
Time Sampled: 07:00
Sampled By:

Client: BHATE
Client Sample ID: FT31EX02-1

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/28/03 AM
Acrolein	ND	1	200	ug/Kg	04/28/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Benzene	5.3	1	5	ug/Kg	04/28/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromoform	ND	1	5	ug/Kg	04/28/03 AM
Bromomethane	ND	1	5	ug/Kg	04/28/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03 AM
Chloroethane	ND	1	5	ug/Kg	04/28/03 AM
Chloroform	ND	1	5	ug/Kg	04/28/03 AM
Chloromethane	ND	1	5	ug/Kg	04/28/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03 AM
Iodomethane	ND	1	5	ug/Kg	04/28/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Naphthalene	ND	1	5	ug/Kg	04/28/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03 AM
Propionitrile	ND	1	5	ug/Kg	04/28/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427460 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX02-1

Date Sampled: 04/25/2003

Time Sampled: 07:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Styrene	ND	1	5	ug/Kg	04/28/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03	AM
Toluene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03	AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03	AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03	AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	106	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	109	%	70 - 130
Surr3 - Toluene-d8	112	%	70 - 130
Surr4 - p-Bromofluorobenzene	116	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427460 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX02-1

Date Sampled: 04/25/2003

Time Sampled: 07:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03	DP
Anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzidine	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Chrysene	ND	1	333	ug/Kg	04/29/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Fluorene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427460 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX02-1
Date Sampled: 04/25/2003
Time Sampled: 07:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	04/29/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Isophorone	ND	1	333	ug/Kg	04/29/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03	DP
Naphthalene	ND	1	333	ug/Kg	04/29/03	DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03	DP
Phenol	ND	1	333	ug/Kg	04/29/03	DP
Pyrene	ND	1	333	ug/Kg	04/29/03	DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	61	%	17 - 122
2-Fluorobiphenyl (sur)	56	%	30 - 115
2-Fluorophenol (sur)	66	%	25 - 121
Nitrobenzene-d5 (sur)	48	%	23 - 120
Phenol-d5 (sur)	67	%	24 - 113
Terphenyl-d14 (sur)	77	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427461 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-1
Date Sampled: 04/25/2003
Time Sampled: 07:08
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/28/03	AF
C10 - C22	ND	1	3	mg/Kg	04/28/03	AF
C22 - C32	ND	1	5	mg/Kg	04/28/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	5.3	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	2.2 J	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427461 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-1
Date Sampled: 04/25/2003
Time Sampled: 07:08
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	04/28/03	AM
Acrolein	ND	1	200	ug/Kg	04/28/03	AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03	AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Benzene	9.4	1	5	ug/Kg	04/28/03	AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03	AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03	AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03	AM
Bromoform	ND	1	5	ug/Kg	04/28/03	AM
Bromomethane	ND	1	5	ug/Kg	04/28/03	AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03	AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03	AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
Chloroethane	ND	1	5	ug/Kg	04/28/03	AM
Chloroform	ND	1	5	ug/Kg	04/28/03	AM
Chloromethane	ND	1	5	ug/Kg	04/28/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03	AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03	AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03	AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03	AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03	AM
Iodomethane	ND	1	5	ug/Kg	04/28/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03	AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03	AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03	AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03	AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Naphthalene	8.9	1	5	ug/Kg	04/28/03	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03	AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03	AM
Propionitrile	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427461 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-1
Date Sampled: 04/25/2003
Time Sampled: 07:08
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Styrene	ND	1	5	ug/Kg	04/28/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03 AM
Toluene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03 AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Xylenes, total	16	1	5	ug/Kg	04/28/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	105	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	109	%	70 - 130
Surr3 - Toluene-d8	110	%	70 - 130
Surr4 - p-Bromofluorobenzene	114	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03 DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427461 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-1
Date Sampled: 04/25/2003
Time Sampled: 07:08
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03	DP
Anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzidine	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Chrysene	ND	1	333	ug/Kg	04/29/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Fluorene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427461 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-1
Date Sampled: 04/25/2003
Time Sampled: 07:08
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/29/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03 DP
Isophorone	ND	1	333	ug/Kg	04/29/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03 DP
Naphthalene	ND	1	333	ug/Kg	04/29/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03 DP
Phenol	ND	1	333	ug/Kg	04/29/03 DP
Pyrene	ND	1	333	ug/Kg	04/29/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	55			%	17 - 122
2-Fluorobiphenyl (sur)	49			%	30 - 115
2-Fluorophenol (sur)	60			%	25 - 121
Nitrobenzene-d5 (sur)	45			%	23 - 120
Phenol-d5 (sur)	60			%	24 - 113
Terphenyl-d14 (sur)	74			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427462
Matrix: SOLID
Date Sampled: 04/25/2003
Time Sampled: 07:16
Sampled By:

Client: BHATE
Client Sample ID: FT31EX04-1

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/28/03	AF
C10 - C22	ND	1	3	mg/Kg	04/28/03	AF
C22 - C32	ND	1	5	mg/Kg	04/28/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427462 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX04-1
Date Sampled: 04/25/2003
Time Sampled: 07:16
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	04/28/03	AM
Acrolein	ND	1	200	ug/Kg	04/28/03	AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03	AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Benzene	64	1	5	ug/Kg	04/28/03	AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03	AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03	AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03	AM
Bromoform	ND	1	5	ug/Kg	04/28/03	AM
Bromomethane	ND	1	5	ug/Kg	04/28/03	AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03	AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03	AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
Chloroethane	ND	1	5	ug/Kg	04/28/03	AM
Chloroform	ND	1	5	ug/Kg	04/28/03	AM
Chloromethane	ND	1	5	ug/Kg	04/28/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03	AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03	AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03	AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03	AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03	AM
Iodomethane	ND	1	5	ug/Kg	04/28/03	AM
Isopropylbenzene (Cumene)	3.5 J	1	5	ug/Kg	04/28/03	AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03	AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03	AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03	AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Naphthalene	9.0	1	5	ug/Kg	04/28/03	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03	AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03	AM
Propionitrile	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427462 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX04-1
Date Sampled: 04/25/2003
Time Sampled: 07:16
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Styrene	ND	1	5	ug/Kg	04/28/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03 AM
Toluene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03 AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	105			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130
Surr3 - Toluene-d8	108			%	70 - 130
Surr4 - p-Bromofluorobenzene	114			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03 DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427462 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX04-1
Date Sampled: 04/25/2003
Time Sampled: 07:16
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03	DP
Anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzidine	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Chrysene	ND	1	333	ug/Kg	04/29/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Fluorene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427462 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX04-1
Date Sampled: 04/25/2003
Time Sampled: 07:16
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/29/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03 DP
Isophorone	ND	1	333	ug/Kg	04/29/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03 DP
Naphthalene	ND	1	333	ug/Kg	04/29/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03 DP
Phenol	ND	1	333	ug/Kg	04/29/03 DP
Pyrene	ND	1	333	ug/Kg	04/29/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	52	%	17 - 122
2-Fluorobiphenyl (sur)	42	%	30 - 115
2-Fluorophenol (sur)	54	%	25 - 121
Nitrobenzene-d5 (sur)	41	%	23 - 120
Phenol-d5 (sur)	58	%	24 - 113
Terphenyl-d14 (sur)	71	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427463 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-1
Date Sampled: 04/25/2003
Time Sampled: 07:26
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/28/03	AF
C10 - C22	ND	1	3	mg/Kg	04/28/03	AF
C22 - C32	ND	1	5	mg/Kg	04/28/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427463 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-1
Date Sampled: 04/25/2003
Time Sampled: 07:26
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/28/03 AM
Acrolein	ND	1	200	ug/Kg	04/28/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Benzene	ND	1	5	ug/Kg	04/28/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromoform	ND	1	5	ug/Kg	04/28/03 AM
Bromomethane	ND	1	5	ug/Kg	04/28/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03 AM
Chloroethane	ND	1	5	ug/Kg	04/28/03 AM
Chloroform	ND	1	5	ug/Kg	04/28/03 AM
Chloromethane	ND	1	5	ug/Kg	04/28/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03 AM
Iodomethane	ND	1	5	ug/Kg	04/28/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Naphthalene	ND	1	5	ug/Kg	04/28/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03 AM
Propionitrile	ND	1	5	ug/Kg	04/28/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427463 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-1
Date Sampled: 04/25/2003
Time Sampled: 07:26
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Styrene	ND	1	5	ug/Kg	04/28/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03 AM
Toluene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03 AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	107			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	109			%	70 - 130
Surr3 - Toluene-d8	111			%	70 - 130
Surr4 - p-Bromofluorobenzene	114			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03 DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427463 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX12-1

Date Sampled: 04/25/2003

Time Sampled: 07:26

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03	DP
Anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzidine	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Chrysene	ND	1	333	ug/Kg	04/29/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Fluorene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427463 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-1
Date Sampled: 04/25/2003
Time Sampled: 07:26
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/29/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03 DP
Isophorone	ND	1	333	ug/Kg	04/29/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03 DP
Naphthalene	ND	1	333	ug/Kg	04/29/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03 DP
Phenol	ND	1	333	ug/Kg	04/29/03 DP
Pyrene	ND	1	333	ug/Kg	04/29/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	61			%	17 - 122
2-Fluorobiphenyl (sur)	52			%	30 - 115
2-Fluorophenol (sur)	63			%	25 - 121
Nitrobenzene-d5 (sur)	48			%	23 - 120
Phenol-d5 (sur)	63			%	24 - 113
Terphenyl-d14 (sur)	73			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427464
Matrix: SOLID
Date Sampled: 04/25/2003
Time Sampled: 07:33
Sampled By:

Client: BHATE
Client Sample ID: FT31EX15-1

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/28/03	AF
C10 - C22	ND	1	3	mg/Kg	04/28/03	AF
C22 - C32	ND	1	5	mg/Kg	04/28/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427464 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX15-1
Date Sampled: 04/25/2003
Time Sampled: 07:33
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/28/03 AM
Acrolein	ND	1	200	ug/Kg	04/28/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Benzene	ND	1	5	ug/Kg	04/28/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromoform	ND	1	5	ug/Kg	04/28/03 AM
Bromomethane	ND	1	5	ug/Kg	04/28/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03 AM
Chloroethane	ND	1	5	ug/Kg	04/28/03 AM
Chloroform	ND	1	5	ug/Kg	04/28/03 AM
Chloromethane	ND	1	5	ug/Kg	04/28/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03 AM
Iodomethane	ND	1	5	ug/Kg	04/28/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Naphthalene	ND	1	5	ug/Kg	04/28/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03 AM
Propionitrile	ND	1	5	ug/Kg	04/28/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427464 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX15-1
Date Sampled: 04/25/2003
Time Sampled: 07:33
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Styrene	ND	1	5	ug/Kg	04/28/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03	AM
Toluene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03	AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03	AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03	AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	108			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	108			%	70 - 130	
Surr3 - Toluene-d8	107			%	70 - 130	
Surr4 - p-Bromofluorobenzene	111			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427464 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX15-1

Date Sampled: 04/25/2003

Time Sampled: 07:33

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03	DP
Anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzidine	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Chrysene	ND	1	333	ug/Kg	04/29/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Fluorene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427464 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX15-1
Date Sampled: 04/25/2003
Time Sampled: 07:33
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/29/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03 DP
Isophorone	ND	1	333	ug/Kg	04/29/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03 DP
Naphthalene	ND	1	333	ug/Kg	04/29/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03 DP
Phenol	ND	1	333	ug/Kg	04/29/03 DP
Pyrene	ND	1	333	ug/Kg	04/29/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	53			%	17 - 122
2-Fluorobiphenyl (sur)	50			%	30 - 115
2-Fluorophenol (sur)	57			%	25 - 121
Nitrobenzene-d5 (sur)	46			%	23 - 120
Phenol-d5 (sur)	58			%	24 - 113
Terphenyl-d14 (sur)	67			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427465 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX16-1
Date Sampled: 04/25/2003
Time Sampled: 07:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/29/03	AF
C10 - C22	ND	1	3	mg/Kg	04/29/03	AF
C22 - C32	ND	1	5	mg/Kg	04/29/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427465 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX16-1

Date Sampled: 04/25/2003

Time Sampled: 07:44

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/28/03 AM
Acrolein	ND	1	200	ug/Kg	04/28/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Benzene	ND	1	5	ug/Kg	04/28/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromoform	ND	1	5	ug/Kg	04/28/03 AM
Bromomethane	ND	1	5	ug/Kg	04/28/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03 AM
Chloroethane	ND	1	5	ug/Kg	04/28/03 AM
Chloroform	ND	1	5	ug/Kg	04/28/03 AM
Chloromethane	ND	1	5	ug/Kg	04/28/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03 AM
Iodomethane	ND	1	5	ug/Kg	04/28/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Naphthalene	ND	1	5	ug/Kg	04/28/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03 AM
Propionitrile	ND	1	5	ug/Kg	04/28/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427465 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX16-1
Date Sampled: 04/25/2003
Time Sampled: 07:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Styrene	ND	1	5	ug/Kg	04/28/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03	AM
Toluene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03	AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03	AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03	AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	103	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	109	%	70 - 130
Surr3 - Toluene-d8	108	%	70 - 130
Surr4 - p-Bromofluorobenzene	113	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427465 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX16-1
Date Sampled: 04/25/2003
Time Sampled: 07:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03	DP
Anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzidine	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Chrysene	ND	1	333	ug/Kg	04/29/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Fluorene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427465 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX16-1
Date Sampled: 04/25/2003
Time Sampled: 07:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/29/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03 DP
Isophorone	ND	1	333	ug/Kg	04/29/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03 DP
Naphthalene	ND	1	333	ug/Kg	04/29/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03 DP
Phenol	ND	1	333	ug/Kg	04/29/03 DP
Pyrene	ND	1	333	ug/Kg	04/29/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	45	%	17 - 122
2-Fluorobiphenyl (sur)	45	%	30 - 115
2-Fluorophenol (sur)	54	%	25 - 121
Nitrobenzene-d5 (sur)	40	%	23 - 120
Phenol-d5 (sur)	56	%	24 - 113
Terphenyl-d14 (sur)	65	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427466
Matrix: SOLID
Date Sampled: 04/25/2003
Time Sampled: 07:47
Sampled By:

Client: BHATE
Client Sample ID: FT31EX17-1

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/29/03	AF
C10 - C22	ND	1	3	mg/Kg	04/29/03	AF
C22 - C32	ND	1	5	mg/Kg	04/29/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427466 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX17-1

Date Sampled: 04/25/2003

Time Sampled: 07:47

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/28/03 AM
Acrolein	ND	1	200	ug/Kg	04/28/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Benzene	ND	1	5	ug/Kg	04/28/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromoform	ND	1	5	ug/Kg	04/28/03 AM
Bromomethane	ND	1	5	ug/Kg	04/28/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03 AM
Chloroethane	ND	1	5	ug/Kg	04/28/03 AM
Chloroform	ND	1	5	ug/Kg	04/28/03 AM
Chloromethane	ND	1	5	ug/Kg	04/28/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03 AM
Iodomethane	ND	1	5	ug/Kg	04/28/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Naphthalene	ND	1	5	ug/Kg	04/28/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03 AM
Propionitrile	ND	1	5	ug/Kg	04/28/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427466 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX17-1
Date Sampled: 04/25/2003
Time Sampled: 07:47
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Styrene	ND	1	5	ug/Kg	04/28/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03	AM
Toluene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03	AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03	AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03	AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	103			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	106			%	70 - 130	
Surr3 - Toluene-d8	109			%	70 - 130	
Surr4 - p-Bromofluorobenzene	113			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427466 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX17-1
Date Sampled: 04/25/2003
Time Sampled: 07:47
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03	DP
Anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzidine	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Chrysene	ND	1	333	ug/Kg	04/29/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Fluorene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427466 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX17-1
Date Sampled: 04/25/2003
Time Sampled: 07:47
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/29/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03 DP
Isophorone	ND	1	333	ug/Kg	04/29/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03 DP
Naphthalene	ND	1	333	ug/Kg	04/29/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03 DP
Phenol	ND	1	333	ug/Kg	04/29/03 DP
Pyrene	ND	1	333	ug/Kg	04/29/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	57	%	17 - 122
2-Fluorobiphenyl (sur)	52	%	30 - 115
2-Fluorophenol (sur)	63	%	25 - 121
Nitrobenzene-d5 (sur)	46	%	23 - 120
Phenol-d5 (sur)	64	%	24 - 113
Terphenyl-d14 (sur)	80	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427467 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX19-1

Date Sampled: 04/25/2003

Time Sampled: 07:57

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/29/03	AF
C10 - C22	ND	1	3	mg/Kg	04/29/03	AF
C22 - C32	ND	1	5	mg/Kg	04/29/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427467 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX19-1

Date Sampled: 04/25/2003

Time Sampled: 07:57

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/28/03 AM
Acrolein	ND	1	200	ug/Kg	04/28/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Benzene	ND	1	5	ug/Kg	04/28/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromoform	ND	1	5	ug/Kg	04/28/03 AM
Bromomethane	ND	1	5	ug/Kg	04/28/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03 AM
Chloroethane	ND	1	5	ug/Kg	04/28/03 AM
Chloroform	ND	1	5	ug/Kg	04/28/03 AM
Chloromethane	ND	1	5	ug/Kg	04/28/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03 AM
Iodomethane	ND	1	5	ug/Kg	04/28/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Naphthalene	ND	1	5	ug/Kg	04/28/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03 AM
Propionitrile	ND	1	5	ug/Kg	04/28/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427467 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX19-1
Date Sampled: 04/25/2003
Time Sampled: 07:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Styrene	ND	1	5	ug/Kg	04/28/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03	AM
Toluene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03	AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03	AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03	AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03	AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	107			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	110			%	70 - 130	
Surr3 - Toluene-d8	107			%	70 - 130	
Surr4 - p-Bromofluorobenzene	116			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03	DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427467 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX19-1
Date Sampled: 04/25/2003
Time Sampled: 07:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03 DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03 DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03 DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03 DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03 DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03 DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03 DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03 DP
Anthracene	ND	1	333	ug/Kg	04/29/03 DP
Benzidine	ND	1	333	ug/Kg	04/29/03 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03 DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03 DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03 DP
Chrysene	ND	1	333	ug/Kg	04/29/03 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03 DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03 DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03 DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03 DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03 DP
Fluorene	ND	1	333	ug/Kg	04/29/03 DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427467
Matrix: SOLID
Date Sampled: 04/25/2003
Time Sampled: 07:57
Sampled By:

Client: BHATE
Client Sample ID: FT31EX19-1

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/29/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03 DP
Isophorone	ND	1	333	ug/Kg	04/29/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03 DP
Naphthalene	ND	1	333	ug/Kg	04/29/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03 DP
Phenol	ND	1	333	ug/Kg	04/29/03 DP
Pyrene	ND	1	333	ug/Kg	04/29/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	62	%	17 - 122
2-Fluorobiphenyl (sur)	55	%	30 - 115
2-Fluorophenol (sur)	66	%	25 - 121
Nitrobenzene-d5 (sur)	48	%	23 - 120
Phenol-d5 (sur)	64	%	24 - 113
Terphenyl-d14 (sur)	77	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427468 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX19-D

Date Sampled: 04/25/2003

Time Sampled: 07:57

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/29/03	AF
C10 - C22	ND	1	3	mg/Kg	04/29/03	AF
C22 - C32	ND	1	5	mg/Kg	04/29/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427468 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX19-D
Date Sampled: 04/25/2003
Time Sampled: 07:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/28/03 AM
Acrolein	ND	1	200	ug/Kg	04/28/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Benzene	ND	1	5	ug/Kg	04/28/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromoform	ND	1	5	ug/Kg	04/28/03 AM
Bromomethane	ND	1	5	ug/Kg	04/28/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03 AM
Chloroethane	ND	1	5	ug/Kg	04/28/03 AM
Chloroform	ND	1	5	ug/Kg	04/28/03 AM
Chloromethane	ND	1	5	ug/Kg	04/28/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03 AM
Iodomethane	ND	1	5	ug/Kg	04/28/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Naphthalene	ND	1	5	ug/Kg	04/28/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03 AM
Propionitrile	ND	1	5	ug/Kg	04/28/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427468 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX19-D
Date Sampled: 04/25/2003
Time Sampled: 07:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Styrene	ND	1	5	ug/Kg	04/28/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03 AM
Toluene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03 AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	106	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	110	%	70 - 130
Surr3 - Toluene-d8	112	%	70 - 130
Surr4 - p-Bromofluorobenzene	111	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/30/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/30/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/30/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/30/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/30/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/30/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/30/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/30/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	04/30/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/30/03 DP
2-Methylphenol	ND	1	333	ug/Kg	04/30/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/30/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	04/30/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427468 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX19-D
Date Sampled: 04/25/2003
Time Sampled: 07:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/30/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/30/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/30/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/30/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/30/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/30/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/30/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/30/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/30/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/30/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/30/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/30/03	DP
Anthracene	ND	1	333	ug/Kg	04/30/03	DP
Benzidine	ND	1	333	ug/Kg	04/30/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/30/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/30/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/30/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/30/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/30/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/30/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/30/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/30/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/30/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/30/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/30/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/30/03	DP
Chrysene	ND	1	333	ug/Kg	04/30/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/30/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/30/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/30/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/30/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/30/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/30/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/30/03	DP
Fluorene	ND	1	333	ug/Kg	04/30/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/30/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/30/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/30/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427468
Matrix: SOLID
Date Sampled: 04/25/2003
Time Sampled: 07:57
Sampled By:

Client: BHATE
Client Sample ID: FT31EX19-D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/30/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/30/03 DP
Isophorone	ND	1	333	ug/Kg	04/30/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/30/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/30/03 DP
Naphthalene	ND	1	333	ug/Kg	04/30/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/30/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/30/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/30/03 DP
Phenol	ND	1	333	ug/Kg	04/30/03 DP
Pyrene	ND	1	333	ug/Kg	04/30/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	50	%	17 - 122
2-Fluorobiphenyl (sur)	44	%	30 - 115
2-Fluorophenol (sur)	53	%	25 - 121
Nitrobenzene-d5 (sur)	51	%	23 - 120
Phenol-d5 (sur)	54	%	24 - 113
Terphenyl-d14 (sur)	69	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427469 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX21-1

Date Sampled: 04/25/2003

Time Sampled: 08:11

Sampled By:

8015 Carbon Chain I

Analyte	Result	DF	DLR	Units	Date/Analyst	
C06 - C10	ND	1	3	mg/Kg	04/29/03	AF
C10 - C22	ND	1	3	mg/Kg	04/29/03	AF
C22 - C32	ND	1	5	mg/Kg	04/29/03	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/29/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/29/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/29/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/29/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/29/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/29/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/29/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/29/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/29/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/29/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/29/03	AM
1,2,4-Trimethylbenzene	7.7	1	5	ug/Kg	04/29/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/29/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/29/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/29/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/29/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/29/03	AM
1,3,5-Trimethylbenzene	2.9 J	1	5	ug/Kg	04/29/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/29/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/29/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/29/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/29/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/29/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/29/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/29/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/29/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/29/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/29/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/29/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/29/03	AM
Acetone	ND	1	5	ug/Kg	04/29/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427469 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX21-1

Date Sampled: 04/25/2003

Time Sampled: 08:11

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/29/03 AM
Acrolein	ND	1	200	ug/Kg	04/29/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/29/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/29/03 AM
Benzene	ND	1	5	ug/Kg	04/29/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/29/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/29/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/29/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/29/03 AM
Bromoform	ND	1	5	ug/Kg	04/29/03 AM
Bromomethane	ND	1	5	ug/Kg	04/29/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/29/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/29/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/29/03 AM
Chloroethane	ND	1	5	ug/Kg	04/29/03 AM
Chloroform	ND	1	5	ug/Kg	04/29/03 AM
Chloromethane	ND	1	5	ug/Kg	04/29/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/29/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/29/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/29/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/29/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/29/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/29/03 AM
Ethyl benzene	12	1	5	ug/Kg	04/29/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/29/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/29/03 AM
Iodomethane	ND	1	5	ug/Kg	04/29/03 AM
Isopropylbenzene (Cumene)	1.8 J	1	5	ug/Kg	04/29/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/29/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/29/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/29/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/29/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/29/03 AM
n-Propylbenzene	1.6	1	5	ug/Kg	04/29/03 AM
Naphthalene	ND	1	5	ug/Kg	04/29/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/29/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/29/03 AM
Propionitrile	ND	1	5	ug/Kg	04/29/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427469 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX21-1
Date Sampled: 04/25/2003
Time Sampled: 08:11
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	04/29/03 AM
Styrene	ND	1	5	ug/Kg	04/29/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/29/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	04/29/03 AM
Toluene	ND	1	5	ug/Kg	04/29/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/29/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/29/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/29/03 AM
Trichloroethene	ND	1	5	ug/Kg	04/29/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/29/03 AM
Vinyl acetate	ND	1	50	ug/Kg	04/29/03 AM
Vinyl chloride	ND	1	5	ug/Kg	04/29/03 AM
Xylenes, total	33	1	5	ug/Kg	04/29/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	104			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	103			%	70 - 130
Surr3 - Toluene-d8	105			%	70 - 130
Surr4 - p-Bromofluorobenzene	113			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/30/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/30/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/30/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/30/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/30/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/30/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/30/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/30/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	04/30/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/30/03 DP
2-Methylphenol	ND	1	333	ug/Kg	04/30/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/30/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	04/30/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427469 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX21-1
Date Sampled: 04/25/2003
Time Sampled: 08:11
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/30/03 DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/30/03 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/30/03 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/30/03 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/30/03 DP
4-Chloroaniline	ND	1	333	ug/Kg	04/30/03 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/30/03 DP
4-Methylphenol	ND	1	333	ug/Kg	04/30/03 DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/30/03 DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/30/03 DP
Acenaphthene	ND	1	333	ug/Kg	04/30/03 DP
Acenaphthylene	ND	1	333	ug/Kg	04/30/03 DP
Anthracene	ND	1	333	ug/Kg	04/30/03 DP
Benzidine	ND	1	333	ug/Kg	04/30/03 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/30/03 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/30/03 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/30/03 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/30/03 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/30/03 DP
Benzoic Acid	ND	1	333	ug/Kg	04/30/03 DP
Benzyl alcohol	ND	1	333	ug/Kg	04/30/03 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/30/03 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/30/03 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/30/03 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/30/03 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/30/03 DP
Chrysene	ND	1	333	ug/Kg	04/30/03 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/30/03 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/30/03 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/30/03 DP
Dibenzofuran	ND	1	333	ug/Kg	04/30/03 DP
Diethylphthalate	ND	1	333	ug/Kg	04/30/03 DP
Dimethylphthalate	ND	1	333	ug/Kg	04/30/03 DP
Fluoranthene	ND	1	333	ug/Kg	04/30/03 DP
Fluorene	ND	1	333	ug/Kg	04/30/03 DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/30/03 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/30/03 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/30/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427469 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX21-1
Date Sampled: 04/25/2003
Time Sampled: 08:11
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	04/30/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/30/03 DP
Isophorone	ND	1	333	ug/Kg	04/30/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/30/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/30/03 DP
Naphthalene	ND	1	333	ug/Kg	04/30/03 DP
Nitrobenzene	ND	1	333	ug/Kg	04/30/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/30/03 DP
Phenanthrene	ND	1	333	ug/Kg	04/30/03 DP
Phenol	ND	1	333	ug/Kg	04/30/03 DP
Pyrene	ND	1	333	ug/Kg	04/30/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	61	%	17 - 122
2-Fluorobiphenyl (sur)	56	%	30 - 115
2-Fluorophenol (sur)	69	%	25 - 121
Nitrobenzene-d5 (sur)	51	%	23 - 120
Phenol-d5 (sur)	69	%	24 - 113
Terphenyl-d14 (sur)	76	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427470
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: BHATE
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	04/28/03	AF
C10 - C22	ND	1	3	mg/Kg	04/28/03	AF
C22 - C32	ND	1	5	mg/Kg	04/28/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	04/28/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	04/28/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	04/28/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	04/28/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	04/28/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	04/28/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	04/28/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	04/28/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
2-Hexanone	ND	1	5	ug/Kg	04/28/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	04/28/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	04/28/03	AM
Acetone	ND	1	5	ug/Kg	04/28/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427470 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	04/28/03 AM
Acrolein	ND	1	200	ug/Kg	04/28/03 AM
Acrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Allyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Benzene	ND	1	5	ug/Kg	04/28/03 AM
Benzyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Bromobenzene	ND	1	5	ug/Kg	04/28/03 AM
Bromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	04/28/03 AM
Bromoform	ND	1	5	ug/Kg	04/28/03 AM
Bromomethane	ND	1	5	ug/Kg	04/28/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	04/28/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	04/28/03 AM
Chlorobenzene	ND	1	5	ug/Kg	04/28/03 AM
Chloroethane	ND	1	5	ug/Kg	04/28/03 AM
Chloroform	ND	1	5	ug/Kg	04/28/03 AM
Chloromethane	ND	1	5	ug/Kg	04/28/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	04/28/03 AM
Dibromomethane	ND	1	5	ug/Kg	04/28/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Ethyl benzene	ND	1	5	ug/Kg	04/28/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	04/28/03 AM
Iodomethane	ND	1	5	ug/Kg	04/28/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	04/28/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	04/28/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	04/28/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	04/28/03 AM
Methylene chloride	ND	1	5	ug/Kg	04/28/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Naphthalene	ND	1	5	ug/Kg	04/28/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	04/28/03 AM
Pentachloroethane	ND	1	5	ug/Kg	04/28/03 AM
Propionitrile	ND	1	5	ug/Kg	04/28/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427470 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Styrene	ND	1	5	ug/Kg	04/28/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	04/28/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	04/28/03 AM
Toluene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	04/28/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	04/28/03 AM
Trichloroethene	ND	1	5	ug/Kg	04/28/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	04/28/03 AM
Vinyl acetate	ND	1	50	ug/Kg	04/28/03 AM
Vinyl chloride	ND	1	5	ug/Kg	04/28/03 AM
Xylenes, total	ND	1	5	ug/Kg	04/28/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	100			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	96			%	70 - 130
Surr3 - Toluene-d8	112			%	70 - 130
Surr4 - p-Bromofluorobenzene	115			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	04/29/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	04/29/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	04/29/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	04/29/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	04/29/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	04/29/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	04/29/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	04/29/03 DP
2-Methylphenol	ND	1	333	ug/Kg	04/29/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	04/29/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	04/29/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427470 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	04/29/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	04/29/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	04/29/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	04/29/03	DP
4-Methylphenol	ND	1	333	ug/Kg	04/29/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	04/29/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	04/29/03	DP
Acenaphthene	ND	1	333	ug/Kg	04/29/03	DP
Acenaphthylene	ND	1	333	ug/Kg	04/29/03	DP
Anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzidine	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	04/29/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Benzoic Acid	ND	1	333	ug/Kg	04/29/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	04/29/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	04/29/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Chrysene	ND	1	333	ug/Kg	04/29/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	04/29/03	DP
Dibenzofuran	ND	1	333	ug/Kg	04/29/03	DP
Diethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	04/29/03	DP
Fluoranthene	ND	1	333	ug/Kg	04/29/03	DP
Fluorene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	04/29/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	04/29/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 427470 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	04/29/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	04/29/03	DP
Isophorone	ND	1	333	ug/Kg	04/29/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	04/29/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	04/29/03	DP
Naphthalene	ND	1	333	ug/Kg	04/29/03	DP
Nitrobenzene	ND	1	333	ug/Kg	04/29/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	04/29/03	DP
Phenanthrene	ND	1	333	ug/Kg	04/29/03	DP
Phenol	ND	1	333	ug/Kg	04/29/03	DP
Pyrene	ND	1	333	ug/Kg	04/29/03	DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	51	%	17 - 122
2-Fluorobiphenyl (sur)	67	%	30 - 115
2-Fluorophenol (sur)	79	%	25 - 121
Nitrobenzene-d5 (sur)	60	%	23 - 120
Phenol-d5 (sur)	78	%	24 - 113
Terphenyl-d14 (sur)	75	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Extraction Method : 3545

Prep. Date: 04/28/03

Analysis Date: 04/28/03

ID#'s in Batch: LR 109902, 109905

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	Method	LCS	ND	24	25	96	80%	120%
DIESEL	8015D	LCSD	ND	23	25	92	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-200
Method Blank	68
LCS	133
LCSD	131

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS Soil 9:35 AM

Analysis Date: 04/29/03

Applies to: LR 109902

Reporting Units = ug/Kg

Lab Controlled Spike

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	48.53	97	59-172
MTBE	ND	50	43.25	87	62-137
Benzene	ND	50	47.36	95	62-137
Trichloroethene	ND	50	52.59	105	66-142
Toluene	ND	50	54.34	109	59-139
Chlorobenzene	ND	50	48.16	96	60-133

QC Sample: LCS # 1 4:34 PM
Analysis Date: 04/28/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	51.38	103	59-172
MTBE	ND	50	45.49	91	62-137
Benzene	ND	50	47.54	95	62-137
Trichloroethene	ND	50	53.05	106	66-142
Toluene	ND	50	52.63	105	59-139
Chlorobenzene	ND	50	50.18	100	60-133

QC Sample: LCS # 2 1:55 AM
Analysis Date: 04/29/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	50.29	101	59-172
MTBE	ND	50	46.67	93	62-137
Benzene	ND	50	49.42	99	62-137
Trichloroethene	ND	50	52.51	105	66-142
Toluene	ND	50	53.38	107	59-139
Chlorobenzene	ND	50	48.82	98	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compounds	DBFM	1,2-DCA	Tol-d8	p-BFB
LCS Soil	102	99	113	115
BLANK # 1	100	96	112	115
BLANK # 2	101	97	111	116
LCS # 1	103	99	109	115
LCS # 2	100	101	109	111

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270/625

Prep. Method : 3550B

Matrix: SOLID

Date Analyzed : 04/29/03

Date Extracted : 04/28/03

Applies to: LR 109902

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.1	50	29	28	58	56	4	35	5-120
2-Chorophenol	0.1	50	27	28	54	56	4	50	20-140
1,4-Dichlorobenzene	0.1	50	27	26	54	52	4	27	10-130
n-Nitroso-di-propylamine	0.4	50	34	32	67	63	6	38	1-230
1,2,4-Trichlorobenzene	0.1.	50	24	25	48	50	4	23	40-150
4-Chloro-3-methylphenol	0.2	50	28	28	56	56	0	33	20-150
Acenaphthene	0.1	50	29	30	58	60	3	19	40-150
4-Nitrophenol	0.1	50	26	30	52	60	14	50	1-140
2,4-Dinitrotoluene	0.1	50	33	34	66	68	3	47	35-145
Pentachlorophenol	0.1	50	31	34	62	68	9	47	5-120
Pyrene	0.1	50	34	35	68	70	3	36	45-125

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	38	76	5-120
2-Chlorophenol	50	37	74	20-140
1,4-Dichlorobenzene	50	36	72	10-130
n-Nitroso-di-n-propylamine	50	47	94	1-230
1,2,4-Trichlorobenzene	50	33	66	40-150
4-Chloro-3-methylphenol	50	37	74	20-150
Acenaphthene	50	38	76	40-150
4-Nitophenol	50	33	66	1-140
2,4-Dinitrotoluene	50	40	80	35-145
Pentachlorophenol	50	19	38	5-120
Pyrene	50	43	86	45-125

Method Blank = All ND

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

104402

CHAIN OF CUSTODY RECORD

Date 25Apr03 Page 1 of 1

CLIENT BHATE
ADDRESS 1641 VANDERGRIFT RD BLDG 1266
HOLLOMAN A.F.B. NM 88330
PROJECT NAME FT31

PROJECT MANAGER JERRY PELFREY
PHONE NUMBER (505) 679-2011
SAMPLERS: (Signature) Rafe Jones

Samples Intact Yes X No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled X Frozen ____
Same Day ✓ 24 Hr. ____
Regular ____ 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX02-1	FT31	25Apr03	0700			✓	3		SEE ATTACHMENT
FT31EX03-1		25Apr03	0708			✓	3		
FT31EX04-1		25Apr03	0716			✓	3		
FT31EX12-1		25Apr03	0726			✓	3		
FT31EX15-1		25Apr03	0733			✓	3		
FT31EX16-1		25Apr03	0744			✓	3		
FT31EX17-1		25Apr03	0747			✓	3		
FT31EX19-1		25Apr03	0757			✓	3		
FT31EX19-D	FT31	25Apr03	0757			✓	3		
FT31EX21-1		25Apr03	0811			✓	3		

Relinquished by: (Signature) Rafe Jones 1600 hrs 25Apr03
Relinquished by: (Signature)

Received by: (Signature) Albert Vargas
Received by Laboratory for analysis: (Signature)

Date/Time 4-26-03 1130
Date/Time

I hereby authorize the performance of the above indicated work
Rafe Jones

Special Instructions: PLEASE FAX RESULTS TO (505) 679-2148
FED EX SHIPPER # ~~2659-1054-8~~ 838544322229

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 FAX 714/538-1209

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1641 Vandergrift Rd.
1266
HAFB, NM 88330

LAB REQUEST 110201
REPORTED 05/08/2003
RECEIVED 05/03/2003

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
428882	FT31SP35
428883	FT31SP36
428884	FT31SP37
428885	FT31SP38
428886	FT31SP39
428887	FT31SP40
428888	FT31SP41
428889	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 428882
Matrix: SOLID
Date Sampled: 05/01/2003
Time Sampled: 15:32
Sampled By:

Client: BHATE
Client Sample ID: FT31SP35

8015 Carbon Chain I

Analyte	Result	DF	DLR	Units	Date/Analyst	
C06 - C10	ND	1	3	mg/Kg	05/06/03	AF
C10 - C22	ND	1	3	mg/Kg	05/06/03	AF
C22 - C32	ND	1	5	mg/Kg	05/06/03	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	05/04/03	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	05/04/03	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/04/03	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	05/04/03	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/04/03	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	05/04/03	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,4-Dioxane	ND	1	200	ug/Kg	05/04/03	DP
1-Chlorohexane	ND	1	5	ug/Kg	05/04/03	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	05/04/03	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	05/04/03	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/04/03	DP
2-Chlorotoluene	ND	1	5	ug/Kg	05/04/03	DP
2-Hexanone	ND	1	5	ug/Kg	05/04/03	DP
4-Chlorotoluene	ND	1	5	ug/Kg	05/04/03	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/04/03	DP
Acetone	ND	1	5	ug/Kg	05/04/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428882 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP35
Date Sampled: 05/01/2003
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	05/04/03	DP
Acrolein	ND	1	200	ug/Kg	05/04/03	DP
Acrylonitrile	ND	1	5	ug/Kg	05/04/03	DP
Allyl chloride	ND	1	5	ug/Kg	05/04/03	DP
Benzene	ND	1	5	ug/Kg	05/04/03	DP
Benzyl chloride	ND	1	5	ug/Kg	05/04/03	DP
Bromobenzene	ND	1	5	ug/Kg	05/04/03	DP
Bromochloromethane	ND	1	5	ug/Kg	05/04/03	DP
Bromodichloromethane	ND	1	5	ug/Kg	05/04/03	DP
Bromoform	ND	1	5	ug/Kg	05/04/03	DP
Bromomethane	ND	1	5	ug/Kg	05/04/03	DP
Carbon Disulfide	ND	1	5	ug/Kg	05/04/03	DP
Carbon tetrachloride	ND	1	5	ug/Kg	05/04/03	DP
Chlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
Chloroethane	ND	1	5	ug/Kg	05/04/03	DP
Chloroform	ND	1	5	ug/Kg	05/04/03	DP
Chloromethane	ND	1	5	ug/Kg	05/04/03	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/04/03	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/04/03	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/04/03	DP
Dibromochloromethane	ND	1	5	ug/Kg	05/04/03	DP
Dibromomethane	ND	1	5	ug/Kg	05/04/03	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/04/03	DP
Ethyl benzene	ND	1	5	ug/Kg	05/04/03	DP
Ethyl methacrylate	ND	1	5	ug/Kg	05/04/03	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	05/04/03	DP
Iodomethane	ND	1	5	ug/Kg	05/04/03	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/04/03	DP
Methacrylonitrile	ND	1	5	ug/Kg	05/04/03	DP
Methyl methacrylate	ND	1	5	ug/Kg	05/04/03	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/04/03	DP
Methylene chloride	ND	1	5	ug/Kg	05/04/03	DP
n-Butylbenzene	ND	1	5	ug/Kg	05/04/03	DP
n-Propylbenzene	ND	1	5	ug/Kg	05/04/03	DP
Naphthalene	ND	1	5	ug/Kg	05/04/03	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	05/04/03	DP
Pentachloroethane	ND	1	5	ug/Kg	05/04/03	DP
Propionitrile	ND	1	5	ug/Kg	05/04/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428882 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP35
Date Sampled: 05/01/2003
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/04/03 DP
Styrene	ND	1	5	ug/Kg	05/04/03 DP
tert-Butylbenzene	ND	1	5	ug/Kg	05/04/03 DP
Tetrachloroethene	ND	1	5	ug/Kg	05/04/03 DP
Toluene	ND	1	5	ug/Kg	05/04/03 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/04/03 DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/04/03 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/04/03 DP
Trichloroethene	ND	1	5	ug/Kg	05/04/03 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	05/04/03 DP
Vinyl acetate	ND	1	50	ug/Kg	05/04/03 DP
Vinyl chloride	ND	1	5	ug/Kg	05/04/03 DP
Xylenes, total	ND	1	5	ug/Kg	05/04/03 DP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	85	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	92	%	70 - 130
Surr3 - Toluene-d8	100	%	70 - 130
Surr4 - p-Bromofluorobenzene	89	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/07/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/07/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/07/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/07/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/07/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/07/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/07/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/07/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428882 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP35
Date Sampled: 05/01/2003
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/07/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/07/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/07/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/07/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/07/03	DP
Anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/07/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/07/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Chrysene	ND	1	333	ug/Kg	05/07/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/07/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Fluorene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachloroethane	ND	1	333	ug/Kg	05/07/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428882 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP35
Date Sampled: 05/01/2003
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/07/03 DP
Isophorone	ND	1	333	ug/Kg	05/07/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/07/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/07/03 DP
Naphthalene	ND	1	333	ug/Kg	05/07/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/07/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/07/03 DP
Phenol	ND	1	333	ug/Kg	05/07/03 DP
Pyrene	ND	1	333	ug/Kg	05/07/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	50			%	17 - 122
2-Fluorobiphenyl (sur)	53			%	30 - 115
2-Fluorophenol (sur)	85			%	25 - 121
Nitrobenzene-d5 (sur)	64			%	23 - 120
Phenol-d5 (sur)	67			%	24 - 113
Terphenyl-d14 (sur)	75			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428883 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP36
Date Sampled: 05/01/2003
Time Sampled: 15:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/06/03	AF
C10 - C22	13	1	3	mg/Kg	05/06/03	AF
C22 - C32	ND	1	5	mg/Kg	05/06/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dioxane	ND	1	200	ug/Kg	05/05/03	DP
1-Chlorohexane	ND	1	5	ug/Kg	05/05/03	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	05/05/03	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/05/03	DP
2-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
2-Hexanone	ND	1	5	ug/Kg	05/05/03	DP
4-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/05/03	DP
Acetone	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428883 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP36
Date Sampled: 05/01/2003
Time Sampled: 15:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	05/05/03	DP
Acrolein	ND	1	200	ug/Kg	05/05/03	DP
Acrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Allyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Benzene	ND	1	5	ug/Kg	05/05/03	DP
Benzyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Bromobenzene	ND	1	5	ug/Kg	05/05/03	DP
Bromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromodichloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromoform	ND	1	5	ug/Kg	05/05/03	DP
Bromomethane	ND	1	5	ug/Kg	05/05/03	DP
Carbon Disulfide	ND	1	5	ug/Kg	05/05/03	DP
Carbon tetrachloride	ND	1	5	ug/Kg	05/05/03	DP
Chlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
Chloroethane	ND	1	5	ug/Kg	05/05/03	DP
Chloroform	ND	1	5	ug/Kg	05/05/03	DP
Chloromethane	ND	1	5	ug/Kg	05/05/03	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03	DP
Dibromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Dibromomethane	ND	1	5	ug/Kg	05/05/03	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/05/03	DP
Ethyl benzene	ND	1	5	ug/Kg	05/05/03	DP
Ethyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	05/05/03	DP
Iodomethane	ND	1	5	ug/Kg	05/05/03	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/05/03	DP
Methacrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Methyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/05/03	DP
Methylene chloride	ND	1	5	ug/Kg	05/05/03	DP
n-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
n-Propylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Naphthalene	ND	1	5	ug/Kg	05/05/03	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	05/05/03	DP
Pentachloroethane	ND	1	5	ug/Kg	05/05/03	DP
Propionitrile	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428883 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP36
Date Sampled: 05/01/2003
Time Sampled: 15:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Styrene	ND	1	5	ug/Kg	05/05/03	DP
tert-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Tetrachloroethene	ND	1	5	ug/Kg	05/05/03	DP
Toluene	ND	1	5	ug/Kg	05/05/03	DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03	DP
Trichloroethene	ND	1	5	ug/Kg	05/05/03	DP
Trichlorofluoromethane	ND	1	5	ug/Kg	05/05/03	DP
Vinyl acetate	ND	1	50	ug/Kg	05/05/03	DP
Vinyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Xylenes, total	ND	1	5	ug/Kg	05/05/03	DP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	84	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	90	%	70 - 130
Surr3 - Toluene-d8	103	%	70 - 130
Surr4 - p-Bromofluorobenzene	90	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/07/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/07/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/07/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	05/07/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/07/03	DP
2-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	05/07/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428883 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP36
Date Sampled: 05/01/2003
Time Sampled: 15:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/07/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/07/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/07/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/07/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/07/03	DP
Anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/07/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/07/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Chrysene	ND	1	333	ug/Kg	05/07/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/07/03	DP
Diethylphthalate	2400	1	333	ug/Kg	05/07/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Fluorene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachloroethane	ND	1	333	ug/Kg	05/07/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428883 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP36
Date Sampled: 05/01/2003
Time Sampled: 15:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/07/03 DP
Isophorone	ND	1	333	ug/Kg	05/07/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/07/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/07/03 DP
Naphthalene	ND	1	333	ug/Kg	05/07/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/07/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/07/03 DP
Phenol	ND	1	333	ug/Kg	05/07/03 DP
Pyrene	ND	1	333	ug/Kg	05/07/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	53	%	17 - 122
2-Fluorobiphenyl (sur)	55	%	30 - 115
2-Fluorophenol (sur)	88	%	25 - 121
Nitrobenzene-d5 (sur)	68	%	23 - 120
Phenol-d5 (sur)	75	%	24 - 113
Terphenyl-d14 (sur)	82	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428884 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP37
Date Sampled: 05/01/2003
Time Sampled: 15:41
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/06/03	AF
C10 - C22	4.4	1	3	mg/Kg	05/06/03	AF
C22 - C32	ND	1	5	mg/Kg	05/06/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dioxane	ND	1	200	ug/Kg	05/05/03	DP
1-Chlorohexane	ND	1	5	ug/Kg	05/05/03	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	05/05/03	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/05/03	DP
2-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
2-Hexanone	ND	1	5	ug/Kg	05/05/03	DP
4-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/05/03	DP
Acetone	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428884 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP37
Date Sampled: 05/01/2003
Time Sampled: 15:41
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	05/05/03	DP
Acrolein	ND	1	200	ug/Kg	05/05/03	DP
Acrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Allyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Benzene	ND	1	5	ug/Kg	05/05/03	DP
Benzyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Bromobenzene	ND	1	5	ug/Kg	05/05/03	DP
Bromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromodichloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromoform	ND	1	5	ug/Kg	05/05/03	DP
Bromomethane	ND	1	5	ug/Kg	05/05/03	DP
Carbon Disulfide	ND	1	5	ug/Kg	05/05/03	DP
Carbon tetrachloride	ND	1	5	ug/Kg	05/05/03	DP
Chlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
Chloroethane	ND	1	5	ug/Kg	05/05/03	DP
Chloroform	ND	1	5	ug/Kg	05/05/03	DP
Chloromethane	ND	1	5	ug/Kg	05/05/03	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03	DP
Dibromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Dibromomethane	ND	1	5	ug/Kg	05/05/03	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/05/03	DP
Ethyl benzene	ND	1	5	ug/Kg	05/05/03	DP
Ethyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	05/05/03	DP
Iodomethane	ND	1	5	ug/Kg	05/05/03	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/05/03	DP
Methacrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Methyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/05/03	DP
Methylene chloride	ND	1	5	ug/Kg	05/05/03	DP
n-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
n-Propylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Naphthalene	ND	1	5	ug/Kg	05/05/03	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	05/05/03	DP
Pentachloroethane	ND	1	5	ug/Kg	05/05/03	DP
Propionitrile	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428884 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP37
Date Sampled: 05/01/2003
Time Sampled: 15:41
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Styrene	ND	1	5	ug/Kg	05/05/03	DP
tert-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Tetrachloroethene	ND	1	5	ug/Kg	05/05/03	DP
Toluene	ND	1	5	ug/Kg	05/05/03	DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03	DP
Trichloroethene	ND	1	5	ug/Kg	05/05/03	DP
Trichlorofluoromethane	ND	1	5	ug/Kg	05/05/03	DP
Vinyl acetate	ND	1	50	ug/Kg	05/05/03	DP
Vinyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Xylenes, total	ND	1	5	ug/Kg	05/05/03	DP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	83	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	89	%	70 - 130
Surr3 - Toluene-d8	103	%	70 - 130
Surr4 - p-Bromofluorobenzene	89	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/07/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/07/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/07/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	05/07/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/07/03	DP
2-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	05/07/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428884 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP37
Date Sampled: 05/01/2003
Time Sampled: 15:41
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/07/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/07/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/07/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/07/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/07/03	DP
Anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/07/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/07/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Chrysene	ND	1	333	ug/Kg	05/07/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/07/03	DP
Diethylphthalate	2940	1	333	ug/Kg	05/07/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Fluorene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachloroethane	ND	1	333	ug/Kg	05/07/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428884 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP37
Date Sampled: 05/01/2003
Time Sampled: 15:41
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/07/03 DP
Isophorone	ND	1	333	ug/Kg	05/07/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/07/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/07/03 DP
Naphthalene	ND	1	333	ug/Kg	05/07/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/07/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/07/03 DP
Phenol	ND	1	333	ug/Kg	05/07/03 DP
Pyrene	ND	1	333	ug/Kg	05/07/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	57			%	17 - 122
2-Fluorobiphenyl (sur)	52			%	30 - 115
2-Fluorophenol (sur)	84			%	25 - 121
Nitrobenzene-d5 (sur)	62			%	23 - 120
Phenol-d5 (sur)	67			%	24 - 113
Terphenyl-d14 (sur)	83			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428885 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP38
Date Sampled: 05/01/2003
Time Sampled: 15:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/06/03	AF
C10 - C22	ND	1	3	mg/Kg	05/06/03	AF
C22 - C32	ND	1	5	mg/Kg	05/06/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dioxane	ND	1	200	ug/Kg	05/05/03	DP
1-Chlorohexane	ND	1	5	ug/Kg	05/05/03	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	05/05/03	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/05/03	DP
2-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
2-Hexanone	ND	1	5	ug/Kg	05/05/03	DP
4-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/05/03	DP
Acetone	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428885 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP38
Date Sampled: 05/01/2003
Time Sampled: 15:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	05/05/03	DP
Acrolein	ND	1	200	ug/Kg	05/05/03	DP
Acrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Allyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Benzene	ND	1	5	ug/Kg	05/05/03	DP
Benzyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Bromobenzene	ND	1	5	ug/Kg	05/05/03	DP
Bromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromodichloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromoform	ND	1	5	ug/Kg	05/05/03	DP
Bromomethane	ND	1	5	ug/Kg	05/05/03	DP
Carbon Disulfide	ND	1	5	ug/Kg	05/05/03	DP
Carbon tetrachloride	ND	1	5	ug/Kg	05/05/03	DP
Chlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
Chloroethane	ND	1	5	ug/Kg	05/05/03	DP
Chloroform	ND	1	5	ug/Kg	05/05/03	DP
Chloromethane	ND	1	5	ug/Kg	05/05/03	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03	DP
Dibromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Dibromomethane	ND	1	5	ug/Kg	05/05/03	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/05/03	DP
Ethyl benzene	ND	1	5	ug/Kg	05/05/03	DP
Ethyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	05/05/03	DP
Iodomethane	ND	1	5	ug/Kg	05/05/03	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/05/03	DP
Methacrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Methyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/05/03	DP
Methylene chloride	ND	1	5	ug/Kg	05/05/03	DP
n-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
n-Propylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Naphthalene	ND	1	5	ug/Kg	05/05/03	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	05/05/03	DP
Pentachloroethane	ND	1	5	ug/Kg	05/05/03	DP
Propionitrile	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428885 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP38
Date Sampled: 05/01/2003
Time Sampled: 15:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Styrene	ND	1	5	ug/Kg	05/05/03 DP
tert-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Tetrachloroethene	ND	1	5	ug/Kg	05/05/03 DP
Toluene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03 DP
Trichloroethene	ND	1	5	ug/Kg	05/05/03 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	05/05/03 DP
Vinyl acetate	ND	1	50	ug/Kg	05/05/03 DP
Vinyl chloride	ND	1	5	ug/Kg	05/05/03 DP
Xylenes, total	ND	1	5	ug/Kg	05/05/03 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	85			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	92			%	70 - 130
Surr3 - Toluene-d8	102			%	70 - 130
Surr4 - p-Bromofluorobenzene	88			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/07/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/07/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/07/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/07/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/07/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/07/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/07/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/07/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428885 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP38
Date Sampled: 05/01/2003
Time Sampled: 15:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/07/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/07/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/07/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/07/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/07/03	DP
Anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/07/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/07/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Chrysene	ND	1	333	ug/Kg	05/07/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/07/03	DP
Diethylphthalate	849	1	333	ug/Kg	05/07/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Fluorene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachloroethane	ND	1	333	ug/Kg	05/07/03	DP

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Order #: 428885 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP38
Date Sampled: 05/01/2003
Time Sampled: 15:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/07/03 DP
Isophorone	ND	1	333	ug/Kg	05/07/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/07/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/07/03 DP
Naphthalene	ND	1	333	ug/Kg	05/07/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/07/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/07/03 DP
Phenol	ND	1	333	ug/Kg	05/07/03 DP
Pyrene	ND	1	333	ug/Kg	05/07/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	43	%	17 - 122
2-Fluorobiphenyl (sur)	43	%	30 - 115
2-Fluorophenol (sur)	70	%	25 - 121
Nitrobenzene-d5 (sur)	51	%	23 - 120
Phenol-d5 (sur)	61	%	24 - 113
Terphenyl-d14 (sur)	77	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428886 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP39
Date Sampled: 05/01/2003
Time Sampled: 15:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/06/03	AF
C10 - C22	8.4	1	3	mg/Kg	05/06/03	AF
C22 - C32	ND	1	5	mg/Kg	05/06/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dioxane	ND	1	200	ug/Kg	05/05/03	DP
1-Chlorohexane	ND	1	5	ug/Kg	05/05/03	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	05/05/03	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/05/03	DP
2-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
2-Hexanone	ND	1	5	ug/Kg	05/05/03	DP
4-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/05/03	DP
Acetone	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428886 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP39
Date Sampled: 05/01/2003
Time Sampled: 15:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	05/05/03	DP
Acrolein	ND	1	200	ug/Kg	05/05/03	DP
Acrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Allyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Benzene	ND	1	5	ug/Kg	05/05/03	DP
Benzyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Bromobenzene	ND	1	5	ug/Kg	05/05/03	DP
Bromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromodichloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromoform	ND	1	5	ug/Kg	05/05/03	DP
Bromomethane	ND	1	5	ug/Kg	05/05/03	DP
Carbon Disulfide	ND	1	5	ug/Kg	05/05/03	DP
Carbon tetrachloride	ND	1	5	ug/Kg	05/05/03	DP
Chlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
Chloroethane	ND	1	5	ug/Kg	05/05/03	DP
Chloroform	ND	1	5	ug/Kg	05/05/03	DP
Chloromethane	ND	1	5	ug/Kg	05/05/03	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03	DP
Dibromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Dibromomethane	ND	1	5	ug/Kg	05/05/03	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/05/03	DP
Ethyl benzene	ND	1	5	ug/Kg	05/05/03	DP
Ethyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	05/05/03	DP
Iodomethane	ND	1	5	ug/Kg	05/05/03	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/05/03	DP
Methacrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Methyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/05/03	DP
Methylene chloride	ND	1	5	ug/Kg	05/05/03	DP
n-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
n-Propylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Naphthalene	ND	1	5	ug/Kg	05/05/03	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	05/05/03	DP
Pentachloroethane	ND	1	5	ug/Kg	05/05/03	DP
Propionitrile	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428886 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP39
Date Sampled: 05/01/2003
Time Sampled: 15:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Styrene	ND	1	5	ug/Kg	05/05/03 DP
tert-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Tetrachloroethene	ND	1	5	ug/Kg	05/05/03 DP
Toluene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03 DP
Trichloroethene	ND	1	5	ug/Kg	05/05/03 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	05/05/03 DP
Vinyl acetate	ND	1	50	ug/Kg	05/05/03 DP
Vinyl chloride	ND	1	5	ug/Kg	05/05/03 DP
Xylenes, total	ND	1	5	ug/Kg	05/05/03 DP
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	85			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	91			%	70 - 130
Surr3 - Toluene-d8	103			%	70 - 130
Surr4 - p-Bromofluorobenzene	91			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/07/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/07/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/07/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/07/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/07/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/07/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/07/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/07/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/07/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428886 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP39
Date Sampled: 05/01/2003
Time Sampled: 15:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/07/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/07/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/07/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/07/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/07/03	DP
Anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/07/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/07/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Chrysene	ND	1	333	ug/Kg	05/07/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/07/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Fluorene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachloroethane	ND	1	333	ug/Kg	05/07/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428886
Matrix: SOLID
Date Sampled: 05/01/2003
Time Sampled: 15:52
Sampled By:

Client: BHATE
Client Sample ID: FT31SP39

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/07/03 DP
Isophorone	ND	1	333	ug/Kg	05/07/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/07/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/07/03 DP
Naphthalene	ND	1	333	ug/Kg	05/07/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/07/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/07/03 DP
Phenol	ND	1	333	ug/Kg	05/07/03 DP
Pyrene	ND	1	333	ug/Kg	05/07/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	42	%	17 - 122
2-Fluorobiphenyl (sur)	42	%	30 - 115
2-Fluorophenol (sur)	69	%	25 - 121
Nitrobenzene-d5 (sur)	51	%	23 - 120
Phenol-d5 (sur)	59	%	24 - 113
Terphenyl-d14 (sur)	85	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428887 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP40
Date Sampled: 05/01/2003
Time Sampled: 16:17
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	11	1	3	mg/Kg	05/06/03	AF
C10 - C22	47	1	3	mg/Kg	05/06/03	AF
C22 - C32	ND	1	5	mg/Kg	05/06/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dioxane	ND	1	200	ug/Kg	05/05/03	DP
1-Chlorohexane	ND	1	5	ug/Kg	05/05/03	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	05/05/03	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/05/03	DP
2-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
2-Hexanone	ND	1	5	ug/Kg	05/05/03	DP
4-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/05/03	DP
Acetone	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428887
Matrix: SOLID
Date Sampled: 05/01/2003
Time Sampled: 16:17
Sampled By:

Client: BHATE
Client Sample ID: FT31SP40

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	05/05/03	DP
Acrolein	ND	1	200	ug/Kg	05/05/03	DP
Acrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Allyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Benzene	ND	1	5	ug/Kg	05/05/03	DP
Benzyl chloride	ND	1	5	ug/Kg	05/05/03	DP
Bromobenzene	ND	1	5	ug/Kg	05/05/03	DP
Bromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromodichloromethane	ND	1	5	ug/Kg	05/05/03	DP
Bromoform	ND	1	5	ug/Kg	05/05/03	DP
Bromomethane	ND	1	5	ug/Kg	05/05/03	DP
Carbon Disulfide	ND	1	5	ug/Kg	05/05/03	DP
Carbon tetrachloride	ND	1	5	ug/Kg	05/05/03	DP
Chlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
Chloroethane	ND	1	5	ug/Kg	05/05/03	DP
Chloroform	ND	1	5	ug/Kg	05/05/03	DP
Chloromethane	ND	1	5	ug/Kg	05/05/03	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03	DP
Dibromochloromethane	ND	1	5	ug/Kg	05/05/03	DP
Dibromomethane	ND	1	5	ug/Kg	05/05/03	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/05/03	DP
Ethyl benzene	ND	1	5	ug/Kg	05/05/03	DP
Ethyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	05/05/03	DP
Iodomethane	ND	1	5	ug/Kg	05/05/03	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/05/03	DP
Methacrylonitrile	ND	1	5	ug/Kg	05/05/03	DP
Methyl methacrylate	ND	1	5	ug/Kg	05/05/03	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/05/03	DP
Methylene chloride	ND	1	5	ug/Kg	05/05/03	DP
n-Butylbenzene	ND	1	5	ug/Kg	05/05/03	DP
n-Propylbenzene	ND	1	5	ug/Kg	05/05/03	DP
Naphthalene	ND	1	5	ug/Kg	05/05/03	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	05/05/03	DP
Pentachloroethane	ND	1	5	ug/Kg	05/05/03	DP
Propionitrile	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428887 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP40
Date Sampled: 05/01/2003
Time Sampled: 16:17
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Styrene	ND	1	5	ug/Kg	05/05/03 DP
tert-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Tetrachloroethene	ND	1	5	ug/Kg	05/05/03 DP
Toluene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03 DP
Trichloroethene	ND	1	5	ug/Kg	05/05/03 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	05/05/03 DP
Vinyl acetate	ND	1	50	ug/Kg	05/05/03 DP
Vinyl chloride	ND	1	5	ug/Kg	05/05/03 DP
Xylenes, total	ND	1	5	ug/Kg	05/05/03 DP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	85	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	92	%	70 - 130
Surr3 - Toluene-d8	104	%	70 - 130
Surr4 - p-Bromofluorobenzene	90	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/08/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/08/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/08/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/08/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/08/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/08/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/08/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/08/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/08/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/08/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/08/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/08/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/08/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428887 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP40
Date Sampled: 05/01/2003
Time Sampled: 16:17
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/08/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/08/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/08/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/08/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/08/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/08/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/08/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/08/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/08/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/08/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/08/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/08/03	DP
Anthracene	ND	1	333	ug/Kg	05/08/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/08/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/08/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/08/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/08/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/08/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/08/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/08/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/08/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/08/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/08/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/08/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/08/03	DP
Chrysene	ND	1	333	ug/Kg	05/08/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/08/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/08/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/08/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/08/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/08/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/08/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/08/03	DP
Fluorene	ND	1	333	ug/Kg	05/08/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/08/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/08/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/08/03	DP
Hexachloroethane	ND	1	333	ug/Kg	05/08/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428887
Matrix: SOLID
Date Sampled: 05/01/2003
Time Sampled: 16:17
Sampled By:

Client: BHATE
Client Sample ID: FT31SP40

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/08/03 DP
Isophorone	ND	1	333	ug/Kg	05/08/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/08/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/08/03 DP
Naphthalene	ND	1	333	ug/Kg	05/08/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/08/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/08/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/08/03 DP
Phenol	ND	1	333	ug/Kg	05/08/03 DP
Pyrene	ND	1	333	ug/Kg	05/08/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	56	%	17 - 122
2-Fluorobiphenyl (sur)	52	%	30 - 115
2-Fluorophenol (sur)	70	%	25 - 121
Nitrobenzene-d5 (sur)	54	%	23 - 120
Phenol-d5 (sur)	64	%	24 - 113
Terphenyl-d14 (sur)	81	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428888
Matrix: SOLID
Date Sampled: 05/01/2003
Time Sampled: 16:16
Sampled By:

Client: BHATE
Client Sample ID: FT31SP41

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	6.3	1	3	mg/Kg	05/06/03	AF
C10 - C22	25	1	3	mg/Kg	05/06/03	AF
C22 - C32	ND	1	5	mg/Kg	05/06/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	05/05/03	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	05/05/03	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/05/03	DP
1,4-Dioxane	ND	1	200	ug/Kg	05/05/03	DP
1-Chlorohexane	ND	1	5	ug/Kg	05/05/03	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	05/05/03	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	05/05/03	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/05/03	DP
2-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
2-Hexanone	ND	1	5	ug/Kg	05/05/03	DP
4-Chlorotoluene	ND	1	5	ug/Kg	05/05/03	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/05/03	DP
Acetone	ND	1	5	ug/Kg	05/05/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428888 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP41
Date Sampled: 05/01/2003
Time Sampled: 16:16
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/05/03 DP
Acrolein	ND	1	200	ug/Kg	05/05/03 DP
Acrylonitrile	ND	1	5	ug/Kg	05/05/03 DP
Allyl chloride	ND	1	5	ug/Kg	05/05/03 DP
Benzene	ND	1	5	ug/Kg	05/05/03 DP
Benzyl chloride	ND	1	5	ug/Kg	05/05/03 DP
Bromobenzene	ND	1	5	ug/Kg	05/05/03 DP
Bromochloromethane	ND	1	5	ug/Kg	05/05/03 DP
Bromodichloromethane	ND	1	5	ug/Kg	05/05/03 DP
Bromoform	ND	1	5	ug/Kg	05/05/03 DP
Bromomethane	ND	1	5	ug/Kg	05/05/03 DP
Carbon Disulfide	ND	1	5	ug/Kg	05/05/03 DP
Carbon tetrachloride	ND	1	5	ug/Kg	05/05/03 DP
Chlorobenzene	ND	1	5	ug/Kg	05/05/03 DP
Chloroethane	ND	1	5	ug/Kg	05/05/03 DP
Chloroform	ND	1	5	ug/Kg	05/05/03 DP
Chloromethane	ND	1	5	ug/Kg	05/05/03 DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03 DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03 DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03 DP
Dibromochloromethane	ND	1	5	ug/Kg	05/05/03 DP
Dibromomethane	ND	1	5	ug/Kg	05/05/03 DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/05/03 DP
Ethyl benzene	ND	1	5	ug/Kg	05/05/03 DP
Ethyl methacrylate	ND	1	5	ug/Kg	05/05/03 DP
Hexachlorobutadiene	ND	1	5	ug/Kg	05/05/03 DP
Iodomethane	ND	1	5	ug/Kg	05/05/03 DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/05/03 DP
Methacrylonitrile	ND	1	5	ug/Kg	05/05/03 DP
Methyl methacrylate	ND	1	5	ug/Kg	05/05/03 DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/05/03 DP
Methylene chloride	ND	1	5	ug/Kg	05/05/03 DP
n-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
n-Propylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Naphthalene	ND	1	5	ug/Kg	05/05/03 DP
p-Isopropyltoluene	ND	1	5	ug/Kg	05/05/03 DP
Pentachloroethane	ND	1	5	ug/Kg	05/05/03 DP
Propionitrile	ND	1	5	ug/Kg	05/05/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428888 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP41
Date Sampled: 05/01/2003
Time Sampled: 16:16
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Styrene	ND	1	5	ug/Kg	05/05/03 DP
tert-Butylbenzene	ND	1	5	ug/Kg	05/05/03 DP
Tetrachloroethene	ND	1	5	ug/Kg	05/05/03 DP
Toluene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/05/03 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/05/03 DP
Trichloroethene	ND	1	5	ug/Kg	05/05/03 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	05/05/03 DP
Vinyl acetate	ND	1	50	ug/Kg	05/05/03 DP
Vinyl chloride	ND	1	5	ug/Kg	05/05/03 DP
Xylenes, total	ND	1	5	ug/Kg	05/05/03 DP

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	86	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	92	%	70 - 130
Surr3 - Toluene-d8	102	%	70 - 130
Surr4 - p-Bromofluorobenzene	92	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/08/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/08/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/08/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/08/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/08/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/08/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/08/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/08/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/08/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/08/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/08/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/08/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/08/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428888 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31SP41
Date Sampled: 05/01/2003
Time Sampled: 16:16
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/08/03 DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/08/03 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/08/03 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/08/03 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/08/03 DP
4-Chloroaniline	ND	1	333	ug/Kg	05/08/03 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/08/03 DP
4-Methylphenol	ND	1	333	ug/Kg	05/08/03 DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/08/03 DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/08/03 DP
Acenaphthene	ND	1	333	ug/Kg	05/08/03 DP
Acenaphthylene	ND	1	333	ug/Kg	05/08/03 DP
Anthracene	ND	1	333	ug/Kg	05/08/03 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/08/03 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/08/03 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/08/03 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/08/03 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/08/03 DP
Benzoic Acid	ND	1	333	ug/Kg	05/08/03 DP
Benzyl alcohol	ND	1	333	ug/Kg	05/08/03 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/08/03 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/08/03 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/08/03 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/08/03 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/08/03 DP
Chrysene	ND	1	333	ug/Kg	05/08/03 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/08/03 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/08/03 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/08/03 DP
Dibenzofuran	ND	1	333	ug/Kg	05/08/03 DP
Diethylphthalate	ND	1	333	ug/Kg	05/08/03 DP
Dimethylphthalate	ND	1	333	ug/Kg	05/08/03 DP
Fluoranthene	ND	1	333	ug/Kg	05/08/03 DP
Fluorene	ND	1	333	ug/Kg	05/08/03 DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/08/03 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/08/03 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/08/03 DP
Hexachloroethane	ND	1	333	ug/Kg	05/08/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428888
Matrix: SOLID
Date Sampled: 05/01/2003
Time Sampled: 16:16
Sampled By:

Client: BHATE
Client Sample ID: FT31SP41

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/08/03 DP
Isophorone	ND	1	333	ug/Kg	05/08/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/08/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/08/03 DP
Naphthalene	ND	1	333	ug/Kg	05/08/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/08/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/08/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/08/03 DP
Phenol	ND	1	333	ug/Kg	05/08/03 DP
Pyrene	ND	1	333	ug/Kg	05/08/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	60	%	17 - 122
2-Fluorobiphenyl (sur)	63	%	30 - 115
2-Fluorophenol (sur)	84	%	25 - 121
Nitrobenzene-d5 (sur)	66	%	23 - 120
Phenol-d5 (sur)	74	%	24 - 113
Terphenyl-d14 (sur)	90	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428889 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/05/03	AF
C10 - C22	ND	1	3	mg/Kg	05/05/03	AF
C22 - C32	ND	1	5	mg/Kg	05/05/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	05/04/03	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	05/04/03	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/04/03	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	05/04/03	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	05/04/03	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/04/03	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	05/04/03	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
1,4-Dioxane	ND	1	200	ug/Kg	05/04/03	DP
1-Chlorohexane	ND	1	5	ug/Kg	05/04/03	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	05/04/03	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	05/04/03	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/04/03	DP
2-Chlorotoluene	ND	1	5	ug/Kg	05/04/03	DP
2-Hexanone	ND	1	5	ug/Kg	05/04/03	DP
4-Chlorotoluene	ND	1	5	ug/Kg	05/04/03	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/04/03	DP
Acetone	ND	1	5	ug/Kg	05/04/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428889 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	05/04/03	DP
Acrolein	ND	1	200	ug/Kg	05/04/03	DP
Acrylonitrile	ND	1	5	ug/Kg	05/04/03	DP
Allyl chloride	ND	1	5	ug/Kg	05/04/03	DP
Benzene	ND	1	5	ug/Kg	05/04/03	DP
Benzyl chloride	ND	1	5	ug/Kg	05/04/03	DP
Bromobenzene	ND	1	5	ug/Kg	05/04/03	DP
Bromochloromethane	ND	1	5	ug/Kg	05/04/03	DP
Bromodichloromethane	ND	1	5	ug/Kg	05/04/03	DP
Bromoform	ND	1	5	ug/Kg	05/04/03	DP
Bromomethane	ND	1	5	ug/Kg	05/04/03	DP
Carbon Disulfide	ND	1	5	ug/Kg	05/04/03	DP
Carbon tetrachloride	ND	1	5	ug/Kg	05/04/03	DP
Chlorobenzene	ND	1	5	ug/Kg	05/04/03	DP
Chloroethane	ND	1	5	ug/Kg	05/04/03	DP
Chloroform	ND	1	5	ug/Kg	05/04/03	DP
Chloromethane	ND	1	5	ug/Kg	05/04/03	DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/04/03	DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/04/03	DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/04/03	DP
Dibromochloromethane	ND	1	5	ug/Kg	05/04/03	DP
Dibromomethane	ND	1	5	ug/Kg	05/04/03	DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/04/03	DP
Ethyl benzene	ND	1	5	ug/Kg	05/04/03	DP
Ethyl methacrylate	ND	1	5	ug/Kg	05/04/03	DP
Hexachlorobutadiene	ND	1	5	ug/Kg	05/04/03	DP
Iodomethane	ND	1	5	ug/Kg	05/04/03	DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/04/03	DP
Methacrylonitrile	ND	1	5	ug/Kg	05/04/03	DP
Methyl methacrylate	ND	1	5	ug/Kg	05/04/03	DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/04/03	DP
Methylene chloride	ND	1	5	ug/Kg	05/04/03	DP
n-Butylbenzene	ND	1	5	ug/Kg	05/04/03	DP
n-Propylbenzene	ND	1	5	ug/Kg	05/04/03	DP
Naphthalene	ND	1	5	ug/Kg	05/04/03	DP
p-Isopropyltoluene	ND	1	5	ug/Kg	05/04/03	DP
Pentachloroethane	ND	1	5	ug/Kg	05/04/03	DP
Propionitrile	ND	1	5	ug/Kg	05/04/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428889 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	05/04/03	DP
Styrene	ND	1	5	ug/Kg	05/04/03	DP
tert-Butylbenzene	ND	1	5	ug/Kg	05/04/03	DP
Tetrachloroethene	ND	1	5	ug/Kg	05/04/03	DP
Toluene	ND	1	5	ug/Kg	05/04/03	DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/04/03	DP
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/04/03	DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/04/03	DP
Trichloroethene	ND	1	5	ug/Kg	05/04/03	DP
Trichlorofluoromethane	ND	1	5	ug/Kg	05/04/03	DP
Vinyl acetate	ND	1	50	ug/Kg	05/04/03	DP
Vinyl chloride	ND	1	5	ug/Kg	05/04/03	DP
Xylenes, total	ND	1	5	ug/Kg	05/04/03	DP
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	91			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	74			%	70 - 130	
Surr3 - Toluene-d8	102			%	70 - 130	
Surr4 - p-Bromofluorobenzene	86			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/07/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/07/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/07/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/07/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	05/07/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/07/03	DP
2-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	05/07/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428889 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/07/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/07/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/07/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/07/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/07/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/07/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/07/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/07/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/07/03	DP
Anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/07/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/07/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/07/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/07/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Chrysene	ND	1	333	ug/Kg	05/07/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/07/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/07/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/07/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/07/03	DP
Fluorene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/07/03	DP
Hexachloroethane	ND	1	333	ug/Kg	05/07/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 428889 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/07/03 DP
Isophorone	ND	1	333	ug/Kg	05/07/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/07/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/07/03 DP
Naphthalene	ND	1	333	ug/Kg	05/07/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/07/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/07/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/07/03 DP
Phenol	ND	1	333	ug/Kg	05/07/03 DP
Pyrene	ND	1	333	ug/Kg	05/07/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	35			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	76			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	59			%	24 - 113
Terphenyl-d14 (sur)	81			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Extraction Method : 3545

Prep. Date: 05/05/03

Analysis Date: 05/05/03

ID#'s in Batch: LR 110153, 110200, 110201

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	Method	LCS	ND	29	25	116	80%	120%
DIESEL	8015D	LCSD	ND	30	25	120	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-200
Method Blank	153
LCS	151
LCSD	164

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD # 2 - Soil Samples

Analysis Date: 05/05/03 3:21 AM

Applies to: LR 110153, 110200, 110201

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	58.44	57.48	117	115	2	22	59-172
MTBE	ND	50	53.30	51.60	107	103	3	24	62-137
Benzene	ND	50	51.90	51.63	104	103	1	24	62-137
Trichloroethene	ND	50	48.55	47.82	97	96	2	21	66-142
Toluene	ND	50	49.59	50.46	99	101	2	21	59-139
Chlorobenzene	ND	50	48.23	49.57	96	99	3	21	60-133

QC Sample: LCS/LCSD # 3 8:52 AM
Analysis Date: 05/05/03

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	43.08	50.96	86	102	17	22	59-172
MTBE	ND	50	49.25	51.17	99	102	4	24	62-137
Benzene	ND	50	48.52	51.79	97	104	7	24	62-137
Trichloroethene	ND	50	44.57	47.53	89	95	6	21	66-142
Toluene	ND	50	47.43	50.80	95	102	7	21	59-139
Chlorobenzene	ND	50	47.90	51.08	96	102	6	21	60-133

QC Sample: LCS # 4 12:58 AM
Analysis Date: 05/05/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	43.71	87	59-172
MTBE	ND	50	49.22	98	62-137
Benzene	ND	50	47.68	95	62-137
Trichloroethene	ND	50	43.25	87	66-142
Toluene	ND	50	45.83	92	59-139
Chlorobenzene	ND	50	46.36	93	60-133

Method Blank = All ND

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270/625

Prep. Method : 3550B

Matrix: SOLID

Date Analyzed : 05/07/03

Date Extracted : 05/06/03

Applies to: LR 110200, 110201, 110103

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol *	ND	50	8	28	16	56	111	35	5-120
2-Chorophenol *	ND	50	3	29	6	58	163	50	20-140
1,4-Dichlorobenzene *	ND	50	1	29	2	58	187	27	10-130
n-Nitroso-di-propylamine	0.1	50	22	26	44	52	17	38	1-230
1,2,4-Trichlorobenzene *	ND	50	10	29	20	58	97	23	40-150
4-Chloro-3-methylphenol	ND	50	21	20	42	40	5	33	20-150
Acenaphthene	ND	50	28	31	56	62	10	19	40-150
4-Nitrophenol	ND	50	21	18	42	36	15	50	1-140
2,4-Dinitrotoluene	ND	50	39	36	78	72	8	47	35-145
Pentachlorophenol	ND	50	35	33	70	66	6	47	5-120
Pyrene	ND	50	49	49	98	98	0	36	45-125

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	28	56	5-120
2-Chlorophenol	50	30	60	20-140
1,4-Dichlorobenzene	50	30	60	10-130
n-Nitroso-di-n-propylamine	50	26	52	1-230
1,2,4-Trichlorobenzene	50	28	56	40-150
4-Chloro-3-methylphenol	50	20	40	20-150
Acenaphthene	50	31	62	40-150
4-Nitophenol	50	13	26	1-140
2,4-Dinitrotoluene	50	35	70	35-145
Pentachlorophenol	50	20	40	5-120
Pyrene	50	47	94	45-125

Method Blank = All ND

***MS/MSD and/or RPD are outside QC limits. LCS/MB for all analytes conformed; therefore, QC was accepted.**

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: BHATE Project: FT-31

Date Cooler Received: 5-3-03 Date Cooler Opened: 5-3-03

Was cooler scanned for presence of radioactivity ? Yes/No
If yes was radioactivity results above 25 cpm ? Yes/No

Was a shipper's packing slip attached to the cooler ? Yes/No

If the cooler had custody seal(s), were thy signed and intact ? Yes/No/Na

Was the cooler packed with: Ice 2 Ice Packs ____ Bubble wrap 2
Styrofoam ____ Paper ____ None ____ Other ____

Cooler Temperature: 0.2°c *
*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C ? Yes/No

If no explain: ____

Were all samples sealed in plastic bags ? Yes/No

Did all samples arrive intact ? If no, indicate below. Yes/No

Were all samples labeled correctly ? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers ? Yes/No

Were any VOA vials received with head space ? Yes/No/Na

Was the correct preservatives used ? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH

Any other important information: ____

Receiving Department: [signature] Date: 5-3-03

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

11020

CHAIN OF CUSTODY RECORD
Date 2MAY03 Page 2 of 2

CLIENT BHATE Environmental
ADDRESS 1641 Vandergrift rd. Bldg 1266 Holloman AFB N.M. 88330
PROJECT NAME FT-31

PROJECT MANAGER Jerry Pelfrey
PHONE NUMBER (505) 679-2011
SAMPLERS: (Signature) R. Sean Chestnut

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ~~X~~ 15C 24 Hr. ____
Regular ____ 48 Hr. X

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31SP35	FT-31	1MAY03	1532			X	2		See Attachment
FT31SP36	FT-31	1MAY03	1539			X	2		
FT31SP37	FT-31	1MAY03	1541			X	2		
FT31SP38	FT-31	1MAY03	1530			X	2		
FT31SP39	FT-31	1MAY03	1552			X	2		
FT31SP40	FT-31	1MAY03	1617			X	2		
FT31SP41	FT-31	1MAY03	1616			X	2		

Relinquished by: (Signature) 2MAY03 R. Sean Chestnut 1600HRS	Received by: (Signature) Fed-ex	Date/Time
Relinquished by: (Signature) Fed-ex	Received by Laboratory for analysis: (Signature)	Date/Time 11:15 5-3-03

Special Instructions: FAX Results to (505) 679-2148
Shipper # 8385 4432 2148

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES

NARRATIVE

Date: May 9, 2003

Narrative for Lab Request LR: 110201

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
Initial calibration criteria were met for all analytes. Initial and Continuing Calibration Check samples were run at the required frequency. All results were within required limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8270:** MS and RPD were outside limits for 2-Chlorophenol, 1,4-Dichlorobenzene, and 1,2,4-Trichlorobenzene; and RPD was outside limits for Phenol. Additionally, surrogate recoveries were outside limits in the Matrix Spike for the following: 2-Fluorophenol, Phenol-d5, and Nitrobenzene-d5. Corrective action: The LCS/LCSD and Method Blank were within control limits, and the bulk of surrogate recoveries conformed, including surrogate recoveries of the Blank and LCS. Therefore, the data was acceptable and no corrective action was necessary.

- **EPA 8015 & 8260:** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1111 10th. Street
P.O. Box 480
Alamorgordo, NM 88310

LAB REQUEST 110995
REPORTED 05/27/2003
RECEIVED 05/20/2003

PROJECT FT31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
432726	FTEX01-9
432727	FTEX01-17
432728	FTEX02-9
432729	FTEX02-17
432730	FTEX03-9
432731	FTEX03-17
432732	FTEX23-1
432733	FTEX24-1
432734	FTEX25-1
432735	FTEX26-1
432736	FTEX27-9
432737	FTEX28-9

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

CLIENT BHATE (10177)

ATTN: Jerry Pelfrey
1111 10th. Street
P.O. Box 480
Alamorgordo, NM 88310

LAB REQUEST 110995

REPORTED 05/27/2003

RECEIVED 05/20/2003

PROJECT FT31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
432738	FTEX29-17
432739	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 432726 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-9
Date Sampled: 05/19/2003
Time Sampled: 09:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/21/03	AF
C10 - C22	ND	1	3	mg/Kg	05/21/03	AF
C22 - C32	ND	1	5	mg/Kg	05/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432726 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-9
Date Sampled: 05/19/2003
Time Sampled: 09:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432726 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-9
Date Sampled: 05/19/2003
Time Sampled: 09:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	93	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	118	%	70 - 130
Surr3 - Toluene-d8	104	%	70 - 130
Surr4 - p-Bromofluorobenzene	100	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03	DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432726 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-9
Date Sampled: 05/19/2003
Time Sampled: 09:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	1900	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432726 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FTEX01-9

Date Sampled: 05/19/2003

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	73			%	17 - 122
2-Fluorobiphenyl (sur)	69			%	30 - 115
2-Fluorophenol (sur)	83			%	25 - 121
Nitrobenzene-d5 (sur)	64			%	23 - 120
Phenol-d5 (sur)	88			%	24 - 113
Terphenyl-d14 (sur)	93			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432727 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-17
Date Sampled: 05/19/2003
Time Sampled: 09:46
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/21/03	AF
C10 - C22	4.1	1	3	mg/Kg	05/21/03	AF
C22 - C32	ND	1	5	mg/Kg	05/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432727 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-17
Date Sampled: 05/19/2003
Time Sampled: 09:46
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432727 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-17
Date Sampled: 05/19/2003
Time Sampled: 09:46
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	95	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	114	%	70 - 130
Surr3 - Toluene-d8	98	%	70 - 130
Surr4 - p-Bromofluorobenzene	101	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432727 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-17
Date Sampled: 05/19/2003
Time Sampled: 09:46
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	1950	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432727 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX01-17
Date Sampled: 05/19/2003
Time Sampled: 09:46
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	44	%	17 - 122
2-Fluorobiphenyl (sur)	42	%	30 - 115
2-Fluorophenol (sur)	51	%	25 - 121
Nitrobenzene-d5 (sur)	38	%	23 - 120
Phenol-d5 (sur)	52	%	24 - 113
Terphenyl-d14 (sur)	61	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432728
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 09:04
Sampled By:

Client: BHATE
Client Sample ID: FTEX02-9

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432728 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX02-9
Date Sampled: 05/19/2003
Time Sampled: 09:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432728 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX02-9
Date Sampled: 05/19/2003
Time Sampled: 09:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	115	%	70 - 130
Surr3 - Toluene-d8	101	%	70 - 130
Surr4 - p-Bromofluorobenzene	101	%	70 - 130

8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432728 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX02-9
Date Sampled: 05/19/2003
Time Sampled: 09:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432728
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 09:04
Sampled By:

Client: BHATE
Client Sample ID: FTEX02-9

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	70	%	17 - 122
2-Fluorobiphenyl (sur)	73	%	30 - 115
2-Fluorophenol (sur)	83	%	25 - 121
Nitrobenzene-d5 (sur)	63	%	23 - 120
Phenol-d5 (sur)	84	%	24 - 113
Terphenyl-d14 (sur)	81	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432729 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX02-17
Date Sampled: 05/19/2003
Time Sampled: 09:36
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	5.1	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432729
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 09:36
Sampled By:

Client: BHATE
Client Sample ID: FTEX02-17

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432729 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX02-17
Date Sampled: 05/19/2003
Time Sampled: 09:36
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	99			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	133			%	70 - 130
Surr3 - Toluene-d8	102			%	70 - 130
Surr4 - p-Bromofluorobenzene	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432729 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX02-17
Date Sampled: 05/19/2003
Time Sampled: 09:36
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	1770	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432729
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 09:36
Sampled By:

Client: BHATE
Client Sample ID: FTEX02-17

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	50	%	17 - 122
2-Fluorobiphenyl (sur)	49	%	30 - 115
2-Fluorophenol (sur)	56	%	25 - 121
Nitrobenzene-d5 (sur)	43	%	23 - 120
Phenol-d5 (sur)	60	%	24 - 113
Terphenyl-d14 (sur)	69	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432730 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX03-9
Date Sampled: 05/19/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432730 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FTEX03-9

Date Sampled: 05/19/2003

Time Sampled: 09:09

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432730 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX03-9
Date Sampled: 05/19/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	95	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	122	%	70 - 130
Surr3 - Toluene-d8	101	%	70 - 130
Surr4 - p-Bromofluorobenzene	102	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432730 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX03-9
Date Sampled: 05/19/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	3990	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432730
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 09:09
Sampled By:

Client: BHATE
Client Sample ID: FTEX03-9

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	54	%	17 - 122
2-Fluorobiphenyl (sur)	50	%	30 - 115
2-Fluorophenol (sur)	57	%	25 - 121
Nitrobenzene-d5 (sur)	43	%	23 - 120
Phenol-d5 (sur)	61	%	24 - 113
Terphenyl-d14 (sur)	72	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432731
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 09:43
Sampled By:

Client: BHATE
Client Sample ID: FTEX03-17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432731 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FTEX03-17

Date Sampled: 05/19/2003

Time Sampled: 09:43

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	05/21/03	AM
Acrolein	ND	1	200	ug/Kg	05/21/03	AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03	AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03	AM
Benzene	ND	1	5	ug/Kg	05/21/03	AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03	AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03	AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03	AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03	AM
Bromoform	ND	1	5	ug/Kg	05/21/03	AM
Bromomethane	ND	1	5	ug/Kg	05/21/03	AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03	AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03	AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
Chloroethane	ND	1	5	ug/Kg	05/21/03	AM
Chloroform	ND	1	5	ug/Kg	05/21/03	AM
Chloromethane	ND	1	5	ug/Kg	05/21/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03	AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03	AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03	AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03	AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03	AM
Iodomethane	ND	1	5	ug/Kg	05/21/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03	AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03	AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03	AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03	AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Naphthalene	ND	1	5	ug/Kg	05/21/03	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03	AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03	AM
Propionitrile	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432731 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX03-17
Date Sampled: 05/19/2003
Time Sampled: 09:43
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	97	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	132	%	70 - 130
Surr3 - Toluene-d8	100	%	70 - 130
Surr4 - p-Bromofluorobenzene	99	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432731 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX03-17
Date Sampled: 05/19/2003
Time Sampled: 09:43
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432731
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 09:43
Sampled By:

Client: BHATE
Client Sample ID: FTEX03-17

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	71	%	17 - 122
2-Fluorobiphenyl (sur)	65	%	30 - 115
2-Fluorophenol (sur)	74	%	25 - 121
Nitrobenzene-d5 (sur)	57	%	23 - 120
Phenol-d5 (sur)	77	%	24 - 113
Terphenyl-d14 (sur)	80	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432732
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:15
Sampled By:

Client: BHATE
Client Sample ID: FTEX23-1

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432732
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:15
Sampled By:

Client: BHATE
Client Sample ID: FTEX23-1

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432732 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX23-1
Date Sampled: 05/19/2003
Time Sampled: 08:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	94	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	130	%	70 - 130
Surr3 - Toluene-d8	104	%	70 - 130
Surr4 - p-Bromofluorobenzene	100	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432732 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FTEX23-1

Date Sampled: 05/19/2003

Time Sampled: 08:15

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	316 J	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432732 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX23-1
Date Sampled: 05/19/2003
Time Sampled: 08:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	71	%	17 - 122
2-Fluorobiphenyl (sur)	61	%	30 - 115
2-Fluorophenol (sur)	67	%	25 - 121
Nitrobenzene-d5 (sur)	52	%	23 - 120
Phenol-d5 (sur)	69	%	24 - 113
Terphenyl-d14 (sur)	78	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432733 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX24-1
Date Sampled: 05/19/2003
Time Sampled: 08:19
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432733 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FTEX24-1

Date Sampled: 05/19/2003

Time Sampled: 08:19

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432733 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX24-1
Date Sampled: 05/19/2003
Time Sampled: 08:19
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	100	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	151	%	70 - 130
Surr3 - Toluene-d8	100	%	70 - 130
Surr4 - p-Bromofluorobenzene	104	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432733 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX24-1
Date Sampled: 05/19/2003
Time Sampled: 08:19
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	806	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432733
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:19
Sampled By:

Client: BHATE
Client Sample ID: FTEX24-1

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	61	%	17 - 122
2-Fluorobiphenyl (sur)	55	%	30 - 115
2-Fluorophenol (sur)	70	%	25 - 121
Nitrobenzene-d5 (sur)	50	%	23 - 120
Phenol-d5 (sur)	70	%	24 - 113
Terphenyl-d14 (sur)	85	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432734 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX25-1
Date Sampled: 05/19/2003
Time Sampled: 08:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432734 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX25-1
Date Sampled: 05/19/2003
Time Sampled: 08:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432734 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FTEX25-1

Date Sampled: 05/19/2003

Time Sampled: 08:28

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Styrene	ND	1	5	ug/Kg	05/21/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03	AM
Toluene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03	AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03	AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03	AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03	AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	97	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	142	%	70 - 130
Surr3 - Toluene-d8	100	%	70 - 130
Surr4 - p-Bromofluorobenzene	101	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03	DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432734 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX25-1
Date Sampled: 05/19/2003
Time Sampled: 08:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432734
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:28
Sampled By:

Client: BHATE
Client Sample ID: FTEX25-1

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	45	%	17 - 122
2-Fluorobiphenyl (sur)	41	%	30 - 115
2-Fluorophenol (sur)	48	%	25 - 121
Nitrobenzene-d5 (sur)	36	%	23 - 120
Phenol-d5 (sur)	50	%	24 - 113
Terphenyl-d14 (sur)	68	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432735
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:34
Sampled By:

Client: BHATE
Client Sample ID: FTEX26-1

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432735 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX26-1
Date Sampled: 05/19/2003
Time Sampled: 08:34
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432735 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX26-1
Date Sampled: 05/19/2003
Time Sampled: 08:34
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Styrene	ND	1	5	ug/Kg	05/21/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03	AM
Toluene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03	AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03	AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03	AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03	AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	99	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	145	%	70 - 130
Surr3 - Toluene-d8	98	%	70 - 130
Surr4 - p-Bromofluorobenzene	100	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03	DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432735 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX26-1
Date Sampled: 05/19/2003
Time Sampled: 08:34
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432735 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX26-1
Date Sampled: 05/19/2003
Time Sampled: 08:34
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	63			%	17 - 122
2-Fluorobiphenyl (sur)	58			%	30 - 115
2-Fluorophenol (sur)	76			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	75			%	24 - 113
Terphenyl-d14 (sur)	87			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432736
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:39
Sampled By:

Client: BHATE
Client Sample ID: FTEX27-9

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432736
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:39
Sampled By:

Client: BHATE
Client Sample ID: FTEX27-9

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432736 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX27-9
Date Sampled: 05/19/2003
Time Sampled: 08:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	98	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	139	%	70 - 130
Surr3 - Toluene-d8	97	%	70 - 130
Surr4 - p-Bromofluorobenzene	100	%	70 - 130

8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/24/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/24/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/24/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/24/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/24/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/24/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/24/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/24/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/24/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/24/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/24/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/24/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/24/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/24/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432736 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX27-9
Date Sampled: 05/19/2003
Time Sampled: 08:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/24/03	DP
Anthracene	ND	1	333	ug/Kg	05/24/03	DP
Benzidine	ND	1	333	ug/Kg	05/24/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Chrysene	ND	1	333	ug/Kg	05/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Fluorene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432736 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX27-9
Date Sampled: 05/19/2003
Time Sampled: 08:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/24/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/24/03 DP
Isophorone	ND	1	333	ug/Kg	05/24/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/24/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/24/03 DP
Naphthalene	ND	1	333	ug/Kg	05/24/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/24/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/24/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/24/03 DP
Phenol	ND	1	333	ug/Kg	05/24/03 DP
Pyrene	ND	1	333	ug/Kg	05/24/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	60	%	17 - 122
2-Fluorobiphenyl (sur)	48	%	30 - 115
2-Fluorophenol (sur)	58	%	25 - 121
Nitrobenzene-d5 (sur)	44	%	23 - 120
Phenol-d5 (sur)	61	%	24 - 113
Terphenyl-d14 (sur)	80	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432737
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:44
Sampled By:

Client: BHATE
Client Sample ID: FTEX28-9

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432737 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX28-9
Date Sampled: 05/19/2003
Time Sampled: 08:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432737 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX28-9
Date Sampled: 05/19/2003
Time Sampled: 08:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Styrene	ND	1	5	ug/Kg	05/21/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03	AM
Toluene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03	AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03	AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03	AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03	AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	110	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	179	%	70 - 130
Surr3 - Toluene-d8	95	%	70 - 130
Surr4 - p-Bromofluorobenzene	100	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/24/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/24/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/24/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/24/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/24/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/24/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/24/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/24/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/24/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	05/24/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/24/03	DP
2-Methylphenol	ND	1	333	ug/Kg	05/24/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/24/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	05/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432737 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX28-9
Date Sampled: 05/19/2003
Time Sampled: 08:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/24/03	DP
Anthracene	ND	1	333	ug/Kg	05/24/03	DP
Benzidine	ND	1	333	ug/Kg	05/24/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Chrysene	ND	1	333	ug/Kg	05/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Fluorene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432737
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:44
Sampled By:

Client: BHATE
Client Sample ID: FTEX28-9

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/24/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/24/03 DP
Isophorone	ND	1	333	ug/Kg	05/24/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/24/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/24/03 DP
Naphthalene	ND	1	333	ug/Kg	05/24/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/24/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/24/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/24/03 DP
Phenol	ND	1	333	ug/Kg	05/24/03 DP
Pyrene	ND	1	333	ug/Kg	05/24/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	52	%	17 - 122
2-Fluorobiphenyl (sur)	49	%	30 - 115
2-Fluorophenol (sur)	56	%	25 - 121
Nitrobenzene-d5 (sur)	42	%	23 - 120
Phenol-d5 (sur)	59	%	24 - 113
Terphenyl-d14 (sur)	77	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432738
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:47
Sampled By:

Client: BHATE
Client Sample ID: FTEX29-17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	3.2	1	3	mg/Kg	05/22/03	AF
C10 - C22	ND	1	3	mg/Kg	05/22/03	AF
C22 - C32	ND	1	5	mg/Kg	05/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432738
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:47
Sampled By:

Client: BHATE
Client Sample ID: FTEX29-17

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432738
Matrix: SOLID
Date Sampled: 05/19/2003
Time Sampled: 08:47
Sampled By:

Client: BHATE
Client Sample ID: FTEX29-17

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Styrene	ND	1	5	ug/Kg	05/21/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03 AM
Toluene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03 AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	104	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	162	%	70 - 130
Surr3 - Toluene-d8	96	%	70 - 130
Surr4 - p-Bromofluorobenzene	103	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/24/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/24/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/24/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/24/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/24/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/24/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/24/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/24/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/24/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/24/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	05/24/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/24/03 DP
2-Methylphenol	ND	1	333	ug/Kg	05/24/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/24/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	05/24/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432738 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX29-17
Date Sampled: 05/19/2003
Time Sampled: 08:47
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/24/03	DP
Anthracene	ND	1	333	ug/Kg	05/24/03	DP
Benzidine	ND	1	333	ug/Kg	05/24/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Chrysene	ND	1	333	ug/Kg	05/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/24/03	DP
Fluorene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/24/03	DP

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Order #: 432738 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FTEX29-17
Date Sampled: 05/19/2003
Time Sampled: 08:47
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/24/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/24/03 DP
Isophorone	ND	1	333	ug/Kg	05/24/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/24/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/24/03 DP
Naphthalene	ND	1	333	ug/Kg	05/24/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/24/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/24/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/24/03 DP
Phenol	ND	1	333	ug/Kg	05/24/03 DP
Pyrene	ND	1	333	ug/Kg	05/24/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	57			%	17 - 122
2-Fluorobiphenyl (sur)	49			%	30 - 115
2-Fluorophenol (sur)	49			%	25 - 121
Nitrobenzene-d5 (sur)	43			%	23 - 120
Phenol-d5 (sur)	60			%	24 - 113
Terphenyl-d14 (sur)	71			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432739 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	05/21/03	AF
C10 - C22	ND	1	3	mg/Kg	05/21/03	AF
C22 - C32	ND	1	5	mg/Kg	05/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	05/21/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	05/21/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	05/21/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	05/21/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	05/21/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	05/21/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	05/21/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
2-Hexanone	ND	1	5	ug/Kg	05/21/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	05/21/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	05/21/03	AM
Acetone	ND	1	5	ug/Kg	05/21/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432739 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	05/21/03 AM
Acrolein	ND	1	200	ug/Kg	05/21/03 AM
Acrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Allyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Benzene	ND	1	5	ug/Kg	05/21/03 AM
Benzyl chloride	ND	1	5	ug/Kg	05/21/03 AM
Bromobenzene	ND	1	5	ug/Kg	05/21/03 AM
Bromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	05/21/03 AM
Bromoform	ND	1	5	ug/Kg	05/21/03 AM
Bromomethane	ND	1	5	ug/Kg	05/21/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	05/21/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	05/21/03 AM
Chlorobenzene	ND	1	5	ug/Kg	05/21/03 AM
Chloroethane	ND	1	5	ug/Kg	05/21/03 AM
Chloroform	ND	1	5	ug/Kg	05/21/03 AM
Chloromethane	ND	1	5	ug/Kg	05/21/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	05/21/03 AM
Dibromomethane	ND	1	5	ug/Kg	05/21/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	05/21/03 AM
Ethyl benzene	ND	1	5	ug/Kg	05/21/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	05/21/03 AM
Iodomethane	ND	1	5	ug/Kg	05/21/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	05/21/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	05/21/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	05/21/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	05/21/03 AM
Methylene chloride	ND	1	5	ug/Kg	05/21/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	05/21/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	05/21/03 AM
Naphthalene	ND	1	5	ug/Kg	05/21/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	05/21/03 AM
Pentachloroethane	ND	1	5	ug/Kg	05/21/03 AM
Propionitrile	ND	1	5	ug/Kg	05/21/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432739 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Styrene	ND	1	5	ug/Kg	05/21/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	05/21/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	05/21/03	AM
Toluene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	05/21/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	05/21/03	AM
Trichloroethene	ND	1	5	ug/Kg	05/21/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	05/21/03	AM
Vinyl acetate	ND	1	50	ug/Kg	05/21/03	AM
Vinyl chloride	ND	1	5	ug/Kg	05/21/03	AM
Xylenes, total	ND	1	5	ug/Kg	05/21/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	112	%	70 - 130
Surr3 - Toluene-d8	105	%	70 - 130
Surr4 - p-Bromofluorobenzene	103	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	05/23/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	05/23/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	05/23/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	05/23/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	05/23/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	05/23/03	DP
2-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432739
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: BHATE
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	05/23/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	05/23/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	05/23/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	05/23/03	DP
4-Methylphenol	ND	1	333	ug/Kg	05/23/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	05/23/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	05/23/03	DP
Acenaphthene	ND	1	333	ug/Kg	05/23/03	DP
Acenaphthylene	ND	1	333	ug/Kg	05/23/03	DP
Anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzidine	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	05/23/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Benzoic Acid	ND	1	333	ug/Kg	05/23/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	05/23/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	05/23/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Chrysene	ND	1	333	ug/Kg	05/23/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	05/23/03	DP
Dibenzofuran	ND	1	333	ug/Kg	05/23/03	DP
Diethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	05/23/03	DP
Fluoranthene	ND	1	333	ug/Kg	05/23/03	DP
Fluorene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	05/23/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	05/23/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 432739 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	05/23/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	05/23/03 DP
Isophorone	ND	1	333	ug/Kg	05/23/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	05/23/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	05/23/03 DP
Naphthalene	ND	1	333	ug/Kg	05/23/03 DP
Nitrobenzene	ND	1	333	ug/Kg	05/23/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	05/23/03 DP
Phenanthrene	ND	1	333	ug/Kg	05/23/03 DP
Phenol	ND	1	333	ug/Kg	05/23/03 DP
Pyrene	ND	1	333	ug/Kg	05/23/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	81			%	17 - 122
2-Fluorobiphenyl (sur)	89			%	30 - 115
2-Fluorophenol (sur)	118			%	25 - 121
Nitrobenzene-d5 (sur)	82			%	23 - 120
Phenol-d5 (sur)	113			%	24 - 113
Terphenyl-d14 (sur)	97			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270/625

Prep. Method : 3550B

QC Sample: 110995-726, MS/MSD

Matrix: SOLID

Date Analyzed : 05/23/03

Date Extracted : 05/21/03

Applies to: LR 110995, 110840, 110994

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	ND	50	30	27	60	54	11	35	5-120
2-Chorophenol	ND	50	29	26	58	52	11	50	20-140
1,4-Dichlorobenzene	ND	50	28	26	56	52	7	27	10-130
n-Nitroso-di-propylamine	0.1	50	35	27	70	54	26	38	1-230
1,2,4-Trichlorobenzene	ND	50	24	23	48	46	4	23	40-150
4-Chloro-3-methylphenol	ND	50	28	26	56	52	7	33	20-150
Acenaphthene	ND	50	29	27	58	54	7	19	40-150
4-Nitrophenol	ND	50	24	24	48	48	0	50	1-140
2,4-Dinitrotoluene	ND	50	31	30	62	60	3	47	35-145
Pentachlorophenol	ND	50	30	27	60	54	11	47	5-120
Pyrene	ND	50	32	31	64	62	3	36	45-125

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	31	62	5-120
2-Chlorophenol	50	30	60	20-140
1,4-Dichlorobenzene	50	30	60	10-130
n-Nitroso-di-n-propylamine	50	34	68	1-230
1,2,4-Trichlorobenzene	50	27	54	40-150
4-Chloro-3-methylphenol	50	31	62	20-150
Acenaphthene	50	32	64	40-150
4-Nitophenol	50	26	52	1-140
2,4-Dinitrotoluene	50	32	64	35-145
Pentachlorophenol	50	20	40	5-120
Pyrene	50	33	66	45-125

Method Blank = All ND

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Extraction Method : 3545

Prep. Date: 05/21/03

Analysis Date: 05/21/03

ID#'s in Batch: LR 110995, 111018, 111021

Reporting Units = mg/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	Method	LCS	ND	26	25	104	80%	120%
DIESEL	8015D	LCSD	ND	23	25	92	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-200
Method Blank	107
LCS	147
LCSD	139

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Prep. Method : 5035

Analysis Date: 05/20/03 2:50 PM

Applies to: LR 110937, 110995

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	48.66	53.31	97	107	9	22	59-172
MTBE	ND	50	46.76	47.59	94	95	2	24	62-137
Benzene	ND	50	49.07	51.65	98	103	5	24	62-137
Trichloroethene	ND	50	48.24	51.16	96	102	6	21	66-142
Toluene	ND	50	48.27	50.04	97	100	4	21	59-139
Chlorobenzene	ND	50	48.24	50.89	96	102	5	21	60-133

QC Sample: LCS # 1 12:13 AM
Analysis Date: 05/21/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	49.23	98	59-172
MTBE	ND	50	50.87	102	62-137
Benzene	ND	50	52.22	104	62-137
Trichloroethene	ND	50	49.95	100	66-142
Toluene	ND	50	50.74	101	59-139
Chlorobenzene	ND	50	51.46	103	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB 1	MB 2	LCS	LCSD
Dibromofluoromethane	102	94	92	104	101
1,2-Dichloroethane-d4	98	119	112	102	93
Toluene-d8	99	102	105	98	100
p-Bromofluorobenzene	98	105	103	99	99

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Prep. Method : 5035

Analysis Date: 05/21/03 2:39 PM

Applies to: LR 110963, 111021, 110995

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	51.83	48.75	104	98	6	22	59-172
MTBE	ND	50	51.99	47.26	104	95	10	24	62-137
Benzene	ND	50	53.58	49.91	107	100	7	24	62-137
Trichloroethene	ND	50	51.68	49.76	103	100	4	21	66-142
Toluene	ND	50	51.38	48.94	103	98	5	21	59-139
Chlorobenzene	ND	50	51.80	49.79	104	100	4	21	60-133

QC Sample: LCS # 2 10:17 AM
Analysis Date: 05/22/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	45.47	91	59-172
MTBE	ND	50	44.41	89	62-137
Benzene	ND	50	47.44	95	62-137
Trichloroethene	ND	50	46.17	92	66-142
Toluene	ND	50	45.80	92	59-139
Chlorobenzene	ND	50	46.23	92	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 2	MB 1	MB 2	LCS	LCSD
Dibromofluoromethane	101	95	95	102	99
1,2-Dichloroethane-d4	97	128	130	96	95
Toluene-d8	98	101	101	97	98
p-Bromofluorobenzene	101	101	102	101	96

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: B Hale Project: _____

Date Cooler Received: 5/20/03 Date Cooler Opened: 5/20/03

Was cooler scanned for presence of radioactivity ? (Yes)/No
If yes was radioactivity results above 25 cpm ? Yes/(No)

Was a shipper's packing slip attached to the cooler ? Yes/(No)

If the cooler had custody seal(s), were they signed and intact ? Yes/No/(Na)

Was the cooler packed with: Ice X Ice Packs _____ Bubble wrap _____
Styrofoam _____ Paper _____ None _____ Other _____

Cooler Temperature: 2.0° *
*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C ? Yes/No

If no explain: _____

Were all samples sealed in plastic bags ? (Yes)/No

Did all samples arrive intact ? If no, indicate below. (Yes)/No

Were all samples labeled correctly ? (ID's Dates, Times) If no, indicate below. (Yes)/No

Can the tests required be ran with the provided containers, If no indicate below. (Yes)/No

Was sufficient sample volume sent for all containers ? (Yes)/No

Were any VOA vials received with head space ? Yes/No/(Na)

Was the correct preservatives used ? Yes/No/(Na)
If no, see the pH log for a list of samples containers regarding pH

Any other important information: _____

Ryan Lenick 5/20/03
Receiving Department: Date:

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

110995

CHAIN OF CUSTODY RECORD

Date 19 May 03 Page 1 of 1

CLIENT BHATE
ADDRESS 1641 VANDERGRIFT RD BLD 1266
HOLLOMAN A.F.B NM 88330
PROJECT NAME FT31

PROJECT MANAGER JERRY PELEREY
PHONE NUMBER (505) 679-2011
SAMPLERS: (Signature) Ralf Jones

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ____ 24 Hr. ____
Regular ____ 48 Hr. ✓

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX01-9	FT31	19May03	0900			✓	3		SEE ATTACHMENT
FT31EX01-17			0946			✓	3		
FT31EX02-9			0904			✓	3		
FT31EX02-17			0936			✓	3		
FT31EX03-9			0909			✓	3		
FT31EX03-17			0943			✓	3		
FT31EX23-1			0815			✓	3		
FT31EX24-1			0819			✓	3		
FT31EX25-1			0828			✓	3		
FT31EX26-1			0834			✓	3		
FT31EX27-9			0839			✓	3		
FT31EX28-9			0844			✓	3		
FT31EX29-17			0847			✓	3		

Relinquished by: (Signature) 19May03 1600hrs Ralf Jones
Received by: (Signature) Ryan Lewis
Date/Time 11:15 5/20/03

Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time

I hereby authorize the performance of the above indicated work. Ralf Jones

Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX SHIPPER # 838544322207

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900
FAX 714/538-1209

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1110 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 112273
REPORTED 06/25/2003
RECEIVED 06/17/2003

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
439094	FT31EX13-01N
439095	FT31EX14-01N
439096	FT31EX15-01N
439097	FT31EX16-01N
439098	FT31EX17-01N
439099	FT31EX18-01N
439100	FT31EX19-01N
439101	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 439094
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:36
Sampled By:

Client: BHATE
Client Sample ID: FT31EX13-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439094
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:36
Sampled By:

Client: BHATE
Client Sample ID: FT31EX13-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439094 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX13-01N
Date Sampled: 06/16/2003
Time Sampled: 09:36
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	119	%	70 - 130
Surr3 - Toluene-d8	102	%	70 - 130
Surr4 - p-Bromofluorobenzene	100	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439094 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX13-01N
Date Sampled: 06/16/2003
Time Sampled: 09:36
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	864	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439094 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX13-01N
Date Sampled: 06/16/2003
Time Sampled: 09:36
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	31	%	17 - 122
2-Fluorobiphenyl (sur)	40	%	30 - 115
2-Fluorophenol (sur)	50	%	25 - 121
Nitrobenzene-d5 (sur)	43	%	23 - 120
Phenol-d5 (sur)	53	%	24 - 113
Terphenyl-d14 (sur)	76	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439095
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:39
Sampled By:

Client: BHATE
Client Sample ID: FT31EX14-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439095 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX14-01N
Date Sampled: 06/16/2003
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439095 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX14-01N
Date Sampled: 06/16/2003
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	93			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	134			%	70 - 130
Surr3 - Toluene-d8	102			%	70 - 130
Surr4 - p-Bromofluorobenzene	94			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439095 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX14-01N
Date Sampled: 06/16/2003
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439095
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:39
Sampled By:

Client: BHATE
Client Sample ID: FT31EX14-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	33	%	17 - 122
2-Fluorobiphenyl (sur)	51	%	30 - 115
2-Fluorophenol (sur)	66	%	25 - 121
Nitrobenzene-d5 (sur)	54	%	23 - 120
Phenol-d5 (sur)	69	%	24 - 113
Terphenyl-d14 (sur)	63	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439096
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:45
Sampled By:

Client: BHATE
Client Sample ID: FT31EX15-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439096 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX15-01N
Date Sampled: 06/16/2003
Time Sampled: 09:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439096 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX15-01N
Date Sampled: 06/16/2003
Time Sampled: 09:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	123	%	70 - 130
Surr3 - Toluene-d8	102	%	70 - 130
Surr4 - p-Bromofluorobenzene	97	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439096
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:45
Sampled By:

Client: BHATE
Client Sample ID: FT31EX15-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

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Order #: 439096
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:45
Sampled By:

Client: BHATE
Client Sample ID: FT31EX15-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	35	%	17 - 122
2-Fluorobiphenyl (sur)	53	%	30 - 115
2-Fluorophenol (sur)	74	%	25 - 121
Nitrobenzene-d5 (sur)	56	%	23 - 120
Phenol-d5 (sur)	75	%	24 - 113
Terphenyl-d14 (sur)	56	%	18 - 137

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Order #: 439097
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:53
Sampled By:

Client: BHATE
Client Sample ID: FT31EX16-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

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Order #: 439097 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX16-01N

Date Sampled: 06/16/2003

Time Sampled: 09:53

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439097 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX16-01N
Date Sampled: 06/16/2003
Time Sampled: 09:53
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	91	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	125	%	70 - 130
Surr3 - Toluene-d8	102	%	70 - 130
Surr4 - p-Bromofluorobenzene	96	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439097 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX16-01N
Date Sampled: 06/16/2003
Time Sampled: 09:53
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439097 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX16-01N
Date Sampled: 06/16/2003
Time Sampled: 09:53
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	24	%	17 - 122
2-Fluorobiphenyl (sur)	41	%	30 - 115
2-Fluorophenol (sur)	56	%	25 - 121
Nitrobenzene-d5 (sur)	43	%	23 - 120
Phenol-d5 (sur)	57	%	24 - 113
Terphenyl-d14 (sur)	80	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439098 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX17-01N
Date Sampled: 06/16/2003
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439098
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 10:00
Sampled By:

Client: BHATE
Client Sample ID: FT31EX17-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439098 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX17-01N
Date Sampled: 06/16/2003
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03	AM
Styrene	ND	1	5	ug/Kg	06/18/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03	AM
Toluene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	93	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	123	%	70 - 130
Surr3 - Toluene-d8	98	%	70 - 130
Surr4 - p-Bromofluorobenzene	97	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439098 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX17-01N
Date Sampled: 06/16/2003
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439098 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX17-01N
Date Sampled: 06/16/2003
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	30			%	17 - 122
2-Fluorobiphenyl (sur)	42			%	30 - 115
2-Fluorophenol (sur)	56			%	25 - 121
Nitrobenzene-d5 (sur)	41			%	23 - 120
Phenol-d5 (sur)	59			%	24 - 113
Terphenyl-d14 (sur)	83			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439099
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 10:10
Sampled By:

Client: BHATE
Client Sample ID: FT31EX18-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439099 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX18-01N
Date Sampled: 06/16/2003
Time Sampled: 10:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439099 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX18-01N
Date Sampled: 06/16/2003
Time Sampled: 10:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03	AM
Styrene	ND	1	5	ug/Kg	06/18/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03	AM
Toluene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	123	%	70 - 130
Surr3 - Toluene-d8	100	%	70 - 130
Surr4 - p-Bromofluorobenzene	95	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439099
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 10:10
Sampled By:

Client: BHATE
Client Sample ID: FT31EX18-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439099 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX18-01N
Date Sampled: 06/16/2003
Time Sampled: 10:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	31	%	17 - 122
2-Fluorobiphenyl (sur)	49	%	30 - 115
2-Fluorophenol (sur)	64	%	25 - 121
Nitrobenzene-d5 (sur)	52	%	23 - 120
Phenol-d5 (sur)	71	%	24 - 113
Terphenyl-d14 (sur)	79	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439100
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 10:21
Sampled By:

Client: BHATE
Client Sample ID: FT31EX19-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439100
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 10:21
Sampled By:

Client: BHATE
Client Sample ID: FT31EX19-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439100 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX19-01N
Date Sampled: 06/16/2003
Time Sampled: 10:21
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	120	%	70 - 130
Surr3 - Toluene-d8	101	%	70 - 130
Surr4 - p-Bromofluorobenzene	95	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439100 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX19-01N

Date Sampled: 06/16/2003

Time Sampled: 10:21

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439100
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 10:21
Sampled By:

Client: BHATE
Client Sample ID: FT31EX19-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	30	%	17 - 122
2-Fluorobiphenyl (sur)	47	%	30 - 115
2-Fluorophenol (sur)	63	%	25 - 121
Nitrobenzene-d5 (sur)	51	%	23 - 120
Phenol-d5 (sur)	68	%	24 - 113
Terphenyl-d14 (sur)	78	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439101
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: BHATE
Client Sample ID: Laboratory Method Blank

8015 Carbon Chain I

Analyte	Result	DF	DLR	Units	Date/Analyst	
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439101
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: BHATE
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439101 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	89	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	120	%	70 - 130
Surr3 - Toluene-d8	103	%	70 - 130
Surr4 - p-Bromofluorobenzene	98	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/24/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/24/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/24/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/24/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/24/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/24/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/24/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/24/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/24/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/24/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439101
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: BHATE
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/24/03	DP
Anthracene	ND	1	333	ug/Kg	06/24/03	DP
Benzidine	ND	1	333	ug/Kg	06/24/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Chrysene	ND	1	333	ug/Kg	06/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Fluorene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439101 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/24/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/24/03 DP
Isophorone	ND	1	333	ug/Kg	06/24/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/24/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/24/03 DP
Naphthalene	ND	1	333	ug/Kg	06/24/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/24/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/24/03 DP
Phenol	ND	1	333	ug/Kg	06/24/03 DP
Pyrene	ND	1	333	ug/Kg	06/24/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	43	%	17 - 122
2-Fluorobiphenyl (sur)	56	%	30 - 115
2-Fluorophenol (sur)	71	%	25 - 121
Nitrobenzene-d5 (sur)	59	%	23 - 120
Phenol-d5 (sur)	74	%	24 - 113
Terphenyl-d14 (sur)	82	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Extraction Method : 3545

~~Prep. Date:~~ ~~06/18/03~~

Analysis Date: 06/20/03

ID#'s in Batch: LR 112273, 112274

Reporting Units = mg/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	Method	LCS	ND	20.3	25	81	80%	120%
DIESEL	8015D	LCSD	ND	20.4	25	82	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-200
Method Blank	99
LCS	126
LCSD	136

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Prep. Method : 5035 7:56 AM

Analysis Date: 06/19/03

Applies to: LR 112273

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	46.49	49.09	93	98	5	22	59-172
MTBE	ND	50	47.14	45.86	94	92	3	24	62-137
Benzene	ND	50	47.76	48.43	96	97	1	24	62-137
Trichloroethene	ND	50	46.02	49.36	92	99	7	21	66-142
Toluene	ND	50	46.20	47.97	92	96	4	21	59-139
Chlorobenzene	ND	50	46.95	46.60	94	93	1	21	60-133

QC Sample: LCS # 1 1:09 PM
Analysis Date: 06/18/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	44.33	89	59-172
MTBE	ND	50	49.28	99	62-137
Benzene	ND	50	45.64	91	62-137
Trichloroethene	ND	50	44.64	89	66-142
Toluene	ND	50	46.04	92	59-139
Chlorobenzene	ND	50	47.95	96	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB 1	MB 2	LCS	LCSD
Dibromofluoromethane	97	89	91	96	94
1,2-Dichloroethane-d4	92	120	119	87	84
Toluene-d8	98	103	101	98	99
p-Bromofluorobenzene	91	98	96	91	92

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270/625

Prep. Method : 3550B

QC Sample: 112274-111, MS/MSD

Matrix: SOLID

Date Analyzed : 06/24/03

Date Extracted : 06/18/03

Applies to: LR 112273, 112274

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.1	50	29	27	58	54	7	35	26-125
2-Chorophenol	ND	50	29	28	58	56	4	50	25-125
1,4-Dichlorobenzene	ND	50	29	27	58	54	7	27	28-104
n-Nitroso-di-propylamine	ND	50	37	32	74	64	14	38	41-126
1,2,4-Trichlorobenzene	ND	50	24	23	48	46	4	23	38-107
4-Chloro-3-methylphenol	ND	50	25	21	50	42	17	33	26-103
Acenaphthene	ND	50	27	23	54	46	16	19	31-137
4-Nitrophenol	ND	50	23	21	46	42	9	50	11-114
2,4-Dinitrotoluene	ND	50	29	26	58	52	11	47	28-89
Pentachlorophenol	ND	50	26	29	52	58	11	47	17-109
Pyrene	ND	50	32	35	64	70	9	36	35-142

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	23	46	26-125
2-Chlorophenol	50	23	46	25-125
1,4-Dichlorobenzene	50	23	46	28-104
n-Nitroso-di-n-propylamine	50	24	48	41-126
1,2,4-Trichlorobenzene	50	19	38	38-107
4-Chloro-3-methylphenol	50	18	36	26-103
Acenaphthene	50	20	40	31-137
4-Nitophenol	50	17	34	11-114
2,4-Dinitrotoluene	50	26	52	28-89
Pentachlorophenol	50	13	26	17-109
Pyrene	50	32	64	35-142

Method Blank = All ND

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: B. Hale Project: _____

Date Cooler Received: 6/17/03 Date Cooler Opened: 6/17/03

Was cooler scanned for presence of radioactivity ? Yes/No
If yes was radioactivity results above 25 cpm ? Yes/No

Was a shipper's packing slip attached to the cooler ? Yes/No

If the cooler had ~~custody seal(s), were tiy signed~~ and intact ? Yes/No/Na

Was the cooler packed with: Ice X Ice Packs _____ Bubble wrap _____
Styrofoam _____ Paper _____ None _____ Other _____

Cooler Temperature: 1.0 °
*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C ? Yes/No

If no explain: _____

Were all samples sealed in plastic bags ? Yes/No

Did all samples arrive intact ? If no, indicate below. Yes/No

Were all samples labeled correctly ? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers ? Yes/No

Were any VOA vials received with head space ? Yes/No/Na RL

Was the correct preservatives used ? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH

Any other important information: _____

Receiving Department: _____ Date: 6/17/03

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

112273

CHAIN OF CUSTODY RECORD

Date 6-16-03 Page 1 of 1

CLIENT RHATE

ADDRESS 1641 Vandergrift Rd. Bldg 1266
Holloman AFB NM 88330

PROJECT NAME FT-31

PROJECT MANAGER Jerry Pelfrey

PHONE NUMBER (505) 679-2011

SAMPLERS: (Signature) Kevin D. Yeamans

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled X Frozen ____
Same Day X 24 Hr. ____
Regular ____ 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
	FT31EX13-01N	6-16-03	0936			X	2		* SEE ATTACHED *
	FT31EX14-01N	"	0939			"	2		"
	FT31EX15-01N	"	0945			"	2		"
	FT31EX16-01N	"	0953			"	2		"
	FT31EX17-01N	"	1000			"	2		"
	FT31EX18-01N	"	1010			"	2		"
	FT31EX19-01N	6-16-03	1021			X	2		"

Relinquished by: (Signature) 6-16-03 1600
Kevin D. Yeamans

Relinquished by: (Signature)

Received by: (Signature)

Received by Laboratory for analysis: (Signature)

Date/Time 6/17/03 10:40

Date/Time

I hereby authorize the performance of the above indicated work.

Kevin D. Yeamans

Special Instructions: Please FAX Results to 505-679-2148
~~FedEx# 8955 4432 1575~~ FedEx# 823956614142

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES

NARRATIVE

Date: June 27, 2003

Narrative for Lab Request LR: 112273

~~Client Project Identification:~~
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
Initial calibration criteria were met for all analytes. Initial and Continuing Calibration Check samples were run at the required frequency. All results were within required limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8260:** 1,2-Dichloroethane-d4 surrogate recovery was outside limits in Sample #095, due to matrix interference. Corrective action: The LCS/LCSD and Method Blank were within control limits, and the bulk of surrogate recoveries conformed, including surrogate recoveries of the Blank and LCS. Therefore, the data was acceptable and no corrective action was necessary.

- **EPA 8015 & 8270:** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1110 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 112274

REPORTED 06/26/2003

RECEIVED 06/17/2003

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
439103	FT31EX01-01N
439104	FT31EX02-01N
439105	FT31EX03-01N
439106	FT31EX04-01N
439107	FT31EX05-01N
439108	FT31EX06-01N
439109	FT31EX07-01N
439110	FT31EX08-01N
439111	FT31EX09-01N
439112	FT31EX10-01N
439113	FT31EX10-01ND
439114	FT31EX11-01N

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

CLIENT BHATE (10177)

ATTN: Jerry Pelfrey
1110 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 112274

REPORTED 06/26/2003

RECEIVED 06/17/2003

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
439115	FT31EX12-01N
439116	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 439103 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX01-01N
Date Sampled: 06/16/2003
Time Sampled: 07:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	15	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439103 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX01-01N
Date Sampled: 06/16/2003
Time Sampled: 07:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	2.1 J	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	74	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	7.5	1	5	ug/Kg	06/18/03 AM
m and p-Xylene	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	6.4	1	5	ug/Kg	06/18/03 AM
Naphthalene	18	1	5	ug/Kg	06/18/03 AM
o-Xylene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439103 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX01-01N
Date Sampled: 06/16/2003
Time Sampled: 07:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	117			%	70 - 130
Surr3 - Toluene-d8	100			%	70 - 130
Surr4 - p-Bromofluorobenzene	96			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439103 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX01-01N
Date Sampled: 06/16/2003
Time Sampled: 07:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439103 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX01-01N
Date Sampled: 06/16/2003
Time Sampled: 07:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03 DP
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	52			%	17 - 122
2-Fluorobiphenyl (sur)	55			%	30 - 115
2-Fluorophenol (sur)	74			%	25 - 121
Nitrobenzene-d5 (sur)	56			%	23 - 120
Phenol-d5 (sur)	79			%	24 - 113
Terphenyl-d14 (sur)	75			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439104 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX02-01N
Date Sampled: 06/16/2003
Time Sampled: 07:58
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	11	1	5	ug/Kg	06/18/03	AM
Acetone	43	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439104 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX02-01N
Date Sampled: 06/16/2003
Time Sampled: 07:58
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	25	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	15	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	1.2 J	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439104 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX02-01N
Date Sampled: 06/16/2003
Time Sampled: 07:58
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	89	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	92	%	70 - 130
Surr3 - Toluene-d8	103	%	70 - 130
Surr4 - p-Bromofluorobenzene	96	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439104 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX02-01N
Date Sampled: 06/16/2003
Time Sampled: 07:58
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439104 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX02-01N
Date Sampled: 06/16/2003
Time Sampled: 07:58
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	06/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Isophorone	ND	1	333	ug/Kg	06/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03	DP
Naphthalene	ND	1	333	ug/Kg	06/25/03	DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03	DP
Phenol	ND	1	333	ug/Kg	06/25/03	DP
Pyrene	ND	1	333	ug/Kg	06/25/03	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	53			%	17 - 122	
2-Fluorobiphenyl (sur)	55			%	30 - 115	
2-Fluorophenol (sur)	74			%	25 - 121	
Nitrobenzene-d5 (sur)	57			%	23 - 120	
Phenol-d5 (sur)	79			%	24 - 113	
Terphenyl-d14 (sur)	95			%	18 - 137	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439105 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-01N
Date Sampled: 06/16/2003
Time Sampled: 08:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	25	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439105 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-01N
Date Sampled: 06/16/2003
Time Sampled: 08:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	1.1 J	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	63	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	3.3 J	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	3.0 J	1	5	ug/Kg	06/18/03 AM
Naphthalene	11	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439105 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-01N
Date Sampled: 06/16/2003
Time Sampled: 08:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03	AM
Styrene	ND	1	5	ug/Kg	06/18/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03	AM
Toluene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	94	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	121	%	70 - 130
Surr3 - Toluene-d8	102	%	70 - 130
Surr4 - p-Bromofluorobenzene	94	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439105 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-01N
Date Sampled: 06/16/2003
Time Sampled: 08:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439105 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX03-01N
Date Sampled: 06/16/2003
Time Sampled: 08:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	41	%	17 - 122
2-Fluorobiphenyl (sur)	51	%	30 - 115
2-Fluorophenol (sur)	65	%	25 - 121
Nitrobenzene-d5 (sur)	53	%	23 - 120
Phenol-d5 (sur)	73	%	24 - 113
Terphenyl-d14 (sur)	72	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439106 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX04-01N
Date Sampled: 06/16/2003
Time Sampled: 08:14
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/18/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/18/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/18/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/18/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/18/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/18/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/18/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/18/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/18/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/18/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/18/03	AM
Acetone	ND	1	5	ug/Kg	06/18/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439106
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 08:14
Sampled By:

Client: BHATE
Client Sample ID: FT31EX04-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/18/03 AM
Acrolein	ND	1	200	ug/Kg	06/18/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Benzene	ND	1	5	ug/Kg	06/18/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/18/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/18/03 AM
Bromoform	ND	1	5	ug/Kg	06/18/03 AM
Bromomethane	ND	1	5	ug/Kg	06/18/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/18/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/18/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/18/03 AM
Chloroethane	ND	1	5	ug/Kg	06/18/03 AM
Chloroform	ND	1	5	ug/Kg	06/18/03 AM
Chloromethane	ND	1	5	ug/Kg	06/18/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/18/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/18/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/18/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/18/03 AM
Iodomethane	ND	1	5	ug/Kg	06/18/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/18/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/18/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/18/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/18/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/18/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Naphthalene	ND	1	5	ug/Kg	06/18/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/18/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/18/03 AM
Propionitrile	ND	1	5	ug/Kg	06/18/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439106 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX04-01N
Date Sampled: 06/16/2003
Time Sampled: 08:14
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Styrene	ND	1	5	ug/Kg	06/18/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/18/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/18/03 AM
Toluene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/18/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/18/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/18/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/18/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/18/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/18/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/18/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	89	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	111	%	70 - 130
Surr3 - Toluene-d8	101	%	70 - 130
Surr4 - p-Bromofluorobenzene	93	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439106 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX04-01N
Date Sampled: 06/16/2003
Time Sampled: 08:14
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439106
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 08:14
Sampled By:

Client: BHATE
Client Sample ID: FT31EX04-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	53	%	17 - 122
2-Fluorobiphenyl (sur)	59	%	30 - 115
2-Fluorophenol (sur)	81	%	25 - 121
Nitrobenzene-d5 (sur)	62	%	23 - 120
Phenol-d5 (sur)	87	%	24 - 113
Terphenyl-d14 (sur)	79	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439107 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX05-01N
Date Sampled: 06/16/2003
Time Sampled: 08:21
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439107 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX05-01N
Date Sampled: 06/16/2003
Time Sampled: 08:21
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439107 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX05-01N
Date Sampled: 06/16/2003
Time Sampled: 08:21
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	113			%	70 - 130
Surr3 - Toluene-d8	104			%	70 - 130
Surr4 - p-Bromofluorobenzene	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439107 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX05-01N
Date Sampled: 06/16/2003
Time Sampled: 08:21
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	424	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439107 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX05-01N
Date Sampled: 06/16/2003
Time Sampled: 08:21
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	38	%	17 - 122
2-Fluorobiphenyl (sur)	43	%	30 - 115
2-Fluorophenol (sur)	56	%	25 - 121
Nitrobenzene-d5 (sur)	42	%	23 - 120
Phenol-d5 (sur)	58	%	24 - 113
Terphenyl-d14 (sur)	62	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439108 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX06-01N
Date Sampled: 06/16/2003
Time Sampled: 08:33
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439108 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX06-01N
Date Sampled: 06/16/2003
Time Sampled: 08:33
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439108
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 08:33
Sampled By:

Client: BHATE
Client Sample ID: FT31EX06-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	91	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	124	%	70 - 130
Surr3 - Toluene-d8	103	%	70 - 130
Surr4 - p-Bromofluorobenzene	95	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439108 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX06-01N
Date Sampled: 06/16/2003
Time Sampled: 08:33
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439108 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX06-01N
Date Sampled: 06/16/2003
Time Sampled: 08:33
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	42			%	17 - 122
2-Fluorobiphenyl (sur)	56			%	30 - 115
2-Fluorophenol (sur)	71			%	25 - 121
Nitrobenzene-d5 (sur)	58			%	23 - 120
Phenol-d5 (sur)	76			%	24 - 113
Terphenyl-d14 (sur)	88			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439109 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX07-01N

Date Sampled: 06/16/2003

Time Sampled: 08:42

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439109 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX07-01N
Date Sampled: 06/16/2003
Time Sampled: 08:42
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439109 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX07-01N
Date Sampled: 06/16/2003
Time Sampled: 08:42
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Styrene	ND	1	5	ug/Kg	06/19/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03	AM
Toluene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	90			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	116			%	70 - 130	
Surr3 - Toluene-d8	104			%	70 - 130	
Surr4 - p-Bromofluorobenzene	97			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439109 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX07-01N
Date Sampled: 06/16/2003
Time Sampled: 08:42
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	2870	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439109 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX07-01N
Date Sampled: 06/16/2003
Time Sampled: 08:42
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	47	%	17 - 122
2-Fluorobiphenyl (sur)	62	%	30 - 115
2-Fluorophenol (sur)	82	%	25 - 121
Nitrobenzene-d5 (sur)	63	%	23 - 120
Phenol-d5 (sur)	86	%	24 - 113
Terphenyl-d14 (sur)	89	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439110
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 08:48
Sampled By:

Client: BHATE
Client Sample ID: FT31EX08-01N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439110
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 08:48
Sampled By:

Client: BHATE
Client Sample ID: FT31EX08-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439110 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX08-01N
Date Sampled: 06/16/2003
Time Sampled: 08:48
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	93	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	131	%	70 - 130
Surr3 - Toluene-d8	102	%	70 - 130
Surr4 - p-Bromofluorobenzene	97	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439110 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX08-01N
Date Sampled: 06/16/2003
Time Sampled: 08:48
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	607	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439110
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 08:48
Sampled By:

Client: BHATE
Client Sample ID: FT31EX08-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	39	%	17 - 122
2-Fluorobiphenyl (sur)	56	%	30 - 115
2-Fluorophenol (sur)	72	%	25 - 121
Nitrobenzene-d5 (sur)	58	%	23 - 120
Phenol-d5 (sur)	70	%	24 - 113
Terphenyl-d14 (sur)	77	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439111 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX09-01N
Date Sampled: 06/16/2003
Time Sampled: 08:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439111 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX09-01N
Date Sampled: 06/16/2003
Time Sampled: 08:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439111 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX09-01N
Date Sampled: 06/16/2003
Time Sampled: 08:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	92			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	119			%	70 - 130
Surr3 - Toluene-d8	103			%	70 - 130
Surr4 - p-Bromofluorobenzene	97			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/24/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/24/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/24/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/24/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/24/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/24/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/24/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/24/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/24/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/24/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439111 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX09-01N
Date Sampled: 06/16/2003
Time Sampled: 08:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/24/03	DP
Anthracene	ND	1	333	ug/Kg	06/24/03	DP
Benzidine	ND	1	333	ug/Kg	06/24/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Chrysene	ND	1	333	ug/Kg	06/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Fluorene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/24/03	DP

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Order #: 439111
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 08:55
Sampled By:

Client: BHATE
Client Sample ID: FT31EX09-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/24/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/24/03 DP
Isophorone	ND	1	333	ug/Kg	06/24/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/24/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/24/03 DP
Naphthalene	ND	1	333	ug/Kg	06/24/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/24/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/24/03 DP
Phenol	ND	1	333	ug/Kg	06/24/03 DP
Pyrene	ND	1	333	ug/Kg	06/24/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	42	%	17 - 122
2-Fluorobiphenyl (sur)	49	%	30 - 115
2-Fluorophenol (sur)	65	%	25 - 121
Nitrobenzene-d5 (sur)	53	%	23 - 120
Phenol-d5 (sur)	68	%	24 - 113
Terphenyl-d14 (sur)	69	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439112 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01N
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	22	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439112 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01N
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439112 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01N
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	93	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	131	%	70 - 130
Surr3 - Toluene-d8	103	%	70 - 130
Surr4 - p-Bromofluorobenzene	95	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439112 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01N
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439112 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01N
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	47	%	17 - 122
2-Fluorobiphenyl (sur)	69	%	30 - 115
2-Fluorophenol (sur)	84	%	25 - 121
Nitrobenzene-d5 (sur)	68	%	23 - 120
Phenol-d5 (sur)	88	%	24 - 113
Terphenyl-d14 (sur)	88	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439113
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Client: BHATE
Client Sample ID: FT31EX10-01ND

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	20	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439113 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01ND
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439113 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01ND
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	123			%	70 - 130
Surr3 - Toluene-d8	103			%	70 - 130
Surr4 - p-Bromofluorobenzene	97			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439113 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01ND
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439113 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX10-01ND
Date Sampled: 06/16/2003
Time Sampled: 09:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	47			%	17 - 122
2-Fluorobiphenyl (sur)	62			%	30 - 115
2-Fluorophenol (sur)	79			%	25 - 121
Nitrobenzene-d5 (sur)	63			%	23 - 120
Phenol-d5 (sur)	82			%	24 - 113
Terphenyl-d14 (sur)	102			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439114 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX11-01N
Date Sampled: 06/16/2003
Time Sampled: 09:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	27	1	3	mg/Kg	06/21/03	AF
C10 - C22	52	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439114 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX11-01N
Date Sampled: 06/16/2003
Time Sampled: 09:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439114 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX11-01N
Date Sampled: 06/16/2003
Time Sampled: 09:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Styrene	ND	1	5	ug/Kg	06/19/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03	AM
Toluene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	94			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	127			%	70 - 130	
Surr3 - Toluene-d8	102			%	70 - 130	
Surr4 - p-Bromofluorobenzene	95			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439114 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX11-01N
Date Sampled: 06/16/2003
Time Sampled: 09:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439114
Matrix: SOLID
Date Sampled: 06/16/2003
Time Sampled: 09:15
Sampled By:

Client: BHATE
Client Sample ID: FT31EX11-01N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	54			%	17 - 122
2-Fluorobiphenyl (sur)	68			%	30 - 115
2-Fluorophenol (sur)	86			%	25 - 121
Nitrobenzene-d5 (sur)	69			%	23 - 120
Phenol-d5 (sur)	90			%	24 - 113
Terphenyl-d14 (sur)	101			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439115 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-01N
Date Sampled: 06/16/2003
Time Sampled: 09:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439115 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-01N
Date Sampled: 06/16/2003
Time Sampled: 09:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439115 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-01N
Date Sampled: 06/16/2003
Time Sampled: 09:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	115			%	70 - 130
Surr3 - Toluene-d8	100			%	70 - 130
Surr4 - p-Bromofluorobenzene	94			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439115 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-01N
Date Sampled: 06/16/2003
Time Sampled: 09:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439115 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX12-01N
Date Sampled: 06/16/2003
Time Sampled: 09:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	38	%	17 - 122
2-Fluorobiphenyl (sur)	58	%	30 - 115
2-Fluorophenol (sur)	72	%	25 - 121
Nitrobenzene-d5 (sur)	59	%	23 - 120
Phenol-d5 (sur)	73	%	24 - 113
Terphenyl-d14 (sur)	66	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439116
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: BHATE
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/20/03	AF
C10 - C22	ND	1	3	mg/Kg	06/20/03	AF
C22 - C36	ND	1	5	mg/Kg	06/20/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439116 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439116 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	91	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	119	%	70 - 130
Surr3 - Toluene-d8	103	%	70 - 130
Surr4 - p-Bromofluorobenzene	96	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/24/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/24/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/24/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/24/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/24/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/24/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/24/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/24/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/24/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/24/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/24/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/24/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439116 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/24/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/24/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/24/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/24/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/24/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/24/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/24/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/24/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/24/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/24/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/24/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/24/03	DP
Anthracene	ND	1	333	ug/Kg	06/24/03	DP
Benzidine	ND	1	333	ug/Kg	06/24/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/24/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/24/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/24/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/24/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Chrysene	ND	1	333	ug/Kg	06/24/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/24/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/24/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/24/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/24/03	DP
Fluorene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/24/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/24/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439116
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: BHATE
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/24/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/24/03 DP
Isophorone	ND	1	333	ug/Kg	06/24/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/24/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/24/03 DP
Naphthalene	ND	1	333	ug/Kg	06/24/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/24/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/24/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/24/03 DP
Phenol	ND	1	333	ug/Kg	06/24/03 DP
Pyrene	ND	1	333	ug/Kg	06/24/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	43	%	17 - 122
2-Fluorobiphenyl (sur)	56	%	30 - 115
2-Fluorophenol (sur)	71	%	25 - 121
Nitrobenzene-d5 (sur)	59	%	23 - 120
Phenol-d5 (sur)	74	%	24 - 113
Terphenyl-d14 (sur)	82	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Extraction Method : 3545

Prep. Date: 06/18/03

Analysis Date: 06/20/03

ID#'s in Batch: LR 112273, 112274

Reporting Units = mg/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	Method	LCS	ND	20.3	25	81	80%	120%
DIESEL	8015D	LCSD	ND	20.4	25	82	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-200
Method Blank	99
LCS	126
LCSD	136

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Prep. Method : 5035

Analysis Date: 06/19/03 7:56 AM

Applies to: LR 112273, 112274

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	46.49	49.09	93	98	5	22	59-172
MTBE	ND	50	47.14	45.86	94	92	3	24	62-137
Benzene	ND	50	47.76	48.43	96	97	1	24	62-137
Trichloroethene	ND	50	46.02	49.36	92	99	7	21	66-142
Toluene	ND	50	46.20	47.97	92	96	4	21	59-139
Chlorobenzene	ND	50	46.95	46.60	94	93	1	21	60-133

QC Sample: LCS # 1 1:09 PM
Analysis Date: 06/18/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	44.33	89	59-172
MTBE	ND	50	49.28	99	62-137
Benzene	ND	50	45.64	91	62-137
Trichloroethene	ND	50	44.64	89	66-142
Toluene	ND	50	46.04	92	59-139
Chlorobenzene	ND	50	47.95	96	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB 1	MB 2	LCS	LCSD
Dibromofluoromethane	97	89	91	96	94
1,2-Dichloroethane-d4	92	120	119	87	84
Toluene-d8	98	103	101	98	99
p-Bromofluorobenzene	91	98	96	91	92

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270/625

Prep. Method : 3550B

QC Sample: 112274-111, MS/MSD

Matrix: SOLID

Date Analyzed : 06/24/03

Date Extracted : 06/18/03

Applies to: LR 112273, 112274

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.1	50	29	27	58	54	7	35	26-125
2-Chorophenol	ND	50	29	28	58	56	4	50	25-125
1,4-Dichlorobenzene	ND	50	29	27	58	54	7	27	28-104
n-Nitroso-di-propylamine	ND	50	37	32	74	64	14	38	41-126
1,2,4-Trichlorobenzene	ND	50	24	23	48	46	4	23	38-107
4-Chloro-3-methylphenol	ND	50	25	21	50	42	17	33	26-103
Acenaphthene	ND	50	27	23	54	46	16	19	31-137
4-Nitrophenol	ND	50	23	21	46	42	9	50	11-114
2,4-Dinitrotoluene	ND	50	29	26	58	52	11	47	28-89
Pentachlorophenol	ND	50	26	29	52	58	11	47	17-109
Pyrene	ND	50	32	35	64	70	9	36	35-142

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	23	46	26-125
2-Chlorophenol	50	23	46	25-125
1,4-Dichlorobenzene	50	23	46	28-104
n-Nitroso-di-n-propylamine	50	24	48	41-126
1,2,4-Trichlorobenzene	50	19	38	38-107
4-Chloro-3-methylphenol	50	18	36	26-103
Acenaphthene	50	20	40	31-137
4-Nitophenol	50	17	34	11-114
2,4-Dinitrotoluene	50	26	52	28-89
Pentachlorophenol	50	13	26	17-109
Pyrene	50	32	64	35-142

Method Blank = All ND

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

112274

CHAIN OF CUSTODY RECORD

Date 6-16-03 Page 1 of 1

CLIENT BHATE

ADDRESS 1641 VANDENGRIFT Rd. #1266
Holloman AFB NM 88330

PROJECT NAME FT-31

PROJECT MANAGER Jerry Polfrey

PHONE NUMBER 505-679-2011

SAMPLERS: (Signature) Kevin D. Yeamans

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled X Frozen ___
Same Day X 24 Hr. ____
Regular ____ 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
	FT31EX01-01N	6-16-03	0749			X	2		* SEE ATTACHED *
	FT31EX02-01N	6-16-03	0758						
	FT31EX03-01N	6-16-03	0804						
	FT31EX04-01N	6-16-03	0814						
	FT31EX05-01N	6-16-03	0821						
	FT31EX06-01N	6-16-03	0833						
	FT31EX07-01N	6-16-03	0842						
	FT31EX08-01N	6-16-03	0848						
	FT31EX09-01N	6-16-03	0855						
	FT31EX10-01N	6-16-03	0909						
	FT31EX10-01ND	6-16-03	0909						
	FT31EX11-01N	6-16-03	0915						
	FT31EX12-01N	6-16-03	0923			X	2		

Relinquished by: (Signature) 6-16-03
Kevin D. Yeamans 1600 hrs.

Received by: (Signature)

Date/Time 10:35 6/17/03

Relinquished by: (Signature)

Received by Laboratory for analysis: (Signature)

Date/Time

Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX # 838544321575

I hereby authorize the performance of the above indicated work.

Kevin D. Yeamans

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: B Hale Project: _____

Date Cooler Received: 6/17/03 Date Cooler Opened: 6/17/03

Was cooler scanned for presence of radioactivity ? Yes/No
If yes was radioactivity results above 25 cpm ? Yes/No

Was a shipper's packing slip attached to the cooler ? Yes/No

If the cooler had custody seal(s), were thy signed and intact ? Yes/No/Na

Was the cooler packed with: Ice X Ice Packs _____ Bubble wrap _____
Styrofoam _____ Paper _____ None _____ Other _____

Cooler Temperature: 3.0° *
*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C ? Yes/No

If no explain: _____

Were all samples sealed in plastic bags ? Yes/No

Did all samples arrive intact ? If no, indicate below. Yes/No

Were all samples labeled correctly ? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers ? Yes/No

Were any VOA vials received with head space ? Yes/No/Na

Was the correct preservatives used ? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH

Any other important information: _____

Receiving Department: Ryan Lewis Date: 6/17/03

ASSOCIATED LABORATORIES

NARRATIVE

Date: June 30, 2003

Narrative for Lab Request LR: 112274

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
Initial calibration criteria were met for all analytes. Initial and Continuing Calibration Check samples were run at the required frequency. All results were within required limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8260:** 1,2-Dichloroethane-d4 surrogate recovery was marginally outside limits in Samples #110 and 112, most likely due to matrix interference. Corrective action: The LCS/LCSD and Method Blank were within control limits, and the bulk of surrogate recoveries conformed, including surrogate recoveries of the Blank and LCS. Therefore, the data was acceptable and no corrective action was necessary.

- **EPA 8015 & 8270:** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT BHATE (10177)
ATTN: Jerry Pelfrey
1110 10th. Street
480
Alamorgordo, NM 88310

LAB REQUEST 112334
REPORTED 06/26/2003
RECEIVED 06/18/2003

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
439345	FT31EX20-09N
439346	FT31EX20-09ND
439347	FT31EX21-09N
439348	FT31EX22-09N
439349	FT31EX23-09N
439350	FT31EX24-09N
439351	FT31EX25-09N
439352	FT31EX26-09N
439353	FT31EX27-09N
439354	FT31EX28-09N
439355	FT31EX29-09N
439356	FT31EX29-09ND

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Bellare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

CLIENT BHATE (10177)

ATTN: Jerry Pelfrey
1110 10th. Street
480
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LAB REQUEST 112334

REPORTED 06/26/2003

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PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
439357	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing , all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
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Environmental

Order #: 439345 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09N
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439345 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09N
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439345 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09N
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Styrene	ND	1	5	ug/Kg	06/19/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03	AM
Toluene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	98			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	143			%	70 - 130	
Surr3 - Toluene-d8	96			%	70 - 130	
Surr4 - p-Bromofluorobenzene	99			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439345 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09N
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439345 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09N
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	35			%	17 - 122
2-Fluorobiphenyl (sur)	44			%	30 - 115
2-Fluorophenol (sur)	58			%	25 - 121
Nitrobenzene-d5 (sur)	41			%	23 - 120
Phenol-d5 (sur)	58			%	24 - 113
Terphenyl-d14 (sur)	60			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439346
Matrix: SOLID
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Client: BHATE
Client Sample ID: FT31EX20-09ND

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439346 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09ND
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439346 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09ND
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	94	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	133	%	70 - 130
Surr3 - Toluene-d8	97	%	70 - 130
Surr4 - p-Bromofluorobenzene	101	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439346 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09ND
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439346 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX20-09ND
Date Sampled: 06/17/2003
Time Sampled: 10:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	34			%	17 - 122
2-Fluorobiphenyl (sur)	40			%	30 - 115
2-Fluorophenol (sur)	55			%	25 - 121
Nitrobenzene-d5 (sur)	40			%	23 - 120
Phenol-d5 (sur)	55			%	24 - 113
Terphenyl-d14 (sur)	55			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439347 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX21-09N
Date Sampled: 06/17/2003
Time Sampled: 10:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439347 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX21-09N
Date Sampled: 06/17/2003
Time Sampled: 10:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439347 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX21-09N
Date Sampled: 06/17/2003
Time Sampled: 10:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Styrene	ND	1	5	ug/Kg	06/19/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03	AM
Toluene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	95			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	136			%	70 - 130	
Surr3 - Toluene-d8	103			%	70 - 130	
Surr4 - p-Bromofluorobenzene	95			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439347 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX21-09N
Date Sampled: 06/17/2003
Time Sampled: 10:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	1560	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439347 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX21-09N
Date Sampled: 06/17/2003
Time Sampled: 10:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	44			%	17 - 122
2-Fluorobiphenyl (sur)	56			%	30 - 115
2-Fluorophenol (sur)	67			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	73			%	24 - 113
Terphenyl-d14 (sur)	70			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439348 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX22-09N
Date Sampled: 06/17/2003
Time Sampled: 10:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439348 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX22-09N
Date Sampled: 06/17/2003
Time Sampled: 10:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439348 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX22-09N
Date Sampled: 06/17/2003
Time Sampled: 10:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	90			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	122			%	70 - 130
Surr3 - Toluene-d8	100			%	70 - 130
Surr4 - p-Bromofluorobenzene	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439348 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX22-09N
Date Sampled: 06/17/2003
Time Sampled: 10:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03 DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03 DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03 DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03 DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03 DP
Anthracene	ND	1	333	ug/Kg	06/25/03 DP
Benzidine	ND	1	333	ug/Kg	06/25/03 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03 DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03 DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03 DP
Chrysene	ND	1	333	ug/Kg	06/25/03 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03 DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03 DP
Diethylphthalate	1560	1	333	ug/Kg	06/25/03 DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03 DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03 DP
Fluorene	ND	1	333	ug/Kg	06/25/03 DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03 DP

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Order #: 439348 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX22-09N
Date Sampled: 06/17/2003
Time Sampled: 10:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/25/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03 DP
Isophorone	ND	1	333	ug/Kg	06/25/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03 DP
Naphthalene	ND	1	333	ug/Kg	06/25/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03 DP
Phenol	ND	1	333	ug/Kg	06/25/03 DP
Pyrene	ND	1	333	ug/Kg	06/25/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	45	%	17 - 122
2-Fluorobiphenyl (sur)	53	%	30 - 115
2-Fluorophenol (sur)	68	%	25 - 121
Nitrobenzene-d5 (sur)	53	%	23 - 120
Phenol-d5 (sur)	72	%	24 - 113
Terphenyl-d14 (sur)	73	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439349 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX23-09N
Date Sampled: 06/17/2003
Time Sampled: 11:02
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439349 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** FT31EX23-09N

Date Sampled: 06/17/2003

Time Sampled: 11:02

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439349 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX23-09N
Date Sampled: 06/17/2003
Time Sampled: 11:02
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Styrene	ND	1	5	ug/Kg	06/19/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03	AM
Toluene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03	AM
Surrogates				**Units**	**Control Limits**	
Surr1 - Dibromofluoromethane	91			%	70 - 130	
Surr2 - 1,2-Dichloroethane-d4	124			%	70 - 130	
Surr3 - Toluene-d8	102			%	70 - 130	
Surr4 - p-Bromofluorobenzene	98			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/26/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/26/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/26/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/26/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/26/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/26/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/26/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/26/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439349 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX23-09N
Date Sampled: 06/17/2003
Time Sampled: 11:02
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/26/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/26/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/26/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/26/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/26/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/26/03	DP
Anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzidine	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/26/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/26/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Chrysene	ND	1	333	ug/Kg	06/26/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/26/03	DP
Diethylphthalate	5080	1	333	ug/Kg	06/26/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Fluorene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/26/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439349 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX23-09N
Date Sampled: 06/17/2003
Time Sampled: 11:02
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/26/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/26/03 DP
Isophorone	ND	1	333	ug/Kg	06/26/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/26/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/26/03 DP
Naphthalene	ND	1	333	ug/Kg	06/26/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/26/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/26/03 DP
Phenol	ND	1	333	ug/Kg	06/26/03 DP
Pyrene	ND	1	333	ug/Kg	06/26/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	38	%	17 - 122
2-Fluorobiphenyl (sur)	52	%	30 - 115
2-Fluorophenol (sur)	66	%	25 - 121
Nitrobenzene-d5 (sur)	51	%	23 - 120
Phenol-d5 (sur)	67	%	24 - 113
Terphenyl-d14 (sur)	63	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439350 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX24-09N
Date Sampled: 06/17/2003
Time Sampled: 11:12
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439350 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX24-09N
Date Sampled: 06/17/2003
Time Sampled: 11:12
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439350 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX24-09N
Date Sampled: 06/17/2003
Time Sampled: 11:12
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	91			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	122			%	70 - 130
Surr3 - Toluene-d8	103			%	70 - 130
Surr4 - p-Bromofluorobenzene	97			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/26/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/26/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/26/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439350 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX24-09N
Date Sampled: 06/17/2003
Time Sampled: 11:12
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/26/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/26/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/26/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/26/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/26/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/26/03	DP
Anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzidine	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/26/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/26/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Chrysene	ND	1	333	ug/Kg	06/26/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/26/03	DP
Diethylphthalate	2910	1	333	ug/Kg	06/26/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Fluorene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/26/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439350 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX24-09N
Date Sampled: 06/17/2003
Time Sampled: 11:12
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/26/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/26/03 DP
Isophorone	ND	1	333	ug/Kg	06/26/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/26/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/26/03 DP
Naphthalene	ND	1	333	ug/Kg	06/26/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/26/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/26/03 DP
Phenol	ND	1	333	ug/Kg	06/26/03 DP
Pyrene	ND	1	333	ug/Kg	06/26/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	40			%	17 - 122
2-Fluorobiphenyl (sur)	51			%	30 - 115
2-Fluorophenol (sur)	65			%	25 - 121
Nitrobenzene-d5 (sur)	50			%	23 - 120
Phenol-d5 (sur)	66			%	24 - 113
Terphenyl-d14 (sur)	73			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439351 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX25-09N
Date Sampled: 06/17/2003
Time Sampled: 11:31
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439351 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX25-09N
Date Sampled: 06/17/2003
Time Sampled: 11:31
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439351 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX25-09N
Date Sampled: 06/17/2003
Time Sampled: 11:31
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	92			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	135			%	70 - 130
Surr3 - Toluene-d8	101			%	70 - 130
Surr4 - p-Bromofluorobenzene	95			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/26/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/26/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/26/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439351 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX25-09N
Date Sampled: 06/17/2003
Time Sampled: 11:31
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/26/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/26/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/26/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/26/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/26/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/26/03	DP
Anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzidine	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/26/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/26/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Chrysene	ND	1	333	ug/Kg	06/26/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/26/03	DP
Diethylphthalate	1260	1	333	ug/Kg	06/26/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Fluorene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/26/03	DP

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Order #: 439351
Matrix: SOLID
Date Sampled: 06/17/2003
Time Sampled: 11:31
Sampled By:

Client: BHATE
Client Sample ID: FT31EX25-09N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/26/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/26/03 DP
Isophorone	ND	1	333	ug/Kg	06/26/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/26/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/26/03 DP
Naphthalene	ND	1	333	ug/Kg	06/26/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/26/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/26/03 DP
Phenol	ND	1	333	ug/Kg	06/26/03 DP
Pyrene	ND	1	333	ug/Kg	06/26/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	40	%	17 - 122
2-Fluorobiphenyl (sur)	51	%	30 - 115
2-Fluorophenol (sur)	67	%	25 - 121
Nitrobenzene-d5 (sur)	52	%	23 - 120
Phenol-d5 (sur)	71	%	24 - 113
Terphenyl-d14 (sur)	72	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439352 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX26-09N
Date Sampled: 06/17/2003
Time Sampled: 11:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

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Order #: 439352 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX26-09N
Date Sampled: 06/17/2003
Time Sampled: 11:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439352 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX26-09N
Date Sampled: 06/17/2003
Time Sampled: 11:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Styrene	ND	1	5	ug/Kg	06/19/03	AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03	AM
Toluene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03	AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03	AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03	AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03	AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03	AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	92	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	120	%	70 - 130
Surr3 - Toluene-d8	104	%	70 - 130
Surr4 - p-Bromofluorobenzene	98	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/16/03	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/16/03	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/16/03	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/16/03	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/16/03	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/16/03	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/16/03	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/16/03	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/16/03	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/16/03	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/16/03	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/16/03	DP
2-Chlorophenol	ND	1	333	ug/Kg	06/16/03	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/16/03	DP
2-Methylphenol	ND	1	333	ug/Kg	06/16/03	DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/16/03	DP
2-Nitrophenol	ND	1	333	ug/Kg	06/16/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439352 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX26-09N
Date Sampled: 06/17/2003
Time Sampled: 11:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/16/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/16/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/16/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/16/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/16/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/16/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/16/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/16/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/16/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/16/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/16/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/16/03	DP
Anthracene	ND	1	333	ug/Kg	06/16/03	DP
Benzidine	ND	1	333	ug/Kg	06/16/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/16/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/16/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/16/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/16/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/16/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/16/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/16/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/16/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/16/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/16/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/16/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/16/03	DP
Chrysene	ND	1	333	ug/Kg	06/16/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/16/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/16/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/16/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/16/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/16/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/16/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/16/03	DP
Fluorene	ND	1	333	ug/Kg	06/16/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/16/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/16/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/16/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439352
Matrix: SOLID
Date Sampled: 06/17/2003
Time Sampled: 11:52
Sampled By:

Client: BHATE
Client Sample ID: FT31EX26-09N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/16/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/16/03 DP
Isophorone	ND	1	333	ug/Kg	06/16/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/16/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/16/03 DP
Naphthalene	ND	1	333	ug/Kg	06/16/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/16/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/16/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/16/03 DP
Phenol	ND	1	333	ug/Kg	06/16/03 DP
Pyrene	ND	1	333	ug/Kg	06/16/03 DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	46	%	17 - 122
2-Fluorobiphenyl (sur)	62	%	30 - 115
2-Fluorophenol (sur)	80	%	25 - 121
Nitrobenzene-d5 (sur)	60	%	23 - 120
Phenol-d5 (sur)	80	%	24 - 113
Terphenyl-d14 (sur)	75	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439353 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX27-09N
Date Sampled: 06/17/2003
Time Sampled: 12:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439353 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX27-09N
Date Sampled: 06/17/2003
Time Sampled: 12:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439353 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX27-09N
Date Sampled: 06/17/2003
Time Sampled: 12:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	92			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	131			%	70 - 130
Surr3 - Toluene-d8	97			%	70 - 130
Surr4 - p-Bromofluorobenzene	95			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/26/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/26/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/26/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439353 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX27-09N
Date Sampled: 06/17/2003
Time Sampled: 12:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/26/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/26/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/26/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/26/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/26/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/26/03	DP
Anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzidine	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/26/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/26/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Chrysene	ND	1	333	ug/Kg	06/26/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/26/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Fluorene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/26/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439353
Matrix: SOLID
Date Sampled: 06/17/2003
Time Sampled: 12:15
Sampled By:

Client: BHATE
Client Sample ID: FT31EX27-09N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/26/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/26/03 DP
Isophorone	ND	1	333	ug/Kg	06/26/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/26/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/26/03 DP
Naphthalene	ND	1	333	ug/Kg	06/26/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/26/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/26/03 DP
Phenol	ND	1	333	ug/Kg	06/26/03 DP
Pyrene	ND	1	333	ug/Kg	06/26/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	33			%	17 - 122
2-Fluorobiphenyl (sur)	41			%	30 - 115
2-Fluorophenol (sur)	55			%	25 - 121
Nitrobenzene-d5 (sur)	40			%	23 - 120
Phenol-d5 (sur)	55			%	24 - 113
Terphenyl-d14 (sur)	56			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439354
Matrix: SOLID
Date Sampled: 06/17/2003
Time Sampled: 12:28
Sampled By:

Client: BHATE
Client Sample ID: FT31EX28-09N

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439354 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX28-09N
Date Sampled: 06/17/2003
Time Sampled: 12:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	06/19/03	AM
Acrolein	ND	1	200	ug/Kg	06/19/03	AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03	AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03	AM
Benzene	ND	1	5	ug/Kg	06/19/03	AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03	AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03	AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03	AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03	AM
Bromoform	ND	1	5	ug/Kg	06/19/03	AM
Bromomethane	ND	1	5	ug/Kg	06/19/03	AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03	AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03	AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
Chloroethane	ND	1	5	ug/Kg	06/19/03	AM
Chloroform	ND	1	5	ug/Kg	06/19/03	AM
Chloromethane	ND	1	5	ug/Kg	06/19/03	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03	AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03	AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03	AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03	AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03	AM
Iodomethane	ND	1	5	ug/Kg	06/19/03	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03	AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03	AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03	AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03	AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03	AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03	AM
Naphthalene	ND	1	5	ug/Kg	06/19/03	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03	AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03	AM
Propionitrile	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439354 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX28-09N
Date Sampled: 06/17/2003
Time Sampled: 12:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	89			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	125			%	70 - 130
Surr3 - Toluene-d8	103			%	70 - 130
Surr4 - p-Bromofluorobenzene	95			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/26/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/26/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/26/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439354 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX28-09N
Date Sampled: 06/17/2003
Time Sampled: 12:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/26/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/26/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/26/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/26/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/26/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/26/03	DP
Anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzidine	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/26/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/26/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Chrysene	ND	1	333	ug/Kg	06/26/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/26/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Fluorene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/26/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439354
Matrix: SOLID
Date Sampled: 06/17/2003
Time Sampled: 12:28
Sampled By:

Client: BHATE
Client Sample ID: FT31EX28-09N

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/26/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/26/03 DP
Isophorone	ND	1	333	ug/Kg	06/26/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/26/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/26/03 DP
Naphthalene	ND	1	333	ug/Kg	06/26/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/26/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/26/03 DP
Phenol	ND	1	333	ug/Kg	06/26/03 DP
Pyrene	ND	1	333	ug/Kg	06/26/03 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	58	%	17 - 122
2-Fluorobiphenyl (sur)	65	%	30 - 115
2-Fluorophenol (sur)	87	%	25 - 121
Nitrobenzene-d5 (sur)	64	%	23 - 120
Phenol-d5 (sur)	90	%	24 - 113
Terphenyl-d14 (sur)	78	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439355 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09N
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439355 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09N
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439355 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09N
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM
Surrogates				**Units**	**Control Limits**
Surr1 - Dibromofluoromethane	92			%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	126			%	70 - 130
Surr3 - Toluene-d8	100			%	70 - 130
Surr4 - p-Bromofluorobenzene	95			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/26/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/26/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/26/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439355 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09N
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/26/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/26/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/26/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/26/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/26/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/26/03	DP
Anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzidine	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/26/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/26/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Chrysene	ND	1	333	ug/Kg	06/26/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/26/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Fluorene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/26/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439355 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09N
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/26/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/26/03 DP
Isophorone	ND	1	333	ug/Kg	06/26/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/26/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/26/03 DP
Naphthalene	ND	1	333	ug/Kg	06/26/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/26/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/26/03 DP
Phenol	ND	1	333	ug/Kg	06/26/03 DP
Pyrene	ND	1	333	ug/Kg	06/26/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	47			%	17 - 122
2-Fluorobiphenyl (sur)	58			%	30 - 115
2-Fluorophenol (sur)	75			%	25 - 121
Nitrobenzene-d5 (sur)	56			%	23 - 120
Phenol-d5 (sur)	78			%	24 - 113
Terphenyl-d14 (sur)	80			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439356 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09ND
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/22/03	AF
C10 - C22	ND	1	3	mg/Kg	06/22/03	AF
C22 - C36	ND	1	5	mg/Kg	06/22/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439356
Matrix: SOLID
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Client: BHATE
Client Sample ID: FT31EX29-09ND

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439356 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09ND
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	87	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	120	%	70 - 130
Surr3 - Toluene-d8	100	%	70 - 130
Surr4 - p-Bromofluorobenzene	99	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/26/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/26/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/26/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/26/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/26/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/26/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/26/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/26/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/26/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439356 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09ND
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/26/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/26/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/26/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/26/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/26/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/26/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/26/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/26/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/26/03	DP
Anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzidine	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/26/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/26/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/26/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/26/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Chrysene	ND	1	333	ug/Kg	06/26/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/26/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/26/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/26/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/26/03	DP
Fluorene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/26/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/26/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439356 **Client:** BHATE
Matrix: SOLID **Client Sample ID:** FT31EX29-09ND
Date Sampled: 06/17/2003
Time Sampled: 12:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	06/26/03 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/26/03 DP
Isophorone	ND	1	333	ug/Kg	06/26/03 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/26/03 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/26/03 DP
Naphthalene	ND	1	333	ug/Kg	06/26/03 DP
Nitrobenzene	ND	1	333	ug/Kg	06/26/03 DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/26/03 DP
Phenanthrene	ND	1	333	ug/Kg	06/26/03 DP
Phenol	ND	1	333	ug/Kg	06/26/03 DP
Pyrene	ND	1	333	ug/Kg	06/26/03 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	39			%	17 - 122
2-Fluorobiphenyl (sur)	52			%	30 - 115
2-Fluorophenol (sur)	67			%	25 - 121
Nitrobenzene-d5 (sur)	50			%	23 - 120
Phenol-d5 (sur)	68			%	24 - 113
Terphenyl-d14 (sur)	71			%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439357 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	3	mg/Kg	06/21/03	AF
C10 - C22	ND	1	3	mg/Kg	06/21/03	AF
C22 - C36	ND	1	5	mg/Kg	06/21/03	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	06/19/03	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	06/19/03	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	06/19/03	AM
1,4-Dioxane	ND	1	200	ug/Kg	06/19/03	AM
1-Chlorohexane	ND	1	5	ug/Kg	06/19/03	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	06/19/03	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	06/19/03	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	06/19/03	AM
2-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
2-Hexanone	ND	1	5	ug/Kg	06/19/03	AM
4-Chlorotoluene	ND	1	5	ug/Kg	06/19/03	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	06/19/03	AM
Acetone	ND	1	5	ug/Kg	06/19/03	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439357 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	06/19/03 AM
Acrolein	ND	1	200	ug/Kg	06/19/03 AM
Acrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Allyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Benzene	ND	1	5	ug/Kg	06/19/03 AM
Benzyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Bromobenzene	ND	1	5	ug/Kg	06/19/03 AM
Bromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromodichloromethane	ND	1	5	ug/Kg	06/19/03 AM
Bromoform	ND	1	5	ug/Kg	06/19/03 AM
Bromomethane	ND	1	5	ug/Kg	06/19/03 AM
Carbon Disulfide	ND	1	5	ug/Kg	06/19/03 AM
Carbon tetrachloride	ND	1	5	ug/Kg	06/19/03 AM
Chlorobenzene	ND	1	5	ug/Kg	06/19/03 AM
Chloroethane	ND	1	5	ug/Kg	06/19/03 AM
Chloroform	ND	1	5	ug/Kg	06/19/03 AM
Chloromethane	ND	1	5	ug/Kg	06/19/03 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Dibromochloromethane	ND	1	5	ug/Kg	06/19/03 AM
Dibromomethane	ND	1	5	ug/Kg	06/19/03 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Ethyl benzene	ND	1	5	ug/Kg	06/19/03 AM
Ethyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	06/19/03 AM
Iodomethane	ND	1	5	ug/Kg	06/19/03 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	06/19/03 AM
Methacrylonitrile	ND	1	5	ug/Kg	06/19/03 AM
Methyl methacrylate	ND	1	5	ug/Kg	06/19/03 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	06/19/03 AM
Methylene chloride	ND	1	5	ug/Kg	06/19/03 AM
n-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
n-Propylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Naphthalene	ND	1	5	ug/Kg	06/19/03 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	06/19/03 AM
Pentachloroethane	ND	1	5	ug/Kg	06/19/03 AM
Propionitrile	ND	1	5	ug/Kg	06/19/03 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439357 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Styrene	ND	1	5	ug/Kg	06/19/03 AM
tert-Butylbenzene	ND	1	5	ug/Kg	06/19/03 AM
Tetrachloroethene	ND	1	5	ug/Kg	06/19/03 AM
Toluene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	06/19/03 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	06/19/03 AM
Trichloroethene	ND	1	5	ug/Kg	06/19/03 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	06/19/03 AM
Vinyl acetate	ND	1	50	ug/Kg	06/19/03 AM
Vinyl chloride	ND	1	5	ug/Kg	06/19/03 AM
Xylenes, total	ND	1	5	ug/Kg	06/19/03 AM

Surrogates		Units	Control Limits
Surr1 - Dibromofluoromethane	90	%	70 - 130
Surr2 - 1,2-Dichloroethane-d4	133	%	70 - 130
Surr3 - Toluene-d8	101	%	70 - 130
Surr4 - p-Bromofluorobenzene	104	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	06/25/03 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	06/25/03 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	06/25/03 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	06/25/03 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Chlorophenol	ND	1	333	ug/Kg	06/25/03 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	06/25/03 DP
2-Methylphenol	ND	1	333	ug/Kg	06/25/03 DP
2-Nitroaniline	ND	1	1665	ug/Kg	06/25/03 DP
2-Nitrophenol	ND	1	333	ug/Kg	06/25/03 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439357 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	06/25/03	DP
3-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	06/25/03	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Chloroaniline	ND	1	333	ug/Kg	06/25/03	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	06/25/03	DP
4-Methylphenol	ND	1	333	ug/Kg	06/25/03	DP
4-Nitroaniline	ND	1	1665	ug/Kg	06/25/03	DP
4-Nitrophenol	ND	1	1665	ug/Kg	06/25/03	DP
Acenaphthene	ND	1	333	ug/Kg	06/25/03	DP
Acenaphthylene	ND	1	333	ug/Kg	06/25/03	DP
Anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzidine	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	06/25/03	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Benzoic Acid	ND	1	333	ug/Kg	06/25/03	DP
Benzyl alcohol	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	06/25/03	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	06/25/03	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Chrysene	ND	1	333	ug/Kg	06/25/03	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	06/25/03	DP
Dibenzofuran	ND	1	333	ug/Kg	06/25/03	DP
Diethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Dimethylphthalate	ND	1	333	ug/Kg	06/25/03	DP
Fluoranthene	ND	1	333	ug/Kg	06/25/03	DP
Fluorene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobenzene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	06/25/03	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	06/25/03	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 439357 **Client:** BHATE

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	06/25/03	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	06/25/03	DP
Isophorone	ND	1	333	ug/Kg	06/25/03	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	06/25/03	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	06/25/03	DP
Naphthalene	ND	1	333	ug/Kg	06/25/03	DP
Nitrobenzene	ND	1	333	ug/Kg	06/25/03	DP
Pentachlorophenol	ND	1	1665	ug/Kg	06/25/03	DP
Phenanthrene	ND	1	333	ug/Kg	06/25/03	DP
Phenol	ND	1	333	ug/Kg	06/25/03	DP
Pyrene	ND	1	333	ug/Kg	06/25/03	DP

Surrogates		**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	47	%	17 - 122
2-Fluorobiphenyl (sur)	65	%	30 - 115
2-Fluorophenol (sur)	80	%	25 - 121
Nitrobenzene-d5 (sur)	65	%	23 - 120
Phenol-d5 (sur)	84	%	24 - 113
Terphenyl-d14 (sur)	85	%	18 - 137

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Extraction Method : 3545

Prep. Date: 06/19/03

Analysis Date: 06/21/03

ID#'s in Batch: LR 112334

Reporting Units = mg/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	Method	LCS	ND	21	25	83	80%	120%
DIESEL	8015D	LCSD	ND	22	25	90	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-200
Method Blank	105
LCS	134
LCSD	142

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Prep. Method : 5035

Analysis Date: 06/20/03 8:22 AM

Applies to: LR 112334

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	54.55	49.93	109	100	9	22	59-172
MTBE	ND	50	49.57	47.66	99	95	4	24	62-137
Benzene	ND	50	49.10	45.57	98	91	7	24	62-137
Trichloroethene	ND	50	46.59	44.00	93	88	6	21	66-142
Toluene	ND	50	47.53	45.49	95	91	4	21	59-139
Chlorobenzene	ND	50	48.18	46.79	96	94	3	21	60-133

QC Sample: LCS # 1 1:43 PM
Analysis Date: 06/19/03

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	57.83	116	59-172
MTBE	ND	50	46.02	92	62-137
Benzene	ND	50	51.18	102	62-137
Trichloroethene	ND	50	49.18	98	66-142
Toluene	ND	50	48.73	97	59-139
Chlorobenzene	ND	50	49.89	100	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB 1	LCS	LCSD
Dibromofluoromethane	97	90	96	95
1,2-Dichloroethane-d4	93	133	90	87
Toluene-d8	97	101	100	100
p-Bromofluorobenzene	95	104	91	93

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270/625

Prep. Method : 3550B

QC Sample: 112334

Matrix: SOLID

Date Analyzed : 06/25/03

Date Extracted : 06/19/03

Applies to: LR 112334, 112293, 112162

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.2	50	32	27	64	54	17	35	26-125
2-Chorophenol	ND	50	28	25	56	50	11	50	25-125
1,4-Dichlorobenzene	ND	50	27	25	54	50	8	27	28-104
n-Nitroso-di-propylamine	0.1	50	37	33	74	66	11	38	41-126
1,2,4-Trichlorobenzene	ND	50	24	21	48	42	13	23	38-107
4-Chloro-3-methylphenol	ND	50	21	19	42	38	10	33	26-103
Acenaphthene	ND	50	26	21	52	42	21	19	31-137
4-Nitrophenol	ND	50	19	14	38	28	30	50	11-114
2,4-Dinitrotoluene	ND	50	29	23	58	46	23	47	28-89
Pentachlorophenol	ND	50	25	19	50	38	27	47	17-109
Pyrene	ND	50	32	25	64	50	25	36	35-142

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	28	56	26-125
2-Chlorophenol	50	27	54	25-125
1,4-Dichlorobenzene	50	26	52	28-104
n-Nitroso-di-n-propylamine	50	36	72	41-126
1,2,4-Trichlorobenzene	50	22	44	38-107
4-Chloro-3-methylphenol	50	21	42	26-103
Acenaphthene	50	27	54	31-137
4-Nitophenol	50	18	36	11-114
2,4-Dinitrotoluene	50	32	64	28-89
Pentachlorophenol	50	16	32	17-109
Pyrene	50	36	72	35-142

Method Blank = All ND

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

112334

CHAIN OF CUSTODY RECORD

Date 17 JUN 03 Page 1 of 1

CLIENT BHATE
ADDRESS 1641 VANDERGRIFT RD BLDG 1266
HOLLOMAN AFB, NM 88330

PROJECT MANAGER JERRY PELFREY
PHONE NUMBER (505) 679-2011
SAMPLERS: (Signature)

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ✓ Cooled ___ Frozen ___
Same Day ____ 24 Hr. ____
Regular ____ 48 Hr. ____ RUSH!

PROJECT NAME
FT-31

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX20-09N	FT31	17JUN03	1039			✓	3		SEE ATTACHMENT
FT31EX20-09ND	FT31		1039			✓	3		
FT31EX21-09N	FT31		1049			✓	3		
FT31EX22-09N	FT31		1055			✓	3		
FT31EX23-09N	FT31		1102			✓	3		
FT31EX24-09N	FT31		1112			✓	3		
FT31EX25-09N	FT31		1131			✓	3		
FT31EX26-09N	FT-31		1152			✓	3		
FT31EX27-09N	FT31		1215			✓	3		
FT31EX28-09N	FT31		1228			✓	3		
FT31EX29-09N	FT31		1250			✓	3		
FT31EX28-09N	FT31	17JUN03	1250			✓	3		

Relinquished by: (Signature) 1600hrs 17 JUN 03

Received by: (Signature)

Date/Time 1040 10/18/02

I hereby authorize the performance of the above indicated work.

Relinquished by: (Signature)

Received by Laboratory for analysis: (Signature)

Date/Time

Special Instructions: PLEASE FAX RESULTS TO (505) 679-2148
FED EX SHIPPER # 841458989876

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: B Hale Project: _____

Date Cooler Received: 6/18/03 Date Cooler Opened: 6/18/03

Was cooler scanned for presence of radioactivity ? Yes/No
If yes was radioactivity results above 25 cpm ? Yes/No

Was a shipper's packing slip attached to the cooler ? Yes/No

If the cooler had custody seal(s), were thy signed and intact ? Yes/No/Na

Was the cooler packed with: Ice X Ice Packs _____ Bubble wrap _____
Styrofoam _____ Paper _____ None _____ Other _____

Cooler Temperature: 2.0° *
*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C ? Yes/No

If no explain: _____

Were all samples sealed in plastic bags ? Yes/No

Did all samples arrive intact ? If no, indicate below. Yes/No IRL

Were all samples labeled correctly ? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers ? Yes/No

Were any VOA vials received with head space ? Yes/No/Na

Was the correct preservatives used ? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH

Any other important information: _____

Receiving Department: [signature] Date: 6/18/03

ASSOCIATED LABORATORIES

NARRATIVE

Date: June 30, 2003

Narrative for Lab Request LR: 112334

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
Initial calibration criteria were met for all analytes. Initial and Continuing Calibration Check samples were run at the required frequency. All results were within required limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8260:** 1,2-Dichloroethane-d4 surrogate recoveries were slightly outside limits in MB #1 and in Samples #345-347, 351 & 353. Corrective action:. All other surrogate compounds were within limits for all QC and analytical samples. Furthermore, the LCS and Method Blanks conformed, and all the analytical samples were ND.

- **EPA 8270:** 2-Fluorobiphenyl surrogate recovery was outside limits in the MSD sample, most likely due to matrix interference. Corrective action: The LCS, Method Blank, and all MS/MSD were within limits. Furthermore, the bulk of surrogate recoveries conformed. Therefore, the data was acceptable and no corrective action was necessary.

- **EPA 8015:** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

101132

CHAIN OF CUSTODY RECORD

Date 10-21-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Underwritt. Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2148
SAMPLERS: (Signature)

Samples Intact Yes 1 No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled 1 Frozen ___
Same Day ____ 24 Hr. X
Regular ____ 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31SS01	FT-31	10-21-02	1123			X	3		See attachment ~~A~~ B
FT31SS02	FT-31	10-21-02	1128			X	3		See attachment ~~A~~ B
FT31SS03	FT-31	10-21-02	1139			X	3		See attachment ~~A~~ B
FT31SS04	FT-31	10-21-02	1155			X	3		See attachment ~~A~~ B
FT31SP01	FT-31	10-21-02	1210			X	3		See attachment A
FT31EX01	FT-31	10-21-02	0745			X	3		See attachment B
FT31EX02	FT-31	10-21-02	0800			X	3		See attachment B
FT31EX03	FT-31	10-21-02	0815			X	3		See attachment B
FT31EX04	FT-31	10-21-02	0830			X	3		See attachment B

Relinquished by: (Signature) 10-21-02 1600	Received by: (Signature) Fed-ex	Date/Time
Relinquished by: (Signature) Fed-ex	Received by Laboratory for analysis: (Signature) Kahulsky	Date/Time 0950 10-22-02
Special Instructions: Fax results to (505) 679-2148 Shipper #		

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
1641 Vandergrift Road
HAFB, NM 88330

LAB REQUEST 101132

REPORTED 10/28/2002
RECEIVED 10/22/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
386809	FT31SS01
386810	FT31SS02
386811	FT31SS03
386812	FT31SS04
386813	FT31SP01
386814	FT31EX01
386815	FT31EX02
386816	FT31EX03
386817	FT31EX04
386818	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 386809
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS01

Analyte	Result	DF	DLR	Units	Date/Analyst	
1030 Ignitability of Solids						
Ignitability of Solids	Passes	1		P/F	10/25/02	HK
8015 Carbon Chain I						
C06 - C10	327	1	20.0	mg/Kg	10/23/02	AF
C10 - C22	2670	10	300.0	mg/Kg	10/23/02	AF
C22 - C32	ND	10	500.0	mg/Kg	10/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	8130	100	500.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	4010	100	500.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	100	20000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	100	500.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	100	500.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386809
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	100	500.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	100	500.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	10/23/02	DP
Acetone	ND	100	500.0	ug/Kg	10/23/02	DP
Acetonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Acrolein	ND	100	20000.0	ug/Kg	10/23/02	DP
Acrylonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Allyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Benzene	ND	100	500.0	ug/Kg	10/23/02	DP
Benzyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Bromobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Bromochloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Bromodichloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Bromoform	ND	100	500.0	ug/Kg	10/23/02	DP
Bromomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Carbon Disulfide	ND	100	500.0	ug/Kg	10/23/02	DP
Carbon tetrachloride	ND	100	500.0	ug/Kg	10/23/02	DP
Chlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Chloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
Chloroform	ND	100	500.0	ug/Kg	10/23/02	DP
Chloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	10/23/02	DP
Dibromochloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Dibromomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Ethyl benzene	ND	100	500.0	ug/Kg	10/23/02	DP
Ethyl methacrylate	ND	100	500.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	100	500.0	ug/Kg	10/23/02	DP
Iodomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Isopropylbenzene (Cumene)	473	100	500.0	ug/Kg	10/23/02	DP
Methacrylonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Methyl methacrylate	ND	100	500.0	ug/Kg	10/23/02	DP
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	10/23/02	DP
Methylene chloride	ND	100	500.0	ug/Kg	10/23/02	DP
n-Butylbenzene	3160	100	500.0	ug/Kg	10/23/02	DP
n-Propylbenzene	755	100	500.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386809 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS01
Date Sampled: 10/21/2002
Time Sampled: 11:23
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Naphthalene	4370	100	500.0	ug/Kg	10/23/02	DP
p-Isopropyltoluene	3290	100	500.0	ug/Kg	10/23/02	DP
Pentachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
Propionitrile	ND	100	500.0	ug/Kg	10/23/02	DP
sec-Butylbenzene	1400	100	500.0	ug/Kg	10/23/02	DP
Styrene	ND	100	500.0	ug/Kg	10/23/02	DP
tert-Butylbenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Tetrachloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
Toluene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	10/23/02	DP
Trichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
Trichlorofluoromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Vinyl acetate	ND	100	5000.0	ug/Kg	10/23/02	DP
Vinyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Xylenes, total	1000	100	500.0	ug/Kg	10/23/02	DP
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130	
Dibromofluoromethane (sur)	104			%	70 - 130	
p-Bromofluorobenzene (sur)	129			%	70 - 130	
Toluene-d8 (sur)	100			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/22/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/22/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386809 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS01
Date Sampled: 10/21/2002
Time Sampled: 11:23
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Methylnaphthalene	6900	3	999.0	ug/Kg	10/22/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/22/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/22/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/22/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	10/22/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/22/02	DP
Anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzidine	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/22/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Chrysene	ND	3	999.0	ug/Kg	10/22/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/22/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386809 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS01
Date Sampled: 10/21/2002
Time Sampled: 11:23
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Fluorene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	10/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Isophorone	ND	3	999.0	ug/Kg	10/22/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/22/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/22/02	DP
Naphthalene	1840	3	999.0	ug/Kg	10/22/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	10/22/02	DP
Phenol	ND	3	999.0	ug/Kg	10/22/02	DP
Pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	91			%	17 - 122	
2-Fluorobiphenyl (sur)	102			%	30 - 115	
2-Fluorophenol (sur)	111			%	25 - 121	
Nitrobenzene-d5 (sur)	122			%	23 - 120	
Phenol-d5 (sur)	119			%	24 - 113	
Terphenyl-d14 (sur)	101			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	297	50	250.0	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	99			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386810
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:28
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS02

Analyte	Result	DF	DLR	Units	Date/Analyst	
1030 Ignitability of Solids						
Ignitability of Solids	Passes	1		P/F	10/25/02	HK
8015 Carbon Chain I						
C06 - C10	710	1	20	mg/Kg	10/23/02	AF
C10 - C22	3510	10	300.0	mg/Kg	10/23/02	AF
C22 - C32	ND	1	50	mg/Kg	10/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	11800	100	500.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	5520	100	500.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	100	20000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	100	500.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	100	500.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386810
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:28
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	100	500.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	100	500.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	10/23/02	DP
Acetone	ND	100	500.0	ug/Kg	10/23/02	DP
Acetonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Acrolein	ND	100	20000.0	ug/Kg	10/23/02	DP
Acrylonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Allyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Benzene	ND	100	500.0	ug/Kg	10/23/02	DP
Benzyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Bromobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Bromochloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Bromodichloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Bromoform	ND	100	500.0	ug/Kg	10/23/02	DP
Bromomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Carbon Disulfide	ND	100	500.0	ug/Kg	10/23/02	DP
Carbon tetrachloride	ND	100	500.0	ug/Kg	10/23/02	DP
Chlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Chloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
Chloroform	ND	100	500.0	ug/Kg	10/23/02	DP
Chloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	10/23/02	DP
Dibromochloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Dibromomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Ethyl benzene	1250	100	500.0	ug/Kg	10/23/02	DP
Ethyl methacrylate	ND	100	500.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	100	500.0	ug/Kg	10/23/02	DP
Iodomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Isopropylbenzene (Cumene)	1240	100	500.0	ug/Kg	10/23/02	DP
Methacrylonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Methyl methacrylate	ND	100	500.0	ug/Kg	10/23/02	DP
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	10/23/02	DP
Methylene chloride	ND	100	500.0	ug/Kg	10/23/02	DP
n-Butylbenzene	4590	100	500.0	ug/Kg	10/23/02	DP
n-Propylbenzene	1970	100	500.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386810 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS02
Date Sampled: 10/21/2002
Time Sampled: 11:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Naphthalene	4240	100	500.0	ug/Kg	10/23/02	DP
p-Isopropyltoluene	4460	100	500.0	ug/Kg	10/23/02	DP
Pentachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
Propionitrile	ND	100	500.0	ug/Kg	10/23/02	DP
sec-Butylbenzene	2390	100	500.0	ug/Kg	10/23/02	DP
Styrene	ND	100	500.0	ug/Kg	10/23/02	DP
tert-Butylbenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Tetrachloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
Toluene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	10/23/02	DP
Trichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
Trichlorofluoromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Vinyl acetate	ND	100	5000.0	ug/Kg	10/23/02	DP
Vinyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Xylenes, total	3150	100	500.0	ug/Kg	10/23/02	DP
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130	
Dibromofluoromethane (sur)	105			%	70 - 130	
p-Bromofluorobenzene (sur)	113			%	70 - 130	
Toluene-d8 (sur)	100			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/22/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/22/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386810 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS02
Date Sampled: 10/21/2002
Time Sampled: 11:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Methylnaphthalene	9840	3	999.0	ug/Kg	10/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/22/02 DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/22/02 DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02 DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/22/02 DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02 DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/22/02 DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/22/02 DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02 DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/22/02 DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02 DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/22/02 DP
Acenaphthene	ND	3	999.0	ug/Kg	10/22/02 DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/22/02 DP
Anthracene	ND	3	999.0	ug/Kg	10/22/02 DP
Benzidine	ND	3	999.0	ug/Kg	10/22/02 DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/22/02 DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/22/02 DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/22/02 DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/22/02 DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/22/02 DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/22/02 DP
Benzyl alcohol	ND	3	999.0	ug/Kg	10/22/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/22/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/22/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Chrysene	ND	3	999.0	ug/Kg	10/22/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/22/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/22/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	10/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386810 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS02
Date Sampled: 10/21/2002
Time Sampled: 11:28
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Fluorene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	10/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Isophorone	ND	3	999.0	ug/Kg	10/22/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/22/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/22/02	DP
Naphthalene	2890	3	999.0	ug/Kg	10/22/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	10/22/02	DP
Phenol	ND	3	999.0	ug/Kg	10/22/02	DP
Pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	82			%	17 - 122	
2-Fluorobiphenyl (sur)	101			%	30 - 115	
2-Fluorophenol (sur)	106			%	25 - 121	
Nitrobenzene-d5 (sur)	145			%	23 - 120	
Phenol-d5 (sur)	124			%	24 - 113	
Terphenyl-d14 (sur)	91			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	392	50	250.0	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	101			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386811 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS03
Date Sampled: 10/21/2002
Time Sampled: 11:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
1030 Ignitability of Solids						
Ignitability of Solids	Passes	1		P/F	10/25/02	HK
8015 Carbon Chain I						
C06 - C10	290	1	20	mg/Kg	10/23/02	AF
C10 - C22	2730	10	300.0	mg/Kg	10/23/02	AF
C22 - C32	ND	1	50	mg/Kg	10/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	7520	100	500.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	3450	100	500.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	100	20000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	100	500.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	100	500.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386811 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS03
Date Sampled: 10/21/2002
Time Sampled: 11:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	100	500.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	100	500.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	10/23/02	DP
Acetone	ND	100	500.0	ug/Kg	10/23/02	DP
Acetonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Acrolein	ND	100	20000.0	ug/Kg	10/23/02	DP
Acrylonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Allyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Benzene	ND	100	500.0	ug/Kg	10/23/02	DP
Benzyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Bromobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Bromochloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Bromodichloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Bromoform	ND	100	500.0	ug/Kg	10/23/02	DP
Bromomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Carbon Disulfide	ND	100	500.0	ug/Kg	10/23/02	DP
Carbon tetrachloride	ND	100	500.0	ug/Kg	10/23/02	DP
Chlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Chloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
Chloroform	ND	100	500.0	ug/Kg	10/23/02	DP
Chloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	10/23/02	DP
Dibromochloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Dibromomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Ethyl benzene	1590	100	500.0	ug/Kg	10/23/02	DP
Ethyl methacrylate	ND	100	500.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	100	500.0	ug/Kg	10/23/02	DP
Iodomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Isopropylbenzene (Cumene)	1200	100	500.0	ug/Kg	10/23/02	DP
Methacrylonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Methyl methacrylate	ND	100	500.0	ug/Kg	10/23/02	DP
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	10/23/02	DP
Methylene chloride	ND	100	500.0	ug/Kg	10/23/02	DP
n-Butylbenzene	2390	100	500.0	ug/Kg	10/23/02	DP
n-Propylbenzene	2010	100	500.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386811
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:39
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS03

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Naphthalene	3390	100	500.0	ug/Kg	10/23/02 DP
p-Isopropyltoluene	2350	100	500.0	ug/Kg	10/23/02 DP
Pentachloroethane	ND	100	500.0	ug/Kg	10/23/02 DP
Propionitrile	ND	100	500.0	ug/Kg	10/23/02 DP
sec-Butylbenzene	1540	100	500.0	ug/Kg	10/23/02 DP
Styrene	ND	100	500.0	ug/Kg	10/23/02 DP
tert-Butylbenzene	ND	100	500.0	ug/Kg	10/23/02 DP
Tetrachloroethene	ND	100	500.0	ug/Kg	10/23/02 DP
Toluene	ND	100	500.0	ug/Kg	10/23/02 DP
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02 DP
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02 DP
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	10/23/02 DP
Trichloroethene	ND	100	500.0	ug/Kg	10/23/02 DP
Trichlorofluoromethane	ND	100	500.0	ug/Kg	10/23/02 DP
Vinyl acetate	ND	100	5000.0	ug/Kg	10/23/02 DP
Vinyl chloride	ND	100	500.0	ug/Kg	10/23/02 DP
Xylenes, total	3500	100	500.0	ug/Kg	10/23/02 DP
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	118			%	70 - 130
Toluene-d8 (sur)	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386811
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:39
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Methylnaphthalene	7110	3	999.0	ug/Kg	10/22/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/22/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/22/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/22/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	10/22/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/22/02	DP
Anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzidine	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/22/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Chrysene	ND	3	999.0	ug/Kg	10/22/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/22/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386811 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS03
Date Sampled: 10/21/2002
Time Sampled: 11:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Fluorene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	10/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Isophorone	ND	3	999.0	ug/Kg	10/22/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/22/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/22/02	DP
Naphthalene	2000	3	999.0	ug/Kg	10/22/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	10/22/02	DP
Phenol	ND	3	999.0	ug/Kg	10/22/02	DP
Pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	77			%	17 - 122	
2-Fluorobiphenyl (sur)	88			%	30 - 115	
2-Fluorophenol (sur)	81			%	25 - 121	
Nitrobenzene-d5 (sur)	99			%	23 - 120	
Phenol-d5 (sur)	100			%	24 - 113	
Terphenyl-d14 (sur)	86			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	302	50	250.0	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	91			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386812
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS04

Analyte	Result	DF	DLR	Units	Date/Analyst	
1030 Ignitability of Solids						
Ignitability of Solids	Passes	1		P/F	10/25/02	HK
8015 Carbon Chain I						
C06 - C10	1250	1	20	mg/Kg	10/23/02	AF
C10 - C22	2210	10	300.0	mg/Kg	10/23/02	AF
C22 - C32	ND	1	50	mg/Kg	10/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	6890	100	500.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	3330	100	500.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	100	20000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	100	500.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	100	500.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	100	500.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386812 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS04
Date Sampled: 10/21/2002
Time Sampled: 11:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Hexanone	ND	100	500.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	100	500.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	10/23/02	DP
Acetone	ND	100	500.0	ug/Kg	10/23/02	DP
Acetonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Acrolein	ND	100	20000.0	ug/Kg	10/23/02	DP
Acrylonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Allyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Benzene	ND	100	500.0	ug/Kg	10/23/02	DP
Benzyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Bromobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Bromochloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Bromodichloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Bromoform	ND	100	500.0	ug/Kg	10/23/02	DP
Bromomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Carbon Disulfide	ND	100	500.0	ug/Kg	10/23/02	DP
Carbon tetrachloride	ND	100	500.0	ug/Kg	10/23/02	DP
Chlorobenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Chloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
Chloroform	ND	100	500.0	ug/Kg	10/23/02	DP
Chloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	10/23/02	DP
Dibromochloromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Dibromomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Ethyl benzene	577	100	500.0	ug/Kg	10/23/02	DP
Ethyl methacrylate	ND	100	500.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	100	500.0	ug/Kg	10/23/02	DP
Iodomethane	ND	100	500.0	ug/Kg	10/23/02	DP
Isopropylbenzene (Cumene)	627	100	500.0	ug/Kg	10/23/02	DP
Methacrylonitrile	ND	100	500.0	ug/Kg	10/23/02	DP
Methyl methacrylate	ND	100	500.0	ug/Kg	10/23/02	DP
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	10/23/02	DP
Methylene chloride	ND	100	500.0	ug/Kg	10/23/02	DP
n-Butylbenzene	2330	100	500.0	ug/Kg	10/23/02	DP
n-Propylbenzene	936	100	500.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386812
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Naphthalene	2900	100	500.0	ug/Kg	10/23/02	DP
p-Isopropyltoluene	2710	100	500.0	ug/Kg	10/23/02	DP
Pentachloroethane	ND	100	500.0	ug/Kg	10/23/02	DP
Propionitrile	ND	100	500.0	ug/Kg	10/23/02	DP
sec-Butylbenzene	1270	100	500.0	ug/Kg	10/23/02	DP
Styrene	ND	100	500.0	ug/Kg	10/23/02	DP
tert-Butylbenzene	ND	100	500.0	ug/Kg	10/23/02	DP
Tetrachloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
Toluene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	10/23/02	DP
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	10/23/02	DP
Trichloroethene	ND	100	500.0	ug/Kg	10/23/02	DP
Trichlorofluoromethane	ND	100	500.0	ug/Kg	10/23/02	DP
Vinyl acetate	ND	100	5000.0	ug/Kg	10/23/02	DP
Vinyl chloride	ND	100	500.0	ug/Kg	10/23/02	DP
Xylenes, total	1880	100	500.0	ug/Kg	10/23/02	DP
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	116			%	70 - 130	
Dibromofluoromethane (sur)	106			%	70 - 130	
p-Bromofluorobenzene (sur)	112			%	70 - 130	
Toluene-d8 (sur)	96			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/22/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/22/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386812 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SS04
Date Sampled: 10/21/2002
Time Sampled: 11:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Methylnaphthalene	7420	3	999.0	ug/Kg	10/22/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/22/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/22/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/22/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	10/22/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/22/02	DP
Anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzidine	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/22/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Chrysene	ND	3	999.0	ug/Kg	10/22/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/22/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/22/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386812
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 11:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SS04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Fluorene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/22/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	10/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Isophorone	ND	3	999.0	ug/Kg	10/22/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/22/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/22/02	DP
Naphthalene	2040	3	999.0	ug/Kg	10/22/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	10/22/02	DP
Phenol	ND	3	999.0	ug/Kg	10/22/02	DP
Pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	74			%	17 - 122	
2-Fluorobiphenyl (sur)	87			%	30 - 115	
2-Fluorophenol (sur)	85			%	25 - 121	
Nitrobenzene-d5 (sur)	113			%	23 - 120	
Phenol-d5 (sur)	105			%	24 - 113	
Terphenyl-d14 (sur)	82			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	324	50	250.0	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	99			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386813
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 12:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SP01

Analyte	Result	DF	DLR	Units	Date/Analyst	
1030 Ignitability of Solids						
Ignitability of Solids	Passes	1		P/F	10/23/02	HK
1311/6010B TCLP (ICP Metals)						
Arsenic TCLP	ND	1	0.005	mg/L	10/24/02	KN
Barium TCLP	0.71	1	0.010	mg/L	10/24/02	KN
Cadmium TCLP	ND	1	0.005	mg/L	10/24/02	KN
Chromium TCLP	ND	1	0.010	mg/L	10/24/02	KN
Lead TCLP	ND	1	0.005	mg/L	10/24/02	KN
Selenium TCLP	0.047	1	0.005	mg/L	10/24/02	KN
Silver TCLP	0.005	1	0.005	mg/L	10/24/02	KN
1311/7470 Mercury TCLP						
Mercury TCLP	ND	1	0.01	mg/L	10/24/02	MDJ
1311/8260 TCLP Compounds Only						
1,1 Dichloroethylene TCLP	ND	1	0.005	mg/L	10/23/02	AM
1,2 Dichloroethane TCLP	ND	1	0.005	mg/L	10/23/02	AM
Benzene TCLP	ND	1	0.005	mg/L	10/23/02	AM
Carbon Tetrachloride TCLP	ND	1	0.005	mg/L	10/23/02	AM
Chlorobenzene TCLP	ND	1	0.005	mg/L	10/23/02	AM
Chloroform TCLP	ND	1	0.005	mg/L	10/23/02	AM
Methylethylketone TCLP	ND	1	0.005	mg/L	10/23/02	AM
Tetrachloroethylene TCLP	ND	1	0.005	mg/L	10/23/02	AM
Trichloroethylene TCLP	ND	1	0.005	mg/L	10/23/02	AM
Vinyl Chloride TCLP	ND	1	0.005	mg/L	10/23/02	AM
8015 Carbon Chain I						
C06 - C10	373	1	20	mg/Kg	10/22/02	AF
C10 - C22	543	1	30	mg/Kg	10/22/02	AF
C22 - C32	ND	1	50	mg/Kg	10/22/02	AF
8270C Acid/Base/Neutral Extractables						

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386813
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 12:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SP01

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/22/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/22/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/22/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/22/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/22/02	DP
2-Methylnaphthalene	3210	3	999.0	ug/Kg	10/22/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/22/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/22/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/22/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/22/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/22/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/22/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/22/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/22/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	10/22/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/22/02	DP
Anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzidine	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/22/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386813 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31SP01
Date Sampled: 10/21/2002
Time Sampled: 12:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Benzyl alcohol	ND	3	999.0	ug/Kg	10/22/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/22/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/22/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Chrysene	ND	3	999.0	ug/Kg	10/22/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/22/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/22/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/22/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	10/22/02 DP
Fluorene	ND	3	999.0	ug/Kg	10/22/02 DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/22/02 DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/22/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/22/02 DP
Hexachloroethane	ND	3	999.0	ug/Kg	10/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/22/02 DP
Isophorone	ND	3	999.0	ug/Kg	10/22/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/22/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/22/02 DP
Naphthalene	1300	3	999.0	ug/Kg	10/22/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/22/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/22/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	10/22/02 DP
Phenol	ND	3	999.0	ug/Kg	10/22/02 DP
Pyrene	ND	3	999.0	ug/Kg	10/22/02 DP

Surrogates		Units	Control Limits
2,4,6-Tribromophenol (sur)	71	%	17 - 122
2-Fluorobiphenyl (sur)	78	%	30 - 115
2-Fluorophenol (sur)	67	%	25 - 121
Nitrobenzene-d5 (sur)	87	%	23 - 120
Phenol-d5 (sur)	88	%	24 - 113
Terphenyl-d14 (sur)	86	%	18 - 137

Reactive Cyanide by SW846-7.3

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386813
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 12:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31SP01

Analyte	Result	DF	DLR	Units	Date/Analyst	
Reactive Cyanide by SW846-7.3						
Reactive Cyanide	ND	1	25	mg/Kg	10/24/02	HK
Reactive Sulfide	ND	1	100	mg/Kg	10/24/02	HK
8015M - Total Petroleum Hydrocarbons						
Gasoline	450	50	250.0	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	99			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386814
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	2400	20	400.0	mg/Kg	10/22/02	AF
C10 - C22	2090	20	600.0	mg/Kg	10/22/02	AF
C22 - C32	ND	1	50	mg/Kg	10/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1.2,3-Trichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	24800	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	9620	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1000	200000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1000	100000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Hexanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acetone	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386814
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acrolein	ND	1000	200000.0	ug/Kg	10/23/02	DP
Acrylonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Allyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Benzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Benzyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromochloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromodichloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromoform	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Carbon Disulfide	ND	1000	5000.0	ug/Kg	10/23/02	DP
Carbon tetrachloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloroform	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,2-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,3-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,4-Dichloro-2-butene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dibromochloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dibromomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dichlorodifluoromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Ethyl benzene	34900	1000	5000.0	ug/Kg	10/23/02	DP
Ethyl methacrylate	ND	1000	5000.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Iodomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Isopropylbenzene (Cumene)	7180	1000	5000.0	ug/Kg	10/23/02	DP
Methacrylonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methyl methacrylate	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methyl-tert-butylether (MTBE)	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methylene chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
n-Butylbenzene	6110	1000	5000.0	ug/Kg	10/23/02	DP
n-Propylbenzene	10500	1000	5000.0	ug/Kg	10/23/02	DP
Naphthalene	9160	1000	5000.0	ug/Kg	10/23/02	DP
p-Isopropyltoluene	4840	1000	5000.0	ug/Kg	10/23/02	DP
Pentachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Propionitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386814
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	4270	1000	5000.0	ug/Kg	10/23/02 DP
Styrene	ND	1000	5000.0	ug/Kg	10/23/02 DP
tert-Butylbenzene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Tetrachloroethene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Toluene	ND	1000	5000.0	ug/Kg	10/23/02 DP
trans-1,2-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02 DP
trans-1,3-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02 DP
trans-1,4-Dichloro-2-butene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Trichloroethene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Trichlorofluoromethane	ND	1000	5000.0	ug/Kg	10/23/02 DP
Vinyl acetate	ND	1000	50000.0	ug/Kg	10/23/02 DP
Vinyl chloride	ND	1000	5000.0	ug/Kg	10/23/02 DP
Xylenes, total	4410	1000	5000.0	ug/Kg	10/23/02 DP
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	110			%	70 - 130
Dibromofluoromethane (sur)	104			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/23/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/23/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/23/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/23/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/23/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/23/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/23/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/23/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/23/02 DP
2-Methylnaphthalene	10400	3	999.0	ug/Kg	10/23/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/23/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/23/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386814
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01
Date Sampled: 10/21/2002
Time Sampled: 07:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/23/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/23/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/23/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	10/23/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/23/02	DP
Anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzidine	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/23/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Chrysene	ND	3	999.0	ug/Kg	10/23/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/23/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Fluorene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386814
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	10/23/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/23/02 DP
Isophorone	ND	3	999.0	ug/Kg	10/23/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/23/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/23/02 DP
Naphthalene	5890	3	999.0	ug/Kg	10/23/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/23/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	10/23/02 DP
Phenol	ND	3	999.0	ug/Kg	10/23/02 DP
Pyrene	ND	3	999.0	ug/Kg	10/23/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	73			%	17 - 122
2-Fluorobiphenyl (sur)	90			%	30 - 115
2-Fluorophenol (sur)	89			%	25 - 121
Nitrobenzene-d5 (sur)	131			%	23 - 120
Phenol-d5 (sur)	120			%	24 - 113
Terphenyl-d14 (sur)	79			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	1300	100	500.0	mg/Kg	10/23/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	96			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386815
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	169	1	20	mg/Kg	10/22/02	AF
C10 - C22	309	1	30	mg/Kg	10/22/02	AF
C22 - C32	ND	1	50	mg/Kg	10/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1000	200000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1000	100000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Hexanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acetone	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386815 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX02
Date Sampled: 10/21/2002
Time Sampled: 08:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acrolein	ND	1000	200000.0	ug/Kg	10/23/02	DP
Acrylonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Allyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Benzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Benzyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromochloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromodichloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromoform	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Carbon Disulfide	ND	1000	5000.0	ug/Kg	10/23/02	DP
Carbon tetrachloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloroform	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,2-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,3-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,4-Dichloro-2-butene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dibromochloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dibromomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dichlorodifluoromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Ethyl benzene	5470	1000	5000.0	ug/Kg	10/23/02	DP
Ethyl methacrylate	ND	1000	5000.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Iodomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Isopropylbenzene (Cumene)	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methacrylonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methyl methacrylate	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methyl-tert-butylether (MTBE)	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methylene chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
n-Butylbenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
n-Propylbenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Naphthalene	5760	1000	5000.0	ug/Kg	10/23/02	DP
p-Isopropyltoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Pentachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Propionitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386815
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Styrene	ND	1000	5000.0	ug/Kg	10/23/02 DP
tert-Butylbenzene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Tetrachloroethene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Toluene	ND	1000	5000.0	ug/Kg	10/23/02 DP
trans-1,2-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02 DP
trans-1,3-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02 DP
trans-1,4-Dichloro-2-butene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Trichloroethene	ND	1000	5000.0	ug/Kg	10/23/02 DP
Trichlorofluoromethane	ND	1000	5000.0	ug/Kg	10/23/02 DP
Vinyl acetate	ND	1000	50000.0	ug/Kg	10/23/02 DP
Vinyl chloride	ND	1000	5000.0	ug/Kg	10/23/02 DP
Xylenes, total	ND	1000	5000.0	ug/Kg	10/23/02 DP
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	106			%	70 - 130
p-Bromofluorobenzene (sur)	102			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/23/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/23/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/23/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/23/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/23/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/23/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/23/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/23/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/23/02 DP
2-Methylnaphthalene	1250	3	999.0	ug/Kg	10/23/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/23/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/23/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386815
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/23/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/23/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/23/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	10/23/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/23/02	DP
Anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzidine	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/23/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Chrysene	ND	3	999.0	ug/Kg	10/23/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/23/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Fluorene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386815 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX02
Date Sampled: 10/21/2002
Time Sampled: 08:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	10/23/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Isophorone	ND	3	999.0	ug/Kg	10/23/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/23/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/23/02	DP
Naphthalene	511 J	3	999.0	ug/Kg	10/23/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	10/23/02	DP
Phenol	ND	3	999.0	ug/Kg	10/23/02	DP
Pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	73			%	17 - 122	
2-Fluorobiphenyl (sur)	69			%	30 - 115	
2-Fluorophenol (sur)	71			%	25 - 121	
Nitrobenzene-d5 (sur)	73			%	23 - 120	
Phenol-d5 (sur)	79			%	24 - 113	
Terphenyl-d14 (sur)	83			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	257	50	250.0	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	94			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386816
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	1990	10	200.0	mg/Kg	10/22/02	AF
C10 - C22	1400	10	300.0	mg/Kg	10/22/02	AF
C22 - C32	ND	1	50	mg/Kg	10/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	44400	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	13800	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1000	200000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1000	100000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Hexanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acetone	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386816
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acrolein	ND	1000	200000.0	ug/Kg	10/23/02	DP
Acrylonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Allyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Benzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Benzyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromochloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromodichloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromoform	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Carbon Disulfide	ND	1000	5000.0	ug/Kg	10/23/02	DP
Carbon tetrachloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloroform	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,2-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,3-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,4-Dichloro-2-butene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dibromochloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dibromomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dichlorodifluoromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Ethyl benzene	37200	1000	5000.0	ug/Kg	10/23/02	DP
Ethyl methacrylate	ND	1000	5000.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Iodomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Isopropylbenzene (Cumene)	10600	1000	5000.0	ug/Kg	10/23/02	DP
Methacrylonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methyl methacrylate	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methyl-tert-butylether (MTBE)	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methylene chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
n-Butylbenzene	6200	1000	5000.0	ug/Kg	10/23/02	DP
n-Propylbenzene	16400	1000	5000.0	ug/Kg	10/23/02	DP
Naphthalene	10800	1000	5000.0	ug/Kg	10/23/02	DP
p-Isopropyltoluene	8290	1000	5000.0	ug/Kg	10/23/02	DP
Pentachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Propionitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386816
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	7620	1000	5000.0	ug/Kg	10/23/02	DP
Styrene	ND	1000	5000.0	ug/Kg	10/23/02	DP
tert-Butylbenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Tetrachloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Toluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
trans-1,2-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
trans-1,3-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
trans-1,4-Dichloro-2-butene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Trichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Trichlorofluoromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Vinyl acetate	ND	1000	50000.0	ug/Kg	10/23/02	DP
Vinyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Xylenes, total	ND	1000	5000.0	ug/Kg	10/23/02	DP
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130	
Dibromofluoromethane (sur)	105			%	70 - 130	
p-Bromofluorobenzene (sur)	111			%	70 - 130	
Toluene-d8 (sur)	94			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/23/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/23/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/23/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/23/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/23/02	DP
2-Methylnaphthalene	6840	3	999.0	ug/Kg	10/23/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386816
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03
Date Sampled: 10/21/2002
Time Sampled: 08:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/23/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/23/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/23/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/23/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	10/23/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/23/02	DP
Anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzidine	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/23/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/23/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Chrysene	ND	3	999.0	ug/Kg	10/23/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/23/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/23/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/23/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	10/23/02	DP
Fluorene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/23/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386816
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	10/23/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Isophorone	ND	3	999.0	ug/Kg	10/23/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/23/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/23/02	DP
Naphthalene	4140	3	999.0	ug/Kg	10/23/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	10/23/02	DP
Phenol	ND	3	999.0	ug/Kg	10/23/02	DP
Pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	81			%	17 - 122	
2-Fluorobiphenyl (sur)	93			%	30 - 115	
2-Fluorophenol (sur)	102			%	25 - 121	
Nitrobenzene-d5 (sur)	131			%	23 - 120	
Phenol-d5 (sur)	113			%	24 - 113	
Terphenyl-d14 (sur)	113			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	1570	100	500.0	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	98			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386817
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	1110	20	400.0	mg/Kg	10/23/02	AF
C10 - C22	1720	20	600.0	mg/Kg	10/23/02	AF
C22 - C32	ND	1	50	mg/Kg	10/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	29400	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	11300	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1000	200000.0	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1000	100000.0	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
2-Hexanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acetone	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386817
Matrix: SOLID
Date Sampled: 10/21/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Acrolein	ND	1000	200000.0	ug/Kg	10/23/02	DP
Acrylonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Allyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Benzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Benzyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromochloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromodichloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromoform	ND	1000	5000.0	ug/Kg	10/23/02	DP
Bromomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Carbon Disulfide	ND	1000	5000.0	ug/Kg	10/23/02	DP
Carbon tetrachloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chlorobenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloroform	ND	1000	5000.0	ug/Kg	10/23/02	DP
Chloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,2-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,3-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
cis-1,4-Dichloro-2-butene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dibromochloromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dibromomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Dichlorodifluoromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Ethyl benzene	39400	1000	5000.0	ug/Kg	10/23/02	DP
Ethyl methacrylate	ND	1000	5000.0	ug/Kg	10/23/02	DP
Hexachlorobutadiene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Iodomethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Isopropylbenzene (Cumene)	9150	1000	5000.0	ug/Kg	10/23/02	DP
Methacrylonitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methyl methacrylate	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methyl-tert-butylether (MTBE)	ND	1000	5000.0	ug/Kg	10/23/02	DP
Methylene chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
n-Butylbenzene	5390	1000	5000.0	ug/Kg	10/23/02	DP
n-Propylbenzene	13900	1000	5000.0	ug/Kg	10/23/02	DP
Naphthalene	9730	1000	5000.0	ug/Kg	10/23/02	DP
p-Isopropyltoluene	6340	1000	5000.0	ug/Kg	10/23/02	DP
Pentachloroethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Propionitrile	ND	1000	5000.0	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386817 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 10/21/2002
Time Sampled: 08:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	5510	1000	5000.0	ug/Kg	10/23/02	DP
Styrene	ND	1000	5000.0	ug/Kg	10/23/02	DP
tert-Butylbenzene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Tetrachloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Toluene	ND	1000	5000.0	ug/Kg	10/23/02	DP
trans-1,2-Dichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
trans-1,3-Dichloropropene	ND	1000	5000.0	ug/Kg	10/23/02	DP
trans-1,4-Dichloro-2-butene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Trichloroethene	ND	1000	5000.0	ug/Kg	10/23/02	DP
Trichlorofluoromethane	ND	1000	5000.0	ug/Kg	10/23/02	DP
Vinyl acetate	ND	1000	50000.0	ug/Kg	10/23/02	DP
Vinyl chloride	ND	1000	5000.0	ug/Kg	10/23/02	DP
Xylenes, total	4610	1000	5000.0	ug/Kg	10/23/02	DP
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130	
Dibromofluoromethane (sur)	106			%	70 - 130	
p-Bromofluorobenzene (sur)	110			%	70 - 130	
Toluene-d8 (sur)	98			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	10/23/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	10/23/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	10/23/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	10/23/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	10/23/02	DP
2-Methylnaphthalene	9780	3	999.0	ug/Kg	10/23/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	10/23/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	10/23/02	DP

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Order #: 386817 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 10/21/2002
Time Sampled: 08:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	10/23/02 DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02 DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	10/23/02 DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	10/23/02 DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	10/23/02 DP
4-Chloroaniline	ND	3	999.0	ug/Kg	10/23/02 DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	10/23/02 DP
4-Methylphenol	ND	3	999.0	ug/Kg	10/23/02 DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	10/23/02 DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	10/23/02 DP
Acenaphthene	ND	3	999.0	ug/Kg	10/23/02 DP
Acenaphthylene	ND	3	999.0	ug/Kg	10/23/02 DP
Anthracene	ND	3	999.0	ug/Kg	10/23/02 DP
Benzidine	ND	3	999.0	ug/Kg	10/23/02 DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	10/23/02 DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	10/23/02 DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	10/23/02 DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	10/23/02 DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	10/23/02 DP
Benzoic Acid	ND	3	999.0	ug/Kg	10/23/02 DP
Benzyl alcohol	ND	3	999.0	ug/Kg	10/23/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	10/23/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	10/23/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	10/23/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	10/23/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	10/23/02 DP
Chrysene	ND	3	999.0	ug/Kg	10/23/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	10/23/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	10/23/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	10/23/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	10/23/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	10/23/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	10/23/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	10/23/02 DP
Fluorene	ND	3	999.0	ug/Kg	10/23/02 DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	10/23/02 DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	10/23/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	10/23/02 DP

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Order #: 386817 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 10/21/2002
Time Sampled: 08:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	10/23/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Isophorone	ND	3	999.0	ug/Kg	10/23/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	10/23/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	10/23/02	DP
Naphthalene	6440	3	999.0	ug/Kg	10/23/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	10/23/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	10/23/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	10/23/02	DP
Phenol	ND	3	999.0	ug/Kg	10/23/02	DP
Pyrene	ND	3	999.0	ug/Kg	10/23/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	82			%	17 - 122	
2-Fluorobiphenyl (sur)	93			%	30 - 115	
2-Fluorophenol (sur)	98			%	25 - 121	
Nitrobenzene-d5 (sur)	145			%	23 - 120	
Phenol-d5 (sur)	123			%	24 - 113	
Terphenyl-d14 (sur)	80			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	1330	100	500.0	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	102			%	55 - 156	

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Order #: 386818
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
1030 Ignitability of Solids						
Ignitability of Solids	N/A	1		P/F		
1311/6010B TCLP (ICP Metals)						
Arsenic TCLP	ND	1	0.005	mg/L	10/24/02	KN
Barium TCLP	ND	1	0.010	mg/L	10/24/02	KN
Cadmium TCLP	ND	1	0.005	mg/L	10/24/02	KN
Chromium TCLP	ND	1	0.010	mg/L	10/24/02	KN
Lead TCLP	ND	1	0.005	mg/L	10/24/02	KN
Selenium TCLP	0.009	1	0.005	mg/L	10/24/02	KN
Silver TCLP	ND	1	0.005	mg/L	10/24/02	KN
1311/7470 Mercury TCLP						
Mercury TCLP	ND	1	0.01	mg/L	10/24/02	MDJ
1311/8260 TCLP Compounds Only						
1,1 Dichloroethylene TCLP	ND	1	0.005	mg/L	10/23/02	AM
1,2 Dichloroethane TCLP	ND	1	0.005	mg/L	10/23/02	AM
Benzene TCLP	ND	1	0.005	mg/L	10/23/02	AM
Carbon Tetrachloride TCLP	ND	1	0.005	mg/L	10/23/02	AM
Chlorobenzene TCLP	ND	1	0.005	mg/L	10/23/02	AM
Chloroform TCLP	ND	1	0.005	mg/L	10/23/02	AM
Methylethylketone TCLP	ND	1	0.005	mg/L	10/23/02	AM
Tetrachloroethylene TCLP	ND	1	0.005	mg/L	10/23/02	AM
Trichloroethylene TCLP	ND	1	0.005	mg/L	10/23/02	AM
Vinyl Chloride TCLP	ND	1	0.005	mg/L	10/23/02	AM
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	10/22/02	AF
C10 - C22	ND	1	30	mg/Kg	10/22/02	AF
C22 - C32	ND	1	50	mg/Kg	10/22/02	AF
8260B Volatile Organic Compounds						

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386818
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	10/23/02	DP
1,1,1-Trichloroethane	ND	1	5	ug/Kg	10/23/02	DP
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	10/23/02	DP
1,1,2-Trichloroethane	ND	1	5	ug/Kg	10/23/02	DP
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	10/23/02	DP
1,1-Dichloroethane	ND	1	5	ug/Kg	10/23/02	DP
1,1-Dichloroethene	ND	1	5	ug/Kg	10/23/02	DP
1,1-Dichloropropene	ND	1	5	ug/Kg	10/23/02	DP
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	10/23/02	DP
1,2,3-Trichloropropane	ND	1	5	ug/Kg	10/23/02	DP
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	10/23/02	DP
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	10/23/02	DP
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	10/23/02	DP
1,2-Dibromoethane	ND	1	5	ug/Kg	10/23/02	DP
1,2-Dichlorobenzene	ND	1	5	ug/Kg	10/23/02	DP
1,2-Dichloroethane	ND	1	5	ug/Kg	10/23/02	DP
1,2-Dichloropropane	ND	1	5	ug/Kg	10/23/02	DP
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	10/23/02	DP
1,3-Dichlorobenzene	ND	1	5	ug/Kg	10/23/02	DP
1,3-Dichloropropane	ND	1	5	ug/Kg	10/23/02	DP
1,4-Dichlorobenzene	ND	1	5	ug/Kg	10/23/02	DP
1,4-Dioxane	ND	1	200	ug/Kg	10/23/02	DP
1-Chlorohexane	ND	1	5	ug/Kg	10/23/02	DP
2,2-Dichloropropane	ND	1	5	ug/Kg	10/23/02	DP
2-Butanone (MEK)	ND	1	100	ug/Kg	10/23/02	DP
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	10/23/02	DP
2-Chlorotoluene	ND	1	5	ug/Kg	10/23/02	DP
2-Hexanone	ND	1	5	ug/Kg	10/23/02	DP
4-Chlorotoluene	ND	1	5	ug/Kg	10/23/02	DP
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	10/23/02	DP
Acetone	ND	1	5	ug/Kg	10/23/02	DP
Acetonitrile	ND	1	5	ug/Kg	10/23/02	DP
Acrolein	ND	1	200	ug/Kg	10/23/02	DP
Acrylonitrile	ND	1	5	ug/Kg	10/23/02	DP
Allyl chloride	ND	1	5	ug/Kg	10/23/02	DP
Benzene	ND	1	5	ug/Kg	10/23/02	DP
Benzyl chloride	ND	1	5	ug/Kg	10/23/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386818
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Bromobenzene	ND	1	5	ug/Kg	10/23/02 DP
Bromochloromethane	ND	1	5	ug/Kg	10/23/02 DP
Bromodichloromethane	ND	1	5	ug/Kg	10/23/02 DP
Bromoform	ND	1	5	ug/Kg	10/23/02 DP
Bromomethane	ND	1	5	ug/Kg	10/23/02 DP
Carbon Disulfide	ND	1	5	ug/Kg	10/23/02 DP
Carbon tetrachloride	ND	1	5	ug/Kg	10/23/02 DP
Chlorobenzene	ND	1	5	ug/Kg	10/23/02 DP
Chloroethane	ND	1	5	ug/Kg	10/23/02 DP
Chloroform	ND	1	5	ug/Kg	10/23/02 DP
Chloromethane	ND	1	5	ug/Kg	10/23/02 DP
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	10/23/02 DP
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	10/23/02 DP
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/23/02 DP
Dibromochloromethane	ND	1	5	ug/Kg	10/23/02 DP
Dibromomethane	ND	1	5	ug/Kg	10/23/02 DP
Dichlorodifluoromethane	ND	1	5	ug/Kg	10/23/02 DP
Ethyl benzene	ND	1	5	ug/Kg	10/23/02 DP
Ethyl methacrylate	ND	1	5	ug/Kg	10/23/02 DP
Hexachlorobutadiene	ND	1	5	ug/Kg	10/23/02 DP
Iodomethane	ND	1	5	ug/Kg	10/23/02 DP
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	10/23/02 DP
Methacrylonitrile	ND	1	5	ug/Kg	10/23/02 DP
Methyl methacrylate	ND	1	5	ug/Kg	10/23/02 DP
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	10/23/02 DP
Methylene chloride	ND	1	5	ug/Kg	10/23/02 DP
n-Butylbenzene	ND	1	5	ug/Kg	10/23/02 DP
n-Propylbenzene	ND	1	5	ug/Kg	10/23/02 DP
Naphthalene	ND	1	5	ug/Kg	10/23/02 DP
p-Isopropyltoluene	ND	1	5	ug/Kg	10/23/02 DP
Pentachloroethane	ND	1	5	ug/Kg	10/23/02 DP
Propionitrile	ND	1	5	ug/Kg	10/23/02 DP
sec-Butylbenzene	ND	1	5	ug/Kg	10/23/02 DP
Styrene	ND	1	5	ug/Kg	10/23/02 DP
tert-Butylbenzene	ND	1	5	ug/Kg	10/23/02 DP
Tetrachloroethene	ND	1	5	ug/Kg	10/23/02 DP
Toluene	ND	1	5	ug/Kg	10/23/02 DP
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	10/23/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386818 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	10/23/02 DP
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	10/23/02 DP
Trichloroethene	ND	1	5	ug/Kg	10/23/02 DP
Trichlorofluoromethane	ND	1	5	ug/Kg	10/23/02 DP
Vinyl acetate	ND	1	50	ug/Kg	10/23/02 DP
Vinyl chloride	ND	1	5	ug/Kg	10/23/02 DP
Xylenes, total	ND	1	5	ug/Kg	10/23/02 DP
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	120			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	10/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	10/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	10/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	10/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	10/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	10/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	10/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	10/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	10/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	10/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	10/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	10/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	10/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	10/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	10/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	10/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	10/22/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	10/22/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	10/22/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	10/22/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	10/22/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	10/22/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	10/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386818
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	10/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	10/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	10/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	10/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	10/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	10/22/02	DP
Anthracene	ND	1	333	ug/Kg	10/22/02	DP
Benzidine	ND	1	333	ug/Kg	10/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	10/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	10/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	10/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	10/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	10/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	10/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	10/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	10/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	10/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	10/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	10/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	10/22/02	DP
Chrysene	ND	1	333	ug/Kg	10/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	10/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	10/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	10/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	10/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	10/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	10/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	10/22/02	DP
Fluorene	ND	1	333	ug/Kg	10/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	10/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	10/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	10/22/02	DP
Hexachloroethane	ND	1	333	ug/Kg	10/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	10/22/02	DP
Isophorone	ND	1	333	ug/Kg	10/22/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	10/22/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	10/22/02	DP
Naphthalene	ND	1	333	ug/Kg	10/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 386818
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Nitrobenzene	ND	1	333	ug/Kg	10/22/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	10/22/02	DP
Phenanthrene	ND	1	333	ug/Kg	10/22/02	DP
Phenol	ND	1	333	ug/Kg	10/22/02	DP
Pyrene	ND	1	333	ug/Kg	10/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	70			%	17 - 122	
2-Fluorobiphenyl (sur)	68			%	30 - 115	
2-Fluorophenol (sur)	66			%	25 - 121	
Nitrobenzene-d5 (sur)	79			%	23 - 120	
Phenol-d5 (sur)	73			%	24 - 113	
Terphenyl-d14 (sur)	85			%	18 - 137	
Reactive Cyanide by SW846-7.3						
Reactive Cyanide	ND	1	25	mg/Kg	10/24/02	HK
Reactive Sulfide	ND	1	100	mg/Kg	10/24/02	HK
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	10/23/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	103			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

101132

CHAIN OF CUSTODY RECORD

Date 10-21-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandergrift. Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31
PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2148
SAMPLERS: (Signature)

Samples Intact Yes 1 No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled 1 Frozen ___
Same Day ____ 24 Hr. X
Regular ____ 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31SS01	FT-31	10-21-02	1123			X	3		See attachment A & B
FT31SS02	FT-31	10-21-02	1128			X	3		See attachment A & B
FT31SS03	FT-31	10-21-02	1139			X	3		See attachment A & B
FT31SS04	FT-31	10-21-02	1155			X	3		See attachment A & B
FT31SP01	FT-31	10-21-02	1210			X	3		See attachment A
FT31EX01	FT-31	10-21-02	0745			X	3		See attachment B
FT31EX02	FT-31	10-21-02	0800			X	3		See attachment B
FT31EX03	FT-31	10-21-02	0815			X	3		See attachment B
FT31EX04	FT-31	10-21-02	0830			X	3		See attachment B

Relinquished by: (Signature) 10-21-02 1600
Received by: (Signature) Fed-ex
Date/Time

Relinquished by: (Signature) Fed-ex
Received by Laboratory for analysis: (Signature) KAHUSKA
Date/Time 0950 10-22-02

Special Instructions: Fax results to (505) 679-2148
Shipper #

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

Attachment A

Stockpile samples

Analytical Method	Parameter
EPA Modified Method 8015	TPH (DRO, GRO, ORO)
SW-846 Method 1311/8260B, 8270C, 6010, 7470	TCLP (VOCs, SVOCs, and RCRA metals)
Ignitability, Corrosivity, and Reactivity	RCRA Waste Characteristics

} TPHg ; 8015 carbon chain (C_6-C_{32})

Attachment B

EXCAVATION samples

Analytical Method	Parameter
SW-846 Method 5035/8260B	VOCs
SW-846 Method 8270C	SVOCs
EPA Modified Method 8015	TPH (DRO, GRO, ORO)

} 8015g & 8015 dc (C_6 - C_{32})

Cooler Receipt Form

Client: Foster Wheeler Project: F-31

Date Cooler Received: 10-22-02 Date Cooler Opened: 10-22-02

Was cooler scanned for presence of radioactivity? (Yes) / No

a: Was radioactivity results above 25cpm? Yes / (No)

If cooler had custody seal(s), were they signed and intact? NA / (Yes) / No

Was a shipper's packing slip attached to the cooler? (Yes) / No

Cooler was packed with: Ice X Ice Packs____ Bubble Wrap____ Styrofoam____

Paper____ None____ Other_____

Temperature of cooler: 0.2°C

*Cooler needs to be received @ 4°C with an acceptable range of 2°-6°C

Were all samples sealed in plastic bags? (Yes) / No

Did all samples arrive intact? If no, see below (Yes) / No

Were all samples labeled correctly? (ID, Dates, Times) If no, see below (Yes) / No

Can the tests required be run with provided containers? If no, see below (Yes) / No

Was sufficient volume of sample sent in all containers? (Yes) / No

Were any VOA vials received with headspace? (NA) / Yes / No

Were correct preservatives used? (NA) / Yes / No

*If no, see pH Log for a list of samples and container pH.

Any other important information: _____

_____

_____

Signed: _____ Date: 10-22-02

ASSOCIATED LABORATORIES

QA REPORT FORM

QC Sample: LR 101132

Matrix: SOLID

Prep. Date: 10/24/02

Analysis Date: 10/24/02

ID#'s in Batch: LR 101132

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD	QC Limits %REC
Reactive CN	SW846	ND	482	193	185	40	38	4	16-41
Reactive S	SW846	ND	616	232	216	38	35	7	35-65

ND = Not Detected

RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate

%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

Test	Method	PREP BLK	LCS				
		Value	Result	True	%Rec	L.Limit	H.Limit
Reactive CN	SW846	ND	381	929	41	14%	48%
Reactive S	SW846	ND	140	308	45	39%	76%

LCS Result = Lab Control Sample Result

True = True Value of LCS

L.Limit / H.Limit = LCS Control Limits

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: 101132-386813

Matrix: TCLP

Prep. Date: 10/24/02

Analysis Date: 10/24/02

ID#'s in Batch: LR 101132

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = mg/L

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
MERCURY	7470A	ND	0.02	0.021	0.023	105	115	9

RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 75 - 125
RPD LIMITS = 20

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

PREP BLK	LCS				
Value	Result	True	%Rec	L.Limit	H.Limit
ND	0.0050	0.0050	100	80%	120%

Value = Preparation Blank Value; ND = Not-Detected
LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

ASSOCIATED LABORATORIES

QA REPORT FORM (MS/MSD)

QC Sample: 101132-386813 QC# 102402 TCLP1

Matrix: TCLP

Prep. Date: 10/24/02

Analysis Date: 10/24/02

Lab ID#'s in Batch: LR 101132, 100367, 100978, 101023

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = mg/L

TEST	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Arsenic	6010	0.005	U	1.0	1.02	1.06	102	106	4
Selenium	6010	0.047		1.0	1.04	1.08	99	103	4
Lead	6010	0.005	U	1.0	0.79	0.83	79	83	5
Barium	6010	0.710		1.0	1.53	1.57	82	86	3
Cadmium	6010	0.005	U	1.0	0.87	0.89	87	89	2
Chromium	6010	0.010	U	1.0	0.88	0.90	88	90	2
Silver	6010	0.005		0.4	0.35	0.36	86	89	3

NC = Not Calculated
ND = "U" - Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS&MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

% REC LIMITS = 75 -125
RPD LIMITS = 20

LCS/MB REPORT FORM

LCS Source(s) : QC21-LOT#QC2/91/1;QC7-LOT7A92/1

Element	Method	Result	TRUE	%Rec	L.Limit	H.Limit	Method Blank MB	Method Blank ND
Arsenic	6010	2.23	2	112	80%	120%	0.005	U
Selenium	6010	2.20	2	110	80%	120%	0.009	
Lead	6010	1.99	2	100	80%	120%	0.005	U
Barium	6010	1.89	2	95	80%	120%	0.010	U
Cadmium	6010	2.02	2	101	80%	120%	0.005	U
Chromium	6010	1.99	2	100	80%	120%	0.010	U
Silver	6010	0.86	1	86	80%	120%	0.005	U

*Notes : RESULT = Sample Result; TRUE = True Value; %Rec = 100*Result/True*
L.LIMIT / H.LIMIT = Low / High Control Limits
MB = Method Blank; ND = " U " for Non- Detected

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS 102202

Matrix: SOLID

Prep. Date: 10/22/02

Analysis Date 10/22/02

ID#'s in Batch: LR 101132

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = ug/Kg

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
DIESEL	8015D	ND	500	487	487	97	97	0

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-156
Method Blank	85
LCS	105
LCSD	104

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS 102302

Matrix: SOLID

Prep. Date: 10/22/02

Analysis Date 10/22-23/02

ID#'s in Batch: LR 101132

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = ug/Kg

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	5	4.25	4.17	85	83	2

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	**55-156**
Method Blank	103
LCS	129
LCSD	126

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 10/23/02 7:28 AM

Applies to: LR 101131, 101132

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	51.24	50.16	102	100	2	22	59-172
MTBE	ND	50	44.35	45.30	89	91	2	24	62-137
Benzene	ND	50	47.05	47.17	94	94	0	24	62-137
Trichloroethene	ND	50	49.34	48.54	99	97	2	21	66-142
Toluene	ND	50	49.51	49.24	99	98	1	21	59-139
Chlorobenzene	ND	50	46.91	47.91	94	96	2	21	60-133

QC Sample: LCS # 2, 10:51 pm
Analysis Date: 10/22/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	51.81	104	59-172
MTBE	ND	50	47.95	96	62-137
Benzene	ND	50	50.28	101	62-137
Trichloroethene	ND	50	51.34	103	66-142
Toluene	ND	50	51.20	102	59-139
Chlorobenzene	ND	50	51.31	103	60-133

Method Blank = All ND

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Water Samples 7:03 am

Analysis Date: 10/24/02

Applies to: LR 101144, 101136, 100934, 10132, 101118, 101119, 101120, 101121, 101122, 101123, LR 101124, 101126, 101078, 101098, 100829, 101132

Reporting Units = ug/L

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	49.94	51.70	100	103	3	22	59-172
MTBE	ND	50	43.73	44.53	87	89	2	24	62-137
Benzene	ND	50	47.02	47.71	94	95	1	24	62-137
Trichloroethene	ND	50	49.76	50.15	100	100	1	21	66-142
Toluene	ND	50	50.11	49.30	100	99	2	21	59-139
Chlorobenzene	ND	50	46.66	46.96	93	94	1	21	60-133

QC Sample: LCS # 1, 1:02 PM
Analysis Date: 10/23/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	60.38	121	59-172
MTBE	ND	50	45.04	90	62-137
Benzene	ND	50	49.13	98	62-137
Trichloroethene	ND	50	50.91	102	66-142
Toluene	ND	50	51.94	104	59-139
Chlorobenzene	ND	50	49.56	99	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	LCS 1	MB 1	LCS	LCSD
1,2-Dichloroethane-d4	101	121	99	99
Dibromofluoromethane	107	106	108	107
Toluene-d8	101	100	102	103
p-Bromofluorobenzene	103	106	107	100

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270 / 625

QC Sample: 101132-809

Matrix: SOLID

Date Analyzed : 10/22/02

Date Extracted : 10/22/02

Applies to: LR 101132, 101017, 101076

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.4	50	48	48	95	95	0	35	26-125
2-Chorophenol	ND	50	40	37	80	74	8	50	25-125
1,4-Dichlorobenzene	ND	50	46	48	92	96	4	27	28-104
n-Nitroso-di-propylamine	0.4	50	59	60	117	119	2	38	41-126
1,2,4-Trichlorobenzene	0.3	50	46	45	91	89	2	23	38-107
4-Chloro-3-methylphenol *	0.2	50	50	53	100	106	6	33	26-103
Acenaphthene	0.7	50	33	34	65	67	3	19	31-137
4-Nitrophenol	0.4	50	34	35	67	69	3	50	11-114
2,4-Dinitrotoluene	0.1	50	40	38	80	76	5	47	28-89
Pentachlorophenol	0.1	50	21	21	42	42	0	47	17-109
Pyrene	0.1	50	50	47	100	94	6	36	35-142

***Outside QC limits**

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	32	64	26-125
2-Chlorophenol	50	30	60	25-125
1,4-Dichlorobenzene	50	33	66	28-104
n-Nitroso-di-n-propylamine	50	36	72	41-126
1,2,4-Trichlorobenzene	50	37	74	38-107
4-Chloro-3-methylphenol	50	35	70	26-103
Acenaphthene	50	34	68	31-137
4-Nitophenol	50	14	28	11-114
2,4-Dinitrotoluene	50	35	70	28-89
Pentachlorophenol	50	11	22	17-109
Pyrene	50	37	74	35-142

Method Blank = All ND

ASSOCIATED LABORATORIES

EPA 8260 / 624 - SURROGATE RECOVERY

Lab Request / Order: 101132

Analysis Date: 10/23/02
Matrix: SOLID

Sample No.(Order)	(DCA)	(DBF)	(BFB)	(TOL)
MB #2 (10/22/02)	120	107	102	106
LCS #2 (10/22/02)	106	108	98	102
LCS Soil (10/23/02)	102	105	100	104
LCSD Soil (10/23/02)	102	105	101	104
101132-809	117	104	100	129
101132-810	118	105	100	113
101132-811	117	107	98	118
101132-812	116	106	96	112
101132-814	110	104	99	106
101132-815	119	106	99	102
101132-816	113	105	94	111
101132-817	114	106	98	110

Analysis Date: 10/24/02
Matrix: WATER/TCLP

Sample No.(Order)	(DCA)	(DBF)	(BFB)	(TOL)
MB #1 (10/23/02)	121	106	100	106
LCS #1 (10/23/02)	101	107	101	103
LCS Water (10/24/02)	99	108	102	107
LCSD Water (10/24/02)	99	107	103	100
101132-813 TCLP	124	110	94	107

(DBF) = Dibromofluoromethane
(DCA) = 1,2-Dichloroethane-d4
(TOL) = Toluene-d8
(BFB) = p-Bromofluorobenzene

QC Limits: 70-130

ASSOCIATED LABORATORIES

EPA 8270 - SURROGATE RECOVERY

Lab Request / Order: 101132
Analysis Date:10/22-23/02
Matrix: SOLID

Sample No.(Order)	2,4,6-Tribromophenol	2-Fluorobiphenyl	2-Fluorophenol	Nitrobenzene-d5	Phenol-d5	Terphenyl-d14
QC Limits	**17-122**	**30-115**	**25-121**	**13-120**	**24-113**	**18-137**
MB 101132	70	68	66	79	73	85
LCS 101132	66	73	59	82	74	68
101132-809	91	102	111	**122***	**119***	101
101132-809 MS	94	106	85	115	106	93
101132-809 MSD	89	100	85	119	106	91
101132-810	82	101	106	**145***	**124***	91
101132-811	77	88	81	99	100	86
101132-812	74	87	85	113	105	82
101132-813	71	78	67	87	88	86
101132-814	73	90	89	**131***	**120***	79
101132-815	73	69	71	73	79	83
101132-816	81	93	102	**131***	113	113
101132-817	82	93	98	**145***	**123***	80

***Outside QC limits, due to matrix interference**

Method 1030:

Ignitability of Solids

ASSOCIATED LABORATORIES

Method 1030: Ignitability of Solids

Sample Number: 101132 / 386809
Analysis Date: 10/25
Analyst: HC

Sample: Soil

Test Conditions:

Sample temperature,(deg C)	23
Air velocity of hood (m/sec)	0.7
Flame temperature (deg C)	1000
Preliminary Burning Time:	does not ignite

IGNITABILITY TEST DATA				
Test Number	Time elapsed between applying flame and ignition	Burning time for 100 mm	Burning Rate mm/sec	Comments:

[redacted]

Method 1030: Ignitability of Solids

Sample Number: 101132/386810
Analysis Date: 10/25
Analyst: HC

Sample: Solid

Test Conditions:
Sample temperature,(deg C) 23
Air velocity of hood (m/sec) 0.7
Flame temperature (deg C) 1100
Preliminary Burning Time: does not ignite

IGNITABILITY TEST DATA				
Test Number	Time elapsed between applying flame and ignition	Burning time for 100 mm	Burning Rate mm/sec	Comments:

ASSOCIATED LABORATORIES

Method 1030: Ignitability of Solids

Sample Number: 101132/326811
Analysis Date: 10/25
Analyst: AK

Sample: Solid

Test Conditions:

Sample temperature,(deg C)	23
Air velocity of hood (m/sec)	0.7
Flame temperature (deg C)	1000
Preliminary Burning Time:	does not ignite

IGNITABILITY TEST DATA				
Test Number	Time elapsed between applying flame and ignition	Burning time for 100 mm	Burning Rate mm/sec	Comments:

ASSOCIATED LABORATORIES

Method 1030: Ignitability of Solids

Sample Number: 101132/386812
Analysis Date: 10/25
Analyst: HK

Sample: Solid

Test Conditions:

Sample temperature,(deg C) 23
Air velocity of hood (m/sec) 0.7
Flame temperature (deg C) 1000
Preliminary Burning Time: does not ignite

IGNITABILITY TEST DATA				
Test Number	Time elapsed between applying flame and ignition	Burning time for 100 mm	Burning Rate mm/sec	Comments:

ASSOCIATED LABORATORIES

Method 1030: Ignitability of Solids

Sample Number: 101 132/386813
Analysis Date: 10/23
Analyst : HK

Sample : Solid

Test Conditions:

Sample temperature,(deg C) @ 23
Air velocity of hood (m/sec) 0.7
Flame temperature (deg C) 1000
Preliminary Burning Time: does not ignite

IGNITABILITY TEST DATA				
Test Number	Time elapsed between applying flame and ignition	Burning time for 100 mm	Burning Rate mm/sec	Comments:

ASSOCIATED LABORATORIES

NARRATIVE

Date: November 5, 2002

Narrative for Lab Request LR: 101132

Client Project Identification:
Project: FT-31.
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- Method 1030 – Ignitability of Solids.
- SW846-7.3 – Reactive Cyanide & Sulfide.
- EPA 1311/7470A – TCLP Mercury.
- EPA 1311/6010B – TCLP Metals.
- EPA 8015M – THP (Gasoline).
- EPA 8015 – Carbon Chain I.
- EPA 8260 – Volatile Organic Compounds.
- EPA 1311/8260 – TCLP VOCs.
- EPA 8270 – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
Initial calibration criteria were met for all analytes. Initial and Continuing Calibration Check samples were run at the required frequency. All results were within required limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 1311/6010B TCLP:** Trace levels of Selenium were detected in the Method Blanks. Corrective action: No corrective action necessary. The MS/MSD, LCS, and all remaining Method Blanks conformed. The trace levels of Selenium in the Method Blank was two orders of magnitude less than the TCLP regulatory limit for Selenium (1 mg/L), which should not affect the integrity of the analytical data. All the LCS and the remaining Method Blanks conformed, which suggests that the slight levels of Selenium were due to carryover and not due to contamination.

ASSOCIATED LABORATORIES

NARRATIVE

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8270C:** The MSD for 4-Chloro-3-methylphenol was slightly outside control limits. Additionally, Nitrobenzene-d5 and Phenol-d5 surrogates were outside limits in samples #809, 810, 814 and 817. Also, the surrogate recovery for Nitrobenzene-d5 was outside control limits in sample #816. This was due to matrix interference. Corrective action: No corrective action needed. LCS, Method Blanks, and the bulk of MS/MSD and surrogate recoveries were within acceptable limits.

- **EPA 7470A, 8260, 8015M (TPH), 8015 (CCI) & SW846-7.3:** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Associated Laboratories
806 N. Batavia
Orange, CA 92868

Phone: 714-771-6900
Fax: 714-538-1209

LAB REQUEST: 101132

CLIENT: Foster Wheeler Environmental Corp.

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EPA 8270 - Data ..... 294 - 351

SW 846-7.3:

Reactive Cyanide & Sulfide

Reactive Sulfide 10/24

Reagent : 0.1 N I_3

0.025 N $Na_2S_2O_3$

Standard : Zinc Sulfide, Spectrum LOT 0236

blank: 20 ml

Standard : 10 ml → 12.3 ml

$$c: \frac{(20 - 12.3)(0.025)(16000)}{10} \quad 308 \text{ mg/L}$$

LCS: 20 ml / 200 → 100 → 16.5 ml c: 140

10113 2 FOSTER WHEELER

10 g / 200 ml → 100 ml ⇒ 20 ml c: ND

Spike 10 g + 20 ml 308 ppm / 200 → 100 ml → 17.1 ml c: 232 mg/kg

duplicate (same as above) → 17.3 ml c: 216 mg/kg.

SH $\frac{20 \times 308}{10}$ 616

HC

Reactive CN

LCS 5 ml STD / 200 ml 0.5 / 25 A: 0.295

$$c: 0.295 + 0.0096 \times \frac{200}{1.60} \times \frac{25}{5} \times \frac{0.5}{0.5} \quad 381 \text{ mg/kg}$$

TV: 929 ppm

R. CN

LCS

132 Spike

10113 2 FOSTER WHEELER

10 g / 200 A: 0.004 c: ND

Spike 10 g + 5 ml STD 964 ppm / 200 → 0.5 / 25 ml A: 0.299

c: 193 mg/kg.

000006

duplicate Spike (same as above) A: 0.286 , c: 185 mg/kg.

06-25-01

cyanide

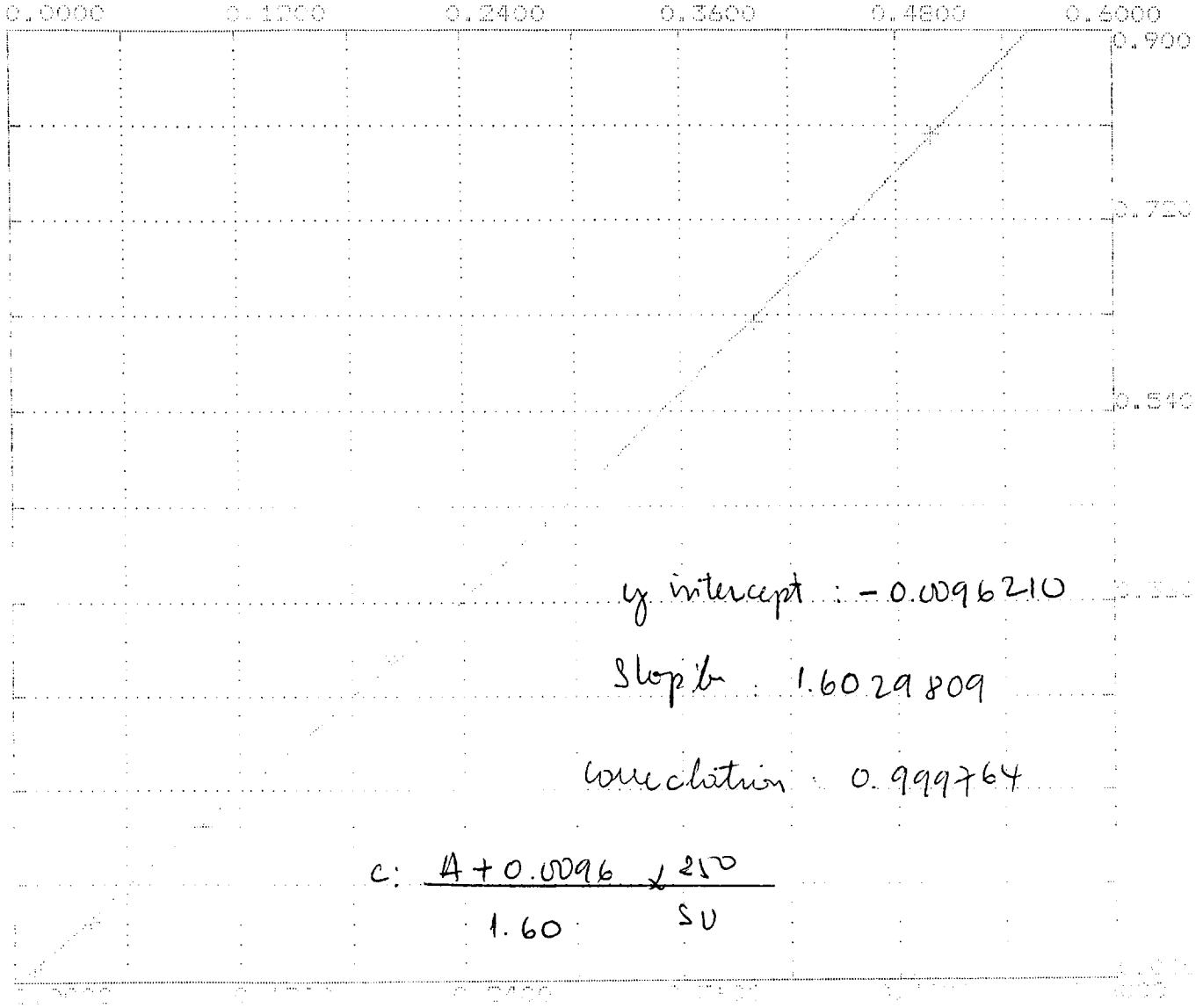
Method 9010A, 335.2

HK

DECKMAN

DU-650 SPECTROPHOTOMETER

PLANT II



y intercept : -0.0096210

Slop b : 1.6029809

correlation : 0.999764

$$c: \frac{A + 0.0096}{1.60} \times \frac{210}{SU}$$

000007

ASSOCIATED LABORATORIES

Extraction of Soil for Soluble Sulfate and Chloride

Sample Preparation: **Date:** 10/23/02

Sample Weight: 50.0 grams
Dilution Volume: 250 ml.

SAMPLE NUMBER: A 101132 – 386813

Percent Solids: Oven Temp 105 Degrees C

Sample+Container Dry Weight:	9.1239	g	Sample Dry Weight:	7.7986	g
Sample+Container Wet Weight:	10.9735	g	Sample Wet Weight:	9.6482	g
Container Weight:	1.3253	g	Percent Solids:	.81	%

SAMPLE NUMBER:

Percent Solids: Oven Temp 105 Degrees C

Sample+Container Dry Weight:		g	Sample Dry Weight:		g
Sample+Container Wet Weight:		g	Sample Wet Weight:		g
Container Weight:		g	Percent Solids:		%

SAMPLE NUMBER:

Percent Solids: Oven Temp 105 Degrees C

Sample+Container Dry Weight:		g	Sample Dry Weight:		g
Sample+Container Wet Weight:		g	Sample Wet Weight:		g
Container Weight:		g	Percent Solids:		%

SAMPLE NUMBER:

Percent Solids: Oven Temp 105 Degrees C

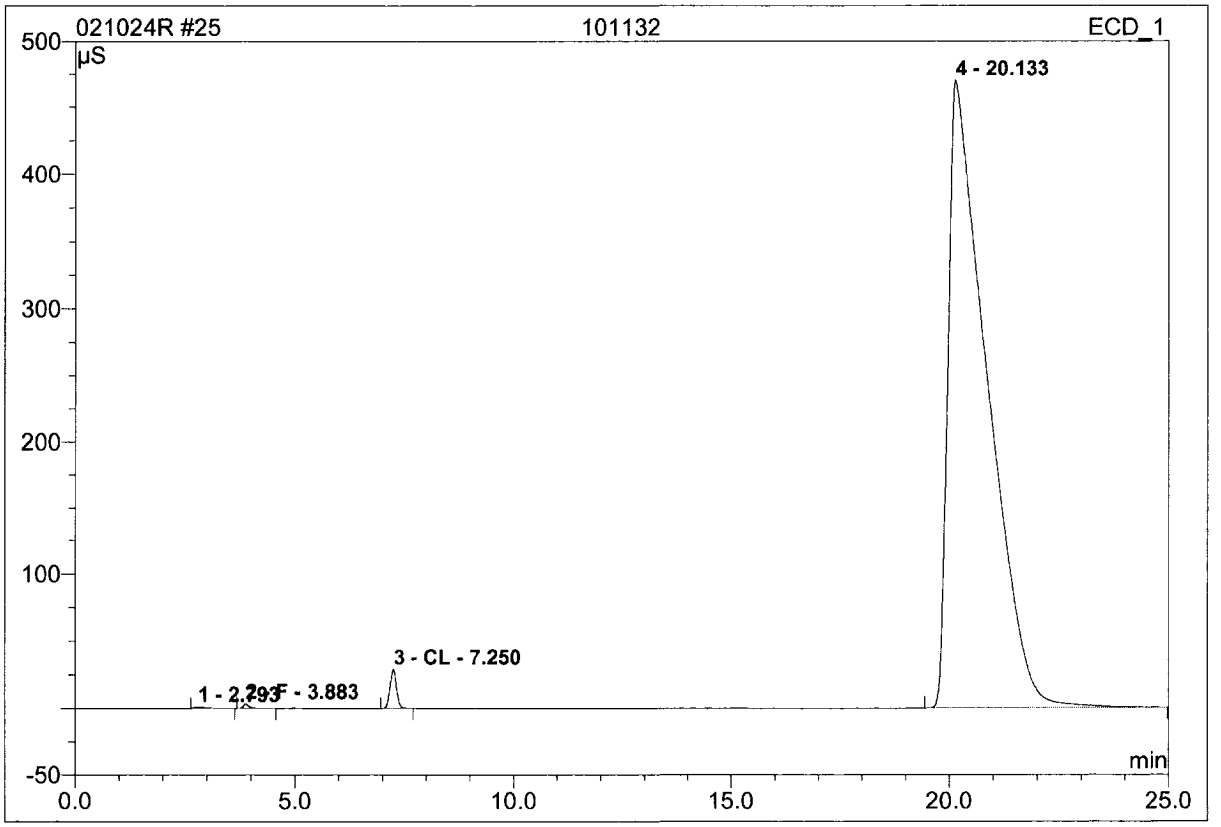
Sample+Container Dry Weight:		g	Sample Dry Weight:		g
Sample+Container Wet Weight:		g	Sample Wet Weight:		g
Container Weight:		g	Percent Solids:		%

"Method of Testing Soils and Waters for Sulfate Content,"

25 101132

foster wheeler 1:5

Sample Name:	**101132**	*Injection Volume:*	**10.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CD20 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CD20 METHOD**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/24/2002 21:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**25.00**	*Sample Amount:*	**1.0000**

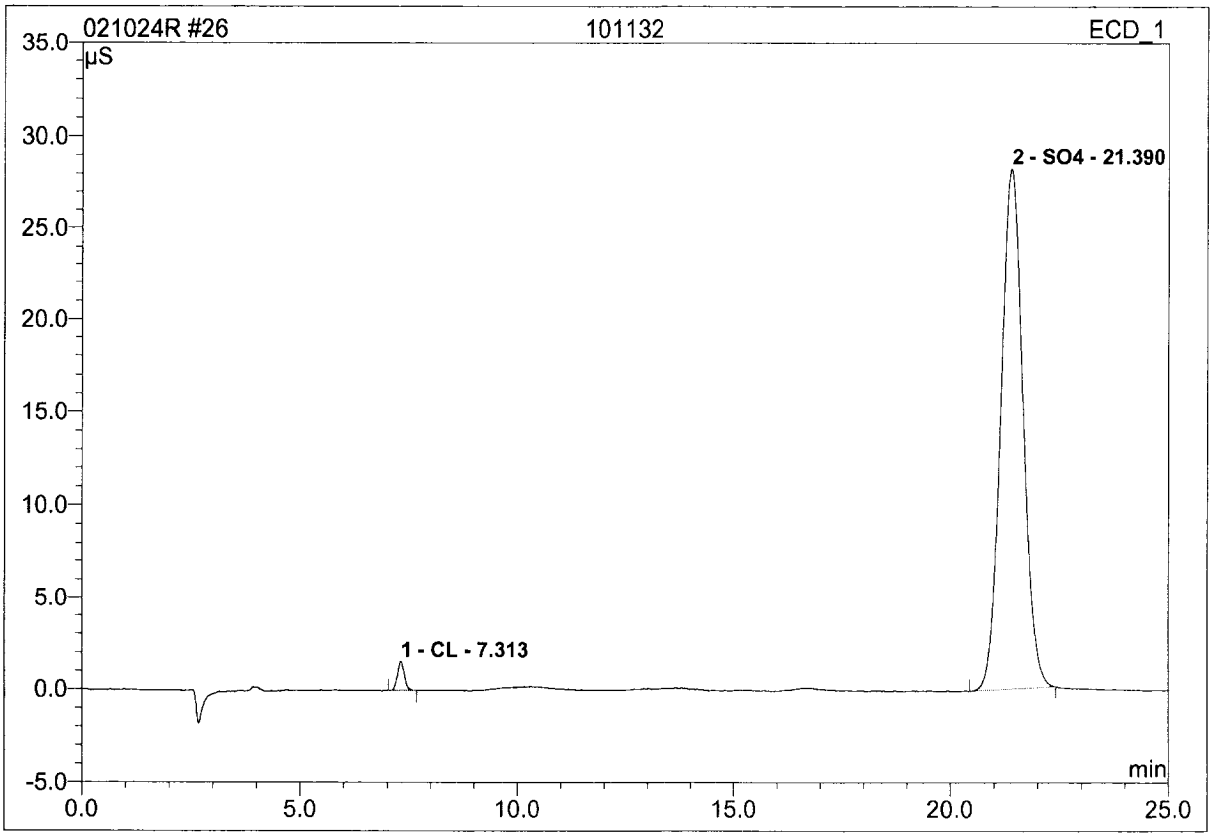


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	n.a.	1.262	0.375	0.08	n.a.	BMB
2	3.88	F	3.284	0.489	0.10	1.506	BMB
3	7.25	CL	28.948	5.014	1.03	19.321	BMB
4	20.13	n.a.	470.188	481.353	98.79	n.a.	BMB
Total:			503.681	487.231	100.00	20.827	

26 101132

foster wheeler 1:5

Sample Name:	**101132**	*Injection Volume:*	**10.0**
Vial Number:	**0**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**CD20 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**CD20 METHOD**	*Dilution Factor:*	**20.0000**
Recording Time:	**10/24/2002 21:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**25.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	7.31	CL	1.587	0.291	1.72	22.415	BMB
2	21.39	SO4	28.256	16.609	98.28	2070.994	BMB
Total:			29.843	16.900	100.00	2093.410	

Sol SO_4 = $\frac{2070.9 \times 5}{.81} \div 10000 = 1.278$

EPA 7470A:

Mercury TCLP

Sample Information File C:\AAUSER\SAMPINFO\021024B.SIF

Description : samples october 24-2002
Batch ID :
Volume Units : mL
Weight Units : g
Analyst : mdj
Sample Volume : 100.00

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
9	pbw		mg/L	1.0000	
10	tclp blk		mg/L	20.0000	
11	101132-386813 tclp		mg/L	20.0000	foster wheeler
12	101132-386813 ms		mg/L	20.0000	"
13	101132-386813 msd		mg/L	20.0000	"
14	101078-386684		mg/L	1.0000	reynolds
15	101078-386684 ms		mg/L	2.0000	"
16	101078-386684 msd		mg/L	2.0000	"
17	101205-387194		mg/L	1.0000	water exp.
18	101020-386437		mg/L	1.0000	w.drum
19	101020-386437		mg/L	2.0000	

000011

Method Name: Mercury Water
Method Description: Water Method for Hg
Element: Hg

Date: 10/24/2002
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: 021024B.SIF Results Data Set Name: 021024b

Element: Hg Seq. No.: 22 AS Loc.: 1 Date: 10/24/2002
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1			0.0006	0.0006	02:42:48	Yes
2			0.0009	0.0009	02:43:17	No
Mean:			0.0007			
SD :			0.0002			
%RSD:			28.4670			

Auto-zero performed.

Element: Hg Seq. No.: 23 AS Loc.: 2 Date: 10/24/2002
Sample ID: Standard 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1			0.0039	0.0047	02:44:03	Yes
2			0.0041	0.0048	02:44:32	No
Mean:			0.0040			
SD :			0.0001			
%RSD:			2.7875			

[Hg] Standard number 1 applied. [0.4000]
Correlation Coefficient: 1.00000 Slope: 0.01004

Element: Hg Seq. No.: 24 AS Loc.: 3 Date: 10/24/2002
Sample ID: Standard 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1			0.0108	0.0115	02:45:17	Yes
2			0.0107	0.0114	02:45:46	No
Mean:			0.0107			
SD :			0.0001			
%RSD:			0.6787			

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99835 Slope: 0.01064

Element: Hg Seq. No.: 25 AS Loc.: 4 Date: 10/24/2002
Sample ID: Standard 3

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1			0.0333	0.0340	02:46:32	Yes
2			0.0331	0.0338	02:47:01	No
Mean:			0.0332			
SD :			0.0002			
%RSD:			0.4750			

[Hg] Standard number 3 applied. [3.000]
Correlation Coefficient: 0.99973 Slope: 0.01101

000012

Element: Hg Seq. No.: 26 AS Loc.: 5 Date: 10/24/2002
Sample ID: Standard 4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1			0.0572	0.0580	02:47:48	Yes
2			0.0577	0.0585	02:48:17	No
Mean:			0.0575			
SD :			0.0003			
%RSD:			0.6080			

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99942 Slope: 0.01136

Element: Hg Seq. No.: 27 AS Loc.: 6 Date: 10/24/2002
Sample ID: Standard 5

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1			0.1146	0.1153	02:49:28	Yes
2			0.1140	0.1148	02:49:57	No
Mean:			0.1143			
SD :			0.0004			
%RSD:			0.3523			

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99987 Slope: 0.01141

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0007	----	----	----	----
Standard 1	0.0040	0.4000	0.3518	0.00011	2.8
Standard 2	0.0107	1.0000	0.9408	0.00007	0.7
Standard 3	0.0332	3.0000	2.906	0.00016	0.5
Standard 4	0.0575	5.0000	5.036	0.00035	0.6
Standard 5	0.1143	10.0000	10.02	0.00040	0.4
Calib Blank	0.0007	----	----	----	----
Correlation Coefficient: 0.99987		Slope:	0.01141	----	

000013

%RSD:	76.9	76.9	76.9367

Element: Hg Seq. No.: 31 AS Loc.: 10 Date: 10/24/2002
Sample ID: tclp blk

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0000	0.0013	0.0000	0.0008	02:55:27	Yes
2	-0.0001	-0.0073	-0.0001	0.0007	02:55:56	No
Mean:	-0.0001	-0.0030	0.0000			
SD :	0.00012	0.00610	0.0001			
%RSD:	201.4	201.4	201.4304			

Element: Hg Seq. No.: 32 AS Loc.: 11 Date: 10/24/2002
Sample ID: 101132-386813 tclp

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0002	0.0099	0.0001	0.0009	02:56:41	Yes
2	0.0002	0.0115	0.0001	0.0009	02:57:10	No
Mean:	0.0002	0.0107	0.0001			
SD :	0.00002	0.00115	0.0000			
%RSD:	10.7	10.7	10.7235			

Element: Hg Seq. No.: 33 AS Loc.: 12 Date: 10/24/2002
Sample ID: 101132-386813 ms

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0214	1.068	0.0122	0.0129	02:57:54	Yes
2	0.0213	1.066	0.0122	0.0129	02:58:24	No
Mean:	0.0213	1.067	0.0122			
SD :	0.00003	0.00131	0.0000			
%RSD:	0.1	0.1	0.1229			

Element: Hg Seq. No.: 34 AS Loc.: 13 Date: 10/24/2002
Sample ID: 101132-386813 msd

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0227	1.137	0.0130	0.0137	02:59:08	Yes
2	0.0226	1.130	0.0129	0.0136	02:59:37	No
Mean:	0.0227	1.134	0.0129			
SD :	0.00009	0.00460	0.0001			
%RSD:	0.4	0.4	0.4056			

Element: Hg Seq. No.: 35 AS Loc.: 14 Date: 10/24/2002
Sample ID: 101078-386684

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0001	0.0727	0.0008	0.0016	03:00:22	Yes
2	0.0001	0.0964	0.0011	0.0018	03:00:51	No
Mean:	0.0001	0.0846	0.0010			
SD :	0.00002	0.01672	0.0002			
%RSD:	19.8	19.8	19.7670			

Element: Hg Seq. No.: 36 AS Loc.: 15 Date: 10/24/2002
Sample ID: 101078-386684 ms

000014

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0021	1.043	0.0119	0.0127	03:01:37	Yes
2	0.0021	1.041	0.0119	0.0126	03:02:05	No
Mean:	0.0021	1.042	0.0119			
SD :	0.00000	0.00139	0.0000			
%RSD:	0.1	0.1	0.1337			

Element: Hg Seq. No.: 37 AS Loc.: 16 Date: 10/24/2002
Sample ID: 101078-386684 msd

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0020	1.023	0.0117	0.0124	03:02:50	Yes
2	0.0021	1.032	0.0118	0.0125	03:03:19	No
Mean:	0.0021	1.027	0.0117			
SD :	0.00001	0.00658	0.0001			
%RSD:	0.6	0.6	0.6408			

Element: Hg Seq. No.: 38 AS Loc.: 17 Date: 10/24/2002
Sample ID: 101205-387194

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0000	-0.0173	-0.0002	0.0005	03:04:07	Yes
2	0.0000	-0.0139	-0.0002	0.0006	03:04:37	No
Mean:	0.0000	-0.0156	-0.0002			
SD :	0.00000	0.00243	0.0000			
%RSD:	15.6	15.6	15.5904			

Element: Hg Seq. No.: 39 AS Loc.: 18 Date: 10/24/2002
Sample ID: 101020-386437

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0113	11.29	0.1288	0.1295	03:05:21	Yes
Sample absorbance is greater than that of the highest standard.						
2	0.0112	11.22	0.1280	0.1288	03:05:50	No
Sample absorbance is greater than that of the highest standard.						
Mean:	0.0113	11.25	0.1284			
SD :	0.00005	0.04604	0.0005			
%RSD:	0.4	0.4	0.4092			
Sample absorbance is greater than that of the highest standard.						

Element: Hg Seq. No.: 40 AS Loc.: 5 Date: 10/24/2002
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	5.033	5.033	0.0574	0.0582	03:06:59	Yes
2	5.031	5.031	0.0574	0.0582	03:07:28	No
Mean:	5.032	5.032	0.0574			
SD :	0.00077	0.00077	0.0000			
%RSD:						
QC value within specified limits.						

Element: Hg Seq. No.: 41 AS Loc.: 8 Date: 10/24/2002
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored

000015

1	-0.0038	-0.0038	0.0000	0.0007	03:08:40	Yes
2	-0.0034	-0.0034	0.0000	0.0007	03:09:10	No
Mean:	-0.0036	-0.0036	0.0000			
SD :	0.00030	0.00030	0.0000			
%RSD:	8.4	8.4	8.3637			

QC value within specified limits.

==========

Element: Hg Seq. No.: 42 AS Loc.: 19 Date: 10/24/2002
Sample ID: 101020-386437

Repl #	SampleConc mg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	0.0111	5.542	0.0633	0.0640	03:09:57	Yes
2	0.0109	5.469	0.0624	0.0632	03:10:26	No
Mean:	0.0110	5.505	0.0628			
SD :	0.00010	0.05228	0.0006			
%RSD:	0.9	0.9	0.9497			

==========

Element: Hg Seq. No.: 43 AS Loc.: 5 Date: 10/24/2002
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	5.019	5.019	0.0573	0.0580	03:11:35	Yes
2	5.004	5.004	0.0571	0.0579	03:12:04	No
Mean:	5.012	5.012	0.0572			
SD :	0.01054	0.01054	0.0001			
%RSD:	0.2	0.2	0.2103			

QC value within specified limits.

==========

Element: Hg Seq. No.: 44 AS Loc.: 8 Date: 10/24/2002
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Height	Time	Peak Stored
1	-0.0022	-0.0022	0.0000	0.0007	03:13:15	Yes
2	-0.0045	-0.0045	-0.0001	0.0007	03:13:44	No
Mean:	-0.0033	-0.0033	0.0000			
SD :	0.00161	0.00161	0.0000			
%RSD:	48.5	48.5	48.5141			

QC value within specified limits.

000016

ASSOCIATED LABORATORIES, INC

MERCURY PREPARATION / ANALYSIS LOG

Batch No. 021024 B
Method 245.1/7470A
Analyst Mat
Matrix TCLP + Water
Date: 10-24-02
Digest Temp 95° C for 2 hrs
10:30 - 1:30 p.m

Reagents:
H2SO4 Fisher lot 3101070
HNO3 Fisher lot 102060
KMnO4 lot 21275 Q
NH2OH Lot 21075 Q
K2S2O8 lot 20111 Q
SnCl2 lot 22020 Q
3% HCl Fisher lot 4102020
[redacted] fisher

Comments: all reagent from Fluoro Tech scientific

Sample Number	Sample pH	Initial Wt/Vol	Final Volume	Peak Ht/Area	Result	Comments
Blank			100 ml			
Standard 1	0.4 ppb					
Standard 2	1.0 "					
Standard 3	3.0 "					
Standard 4	5.0 "					
Standard 5	10.0 "					
ICV					5.106	102%
ICB					N.D	
PBW					N.D	
TCLP BLK					N.D	
101132-386813	TCLP				N.D	
386813	MS	8ml : 1ml x 0.1 ppm	= 0.02		0.021	105%
386813	MSD		5ml		0.023	115%
101078-386684					N.D	
386684	MS	8ml : 1ml x 0.1 ppm	= 0.002		0.0021	
386684	MSD		5ml		0.0021	
101205-387194					N.D	
101020-386437	→ 1:1	client request	20 gr 80 gr	Sample Matrix	OVER CALIB.	0.0113
CW1					5.032	
CWB1					N.D	

F. Whalen
Reynolds
H2O Lab
W. Drum

hgform.

EPA 6010:

Metals

TCLP

1.6	15.0	483912.0
2.0	15.0	519508.7
2.0	10.0	510.1
2.0	10.5	2542.0
2.0	11.0	6843.5
2.0	11.5	14290.4
2.0	12.0	26745.1
2.0	12.5	70715.9
2.0	13.0	107662.1
2.0	13.5	160343.5
2.0	14.0	232035.0
2.0	14.5	407912.6
2.0	15.0	524715.7
2.0	15.5	599383.8
2.0	16.0	651770.5
2.0	16.5	605627.1
2.0	17.0	505483.0
2.0	17.5	409006.2
2.0	18.0	321882.6
2.0	18.5	246821.7
2.0	19.0	120506.5
2.0	19.5	82436.7
2.0	20.0	54324.3
1.2	16.0	579022.9
1.6	16.0	635941.1
2.0	16.0	672946.2
2.4	16.0	607401.1
2.8	16.0	532728.1
2.0	14.0	234957.2
2.0	14.5	414726.3
2.0	15.0	502732.8
2.0	15.5	601044.9
2.0	16.0	657730.6
2.0	16.5	610385.5
2.0	17.0	519539.8
2.0	17.5	435059.2
2.0	18.0	327736.9

10/24/2002 11:40:37 aligned for analyte Mn 257.610
X viewing position set to 2.0 mm having Peak intensity 657730.6 for Axial viewing
Y viewing position set to 16.0 mm having Peak intensity 657730.6 for Axial viewing

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Align View XY Axial for analyte Mn 257.610

X-position	Y-position	Intensity
-2.0	15.0	237683.7
-1.6	15.0	335668.7
-1.2	15.0	453044.9
-0.8	15.0	543893.4
-0.4	15.0	617683.4
0.0	15.0	641502.7
0.4	15.0	615803.3
0.8	15.0	548342.9
1.2	15.0	437703.5
1.6	15.0	344710.0
2.0	15.0	248582.7
0.0	10.0	2705.5
0.0	10.5	14384.0
0.0	11.0	26895.6
0.0	11.5	44246.5
0.0	12.0	71900.5
0.0	12.5	152049.6
0.0	13.0	225748.6
0.0	13.5	312319.2
0.0	14.0	406390.7
0.0	14.5	591812.6
0.0	15.0	660755.7
0.0	15.5	646595.1
0.0	16.0	618135.3
0.0	16.5	418578.8
0.0	17.0	325590.8

0.0	17.5	248351.8
0.0	18.0	174132.3
0.0	18.5	124051.1
0.0	19.0	53910.3
0.0	19.5	29539.5
0.0	20.0	12147.6
-0.8	15.0	565369.4
-0.4	15.0	640007.8
0.0	15.0	644784.9
0.4	15.0	608116.9
0.8	15.0	526122.0
0.0	13.0	234851.9
0.0	13.5	311255.2
0.0	14.0	404371.5
0.0	14.5	600988.3
0.0	15.0	640903.8
0.0	15.5	640705.7
0.0	16.0	598173.5
0.0	16.5	420893.4
0.0	17.0	332241.9

10/24/2002 11:42:51 aligned for analyte Mn 257.610
X viewing position set to 0.0 mm having Peak intensity 640903.8 for Axial viewing
Y viewing position set to 15.0 mm having Peak intensity 640903.8 for Axial viewing

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Align View X Radial for analyte Mn 257.610

X-position	Y-position	Intensity
-7.0	15.0	758.8
-6.5	15.0	1230.2
-6.0	15.0	2118.7
-5.5	15.0	3867.6
-5.0	15.0	7763.5
-4.5	15.0	14062.0
-4.0	15.0	26206.1
-3.5	15.0	40805.8
-3.0	15.0	56991.7
-2.5	15.0	66670.5
-2.0	15.0	85718.3
-1.5	15.0	130142.0
-1.0	15.0	222213.8
-0.5	15.0	259886.8
0.0	15.0	259543.7
0.5	15.0	231954.6
1.0	15.0	181402.4
1.5	15.0	128552.8
2.0	15.0	78108.4
2.5	15.0	42854.4
3.0	15.0	16510.2
3.5	15.0	11060.9
4.0	15.0	8589.7
4.5	15.0	5097.2
5.0	15.0	2941.4
5.5	15.0	1621.0
6.0	15.0	817.5
6.5	15.0	360.8
7.0	15.0	178.7

10/24/2002 11:45:06 aligned for analyte Mn 257.610
X viewing position set to -0.5 mm having Peak intensity 259886.8 for Radial viewing

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Align View X Radial for analyte Mn 257.610

X-position	Y-position	Intensity
-7.0	15.0	404.4
-6.5	15.0	741.7
-6.0	15.0	1217.9
-5.5	15.0	2123.1
-5.0	15.0	3819.3
-4.5	15.0	7503.0
-4.0	15.0	14619.3

-3.5	15.0	25571.3
-3.0	15.0	41576.9
-2.5	15.0	56983.9
-2.0	15.0	67986.6
-1.5	15.0	85479.4
-1.0	15.0	132445.9
-0.5	15.0	220890.4
0.0	15.0	263067.5
0.5	15.0	259670.0
1.0	15.0	231214.5
1.5	15.0	182356.3
2.0	15.0	135090.5
2.5	15.0	79842.8
3.0	15.0	40554.6
3.5	15.0	16919.4
4.0	15.0	11172.4
4.5	15.0	8352.5
5.0	15.0	4578.2
5.5	15.0	2694.5
6.0	15.0	1286.0
6.5	15.0	596.6
7.0	15.0	219.4

10/24/2002 11:47:28 aligned for analyte Mn 257.610
X viewing position set to 0.0 mm having Peak intensity 263067.5 for Radial viewing

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Analysis Begun

Start Time: 10/24/2002 11:56:26
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV
Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-23-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

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Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 10/24/2002 11:56:26
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	624.2	149.50	23.95%	[0.00]	mg/L
Al 308.215	3397.9	29.59	0.87%	[0.00]	mg/L
As 188.979	-6.6	1.41	21.37%	[0.00]	mg/L
B 249.677	-247.1	80.27	32.48%	[0.00]	mg/L
Ba 233.527	-111.5	3.26	2.92%	[0.00]	mg/L
Be 313.107	-253.3	13.44	5.31%	[0.00]	mg/L
Bi 223.061	34.7	1.37	3.95%	[0.00]	mg/L
Bi 190.171	28.3	7.36	26.04%	[0.00]	mg/L
Ca 315.887	-70.1	69.78	99.60%	[0.00]	mg/L
Ca 317.933	462.2	8.60	1.86%	[0.00]	mg/L
Cd 214.440	-1.4	0.68	49.19%	[0.00]	mg/L
Co 228.616	-17.3	0.67	3.88%	[0.00]	mg/L
Cr 267.716	-24.7	4.22	17.06%	[0.00]	mg/L
Cu 324.752	912.1	28.81	3.16%	[0.00]	mg/L
Fe 238.204	219.9	1.93	0.88%	[0.00]	mg/L
Fe 273.955	238.9	11.10	4.65%	[0.00]	mg/L
K 766.490	-341.1	25.55	7.49%	[0.00]	mg/L
Mg 279.077	-68.3	39.05	57.20%	[0.00]	mg/L
Mn 257.610	289.3	10.78	3.73%	[0.00]	mg/L
Mo 202.031	-4.2	1.27	30.39%	[0.00]	mg/L
Na 589.592	-397.7	160.68	40.40%	[0.00]	mg/L

Na 330.237	90.4	7.09	7.84%	[0.00] mg/L
Ni 231.604	-13.6	1.70	12.53%	[0.00] mg/L
Pb 220.353	-14.1	4.65	33.02%	[0.00] mg/L
Sb 206.836	8.3	1.03	12.37%	[0.00] mg/L
Se 196.026	-1.9	4.17	221.50%	[0.00] mg/L
Sn 189.927	8.3	2.83	34.25%	[0.00] mg/L
Sr 407.771	144.3	66.65	46.21%	[0.00] mg/L
Sr 421.552	435.5	8.64	1.98%	[0.00] mg/L
Ti 334.940	-73.3	25.45	34.74%	[0.00] mg/L
Tl 190.801	-9.7	3.04	31.36%	[0.00] mg/L
V 290.880	1831.7	14.47	0.79%	[0.00] mg/L
W 207.912	55.4	3.16	5.69%	[0.00] mg/L
Zn 206.200	15.7	1.17	7.48%	[0.00] mg/L
P 213.617	3.4	0.19	5.63%	[0.00] mg/L
Si 251.611	848.3	14.05	1.66%	[0.00] mg/L

Sequence No.: 2 **Autosampler Location: 2**
Sample ID: Std1 **Date Collected: 10/24/2002 11:59:27**
Analyst:
Nebulizer Back Pressure: 155.0 kPa **Nebulizer Flow: 0.55 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: Std1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	833.9	132.05	15.83%	[0.05]	mg/L
As 188.979	78.9	4.07	5.15%	[0.05]	mg/L
B 249.677	3096.2	20.00	0.65%	[0.05]	mg/L
Ba 233.527	6213.0	1.79	0.03%	[0.05]	mg/L
Be 313.107	8702.6	38.04	0.44%	[0.05]	mg/L
Bi 223.061	192.4	6.95	3.61%	[0.05]	mg/L
Bi 190.171	62.4	2.23	3.57%	[0.05]	mg/L
Cd 214.440	2863.6	9.10	0.32%	[0.05]	mg/L
Co 228.616	1780.5	15.73	0.88%	[0.05]	mg/L
Cr 267.716	2345.2	28.38	1.21%	[0.05]	mg/L
Cu 324.752	10632.9	180.10	1.69%	[0.05]	mg/L
Fe 238.204	2903.6	59.29	2.04%	[0.05]	mg/L
Fe 273.955	1389.8	4.77	0.34%	[0.05]	mg/L
Mn 257.610	17019.6	431.15	2.53%	[0.05]	mg/L
Mo 202.031	428.8	6.07	1.42%	[0.05]	mg/L
Ni 231.604	1432.7	0.29	0.02%	[0.05]	mg/L
Pb 220.353	367.5	1.97	0.54%	[0.05]	mg/L
Sb 206.836	116.8	0.74	0.63%	[0.05]	mg/L
Se 196.026	64.3	2.12	3.30%	[0.05]	mg/L
Sn 189.927	259.0	3.53	1.36%	[0.05]	mg/L
Sr 407.771	23044.7	35.78	0.16%	[0.05]	mg/L
Sr 421.552	16087.9	184.98	1.15%	[0.05]	mg/L
Ti 334.940	37692.8	581.32	1.54%	[0.05]	mg/L
Tl 190.801	76.4	6.43	8.43%	[0.05]	mg/L
V 290.880	7749.5	101.98	1.32%	[0.05]	mg/L
W 207.912	264.9	0.26	0.10%	[0.05]	mg/L
Zn 206.200	963.9	3.67	0.38%	[0.05]	mg/L

Sequence No.: 3
Sample ID: Std2
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 10/24/2002 12:01:49

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: Std2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	17619.8	65.95	0.37%	[1.00]	mg/L
As 188.979	1638.5	8.02	0.49%	[1.00]	mg/L
B 249.677	58101.2	130.10	0.22%	[1.00]	mg/L
Ba 233.527	123727.4	527.48	0.43%	[1.00]	mg/L
Be 313.107	176438.7	1950.01	1.11%	[1.00]	mg/L
Bi 223.061	4074.0	5.46	0.13%	[1.00]	mg/L
Bi 190.171	1245.8	9.09	0.73%	[1.00]	mg/L
Cd 214.440	58630.6	250.91	0.43%	[1.00]	mg/L
Co 228.616	35907.5	129.78	0.36%	[1.00]	mg/L
Cr 267.716	46815.8	42.30	0.09%	[1.00]	mg/L
Cu 324.752	216147.8	309.54	0.14%	[1.00]	mg/L
Fe 238.204	56516.3	3.89	0.01%	[1.00]	mg/L
Fe 273.955	28266.6	150.55	0.53%	[1.00]	mg/L
Mn 257.610	336987.5	1091.96	0.32%	[1.00]	mg/L
Mo 202.031	8814.2	111.55	1.27%	[1.00]	mg/L
Ni 231.604	29395.6	30.39	0.10%	[1.00]	mg/L
Pb 220.353	7350.8	35.45	0.48%	[1.00]	mg/L
Sb 206.836	2283.8	0.34	0.01%	[1.00]	mg/L
Se 196.026	1427.3	23.85	1.67%	[1.00]	mg/L
Sn 189.927	5269.8	40.06	0.76%	[1.00]	mg/L
Sr 407.771	458599.7	6316.71	1.38%	[1.00]	mg/L
Sr 421.552	324636.9	3960.71	1.22%	[1.00]	mg/L
Ti 334.940	762763.5	3837.10	0.50%	[1.00]	mg/L
Tl 190.801	1603.7	27.11	1.69%	[1.00]	mg/L
V 290.880	156169.5	463.17	0.30%	[1.00]	mg/L
W 207.912	5119.1	75.52	1.48%	[1.00]	mg/L
Zn 206.200	19696.0	80.22	0.41%	[1.00]	mg/L

Sequence No.: 4
Sample ID: Std3
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 10/24/2002 12:04:12

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: Std3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	325449.6	1894.77	0.58%	[20.00]	mg/L
As 188.979	30194.2	366.63	1.21%	[20.00]	mg/L
B 249.677	1100198.7	13533.10	1.23%	[20.00]	mg/L
Ba 233.527	2251100.7	21961.69	0.98%	[20.00]	mg/L
Be 313.107	3278719.5	59542.00	1.82%	[20.00]	mg/L
Bi 223.061	74968.7	712.54	0.95%	[20.00]	mg/L
Bi 190.171	22713.9	127.59	0.56%	[20.00]	mg/L
Cd 214.440	1036980.2	10278.83	0.99%	[20.00]	mg/L
Co 228.616	663203.5	7244.67	1.09%	[20.00]	mg/L
Cr 267.716	867424.2	13661.50	1.57%	[20.00]	mg/L
Cu 324.752	4192805.2	7470.01	0.18%	[20.00]	mg/L
Fe 238.204	1031349.6	8461.72	0.82%	[20.00]	mg/L
Fe 273.955	527034.3	5246.63	1.00%	[20.00]	mg/L
Mn 257.610	5997407.9	8097.43	0.14%	[20.00]	mg/L
Mo 202.031	175006.7	1897.54	1.08%	[20.00]	mg/L
Ni 231.604	538325.9	6169.08	1.15%	[20.00]	mg/L
Pb 220.353	133770.2	1230.95	0.92%	[20.00]	mg/L
Sb 206.836	42604.4	396.45	0.93%	[20.00]	mg/L
Se 196.026	25858.5	292.79	1.13%	[20.00]	mg/L
Sn 189.927	96320.3	943.78	0.98%	[20.00]	mg/L
Ti 334.940	14383118.6	7873.03	0.05%	[20.00]	mg/L
Tl 190.801	29521.5	299.17	1.01%	[20.00]	mg/L
V 290.880	2965469.3	28359.50	0.96%	[20.00]	mg/L
W 207.912	77867.7	411.15	0.53%	[20.00]	mg/L
Zn 206.200	359903.7	3142.55	0.87%	[20.00]	mg/L

Sequence No.: 5
Sample ID: Std4
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 10/24/2002 12:06:02
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: Std4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	338897.2	1379.91	0.41%	[2.00]	mg/L

Sequence No.: 6
Sample ID: Std5
Analyst:
Nebulizer Back Pressure: 156.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 10/24/2002 12:07:40

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: Std5

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ca 315.887	542999.3	19820.31	3.65%	[100.00]	mg/L
Ca 317.933	716723.6	26263.23	3.66%	[100.0]	mg/L
K 766.490	239125.5	8007.79	3.35%	[100.00]	mg/L
Mg 279.077	1619545.3	64961.83	4.01%	[100.00]	mg/L
Na 589.592	588080.5	19596.41	3.33%	[100.00]	mg/L
Na 330.237	2074.8	17.87	0.86%	[100.00]	mg/L

Sequence No.: 7
Sample ID: Std6
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 10/24/2002 12:09:22
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: Std6

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
P 213.617	524.9	2.01	0.38%	[10.00]	mg/L
Si 251.611	365065.0	2856.42	0.78%	[10.00]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	169400	0.00000	1.000000	
Al 308.215	3	Lin Thru 0	0.0	16280	0.00000	0.999991	
As 188.979	3	Lin Thru 0	0.0	1510	0.00000	0.999991	
B 249.677	3	Lin Thru 0	0.0	55020	0.00000	0.999996	
Ba 233.527	3	Lin Thru 0	0.0	112600	0.00000	0.999988	
Be 313.107	3	Lin Thru 0	0.0	164000	0.00000	0.999993	
Bi 223.061	3	Lin Thru 0	0.0	3749	0.00000	0.999991	
Bi 190.171	3	Lin Thru 0	0.0	1136	0.00000	0.999988	
Ca 315.887	1	Lin Thru 0	0.0	5430	0.00000	1.000000	
Ca 317.933	1	Lin Thru 0	0.0	7167	0.00000	1.000000	
Cd 214.440	3	Lin Thru 0	0.0	51870	0.00000	0.999979	
Co 228.616	3	Lin Thru 0	0.0	33170	0.00000	0.999991	
Cr 267.716	3	Lin Thru 0	0.0	43380	0.00000	0.999992	
Cu 324.752	3	Lin Thru 0	0.0	209700	0.00000	0.999999	
Fe 238.204	3	Lin Thru 0	0.0	51580	0.00000	0.999989	
Fe 273.955	3	Lin Thru 0	0.0	26360	0.00000	0.999993	
K 766.490	1	Lin Thru 0	0.0	2391	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	16200	0.00000	1.000000	
Mn 257.610	3	Lin Thru 0	0.0	300000	0.00000	0.999981	
Mo 202.031	3	Lin Thru 0	0.0	8750	0.00000	1.000000	
Na 589.592	1	Lin Thru 0	0.0	5881	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	20.75	0.00000	1.000000	
Ni 231.604	3	Lin Thru 0	0.0	26920	0.00000	0.999989	
Pb 220.353	3	Lin Thru 0	0.0	6690	0.00000	0.999988	
Sb 206.836	3	Lin Thru 0	0.0	2131	0.00000	0.999994	
Se 196.026	3	Lin Thru 0	0.0	1293	0.00000	0.999987	
Sn 189.927	3	Lin Thru 0	0.0	4817	0.00000	0.999989	
Sr 407.771	2	Lin Thru 0	0.0	458600	0.00000	1.000000	
Sr 421.552	2	Lin Thru 0	0.0	324600	0.00000	1.000000	
Ti 334.940	3	Lin Thru 0	0.0	719300	0.00000	0.999995	
Tl 190.801	3	Lin Thru 0	0.0	1476	0.00000	0.999991	
V 290.880	3	Lin Thru 0	0.0	148300	0.00000	0.999996	
W 207.912	3	Lin Thru 0	0.0	3896	0.00000	0.999877	
Zn 206.200	3	Lin Thru 0	0.0	18000	0.00000	0.999989	
P 213.617	1	Lin Thru 0	0.0	52.49	0.00000	1.000000	
Si 251.611	1	Lin Thru 0	0.0	36510	0.00000	1.000000	

QC Failed. Continue with analysis.

Sequence No.: 9
Sample ID: ICB
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 10/24/2002 12:14:46
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Analysis Begun

Start Time: 10/24/2002 12:18:03
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV

Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-23-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 8
Sample ID: ICV
Analyst:
Nebulizer Back Pressure: 156.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 10/24/2002 12:18:03
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	81211.1	0.479	mg/L	0.0104	0.479	mg/L	0.0104	2.17%
QC value within limits for Ag 328.068 Recovery = 95.85%								
Al 308.215	17038.4	1.05	mg/L	0.032	1.05	mg/L	0.032	3.09%
QC value within limits for Al 308.215 Recovery = 104.69%								
As 188.979	1599.3	1.06	mg/L	0.006	1.06	mg/L	0.006	0.57%
QC value within limits for As 188.979 Recovery = 105.91%								
B 249.677	57260.3	1.04	mg/L	0.022	1.04	mg/L	0.022	2.11%
QC value within limits for B 249.677 Recovery = 104.08%								
Ba 233.527	114001.1	1.01	mg/L	0.024	1.01	mg/L	0.024	2.34%
QC value within limits for Ba 233.527 Recovery = 101.26%								
Be 313.107	179489.0	1.09	mg/L	0.001	1.09	mg/L	0.001	0.08%
QC value within limits for Be 313.107 Recovery = 109.47%								
Bi 223.061	-91.6	-0.024	mg/L	0.0020	-0.024	mg/L	0.0020	8.31%
QC value less than the lower limit for Bi 223.061 Recovery = -2.44%								
Bi 190.171	5.7	0.005	mg/L	0.0032	0.005	mg/L	0.0032	62.78%
QC value less than the lower limit for Bi 190.171 Recovery = 0.50%								
Ca 315.887	6852.1	1.26	mg/L	0.039	1.26	mg/L	0.039	3.08%
QC value less than the lower limit for Ca 315.887 Recovery = 1.26%								
Ca 317.933	9113.3	1.27	mg/L	0.041	1.27	mg/L	0.041	3.21%
QC value less than the lower limit for Ca 317.933 Recovery = 1.27%								
Cd 214.440	55781.3	1.08	mg/L	0.029	1.08	mg/L	0.029	2.66%
QC value within limits for Cd 214.440 Recovery = 107.55%								
Co 228.616	34666.6	1.05	mg/L	0.026	1.05	mg/L	0.026	2.47%
QC value within limits for Co 228.616 Recovery = 104.52%								
Cr 267.716	45197.1	1.04	mg/L	0.018	1.04	mg/L	0.018	1.75%
QC value within limits for Cr 267.716 Recovery = 104.19%								
Cu 324.752	209922.4	1.00	mg/L	0.025	1.00	mg/L	0.025	2.53%
QC value within limits for Cu 324.752 Recovery = 100.13%								
Fe 238.204	53222.9	1.03	mg/L	0.022	1.03	mg/L	0.022	2.11%
QC value within limits for Fe 238.204 Recovery = 103.19%								
Fe 273.955	26800.2	1.02	mg/L	0.023	1.02	mg/L	0.023	2.27%
QC value within limits for Fe 273.955 Recovery = 101.68%								
K 766.490	28842.8	12.1	mg/L	0.28	12.1	mg/L	0.28	2.34%
QC value less than the lower limit for K 766.490 Recovery = 12.06%								
Mg 279.077	21470.7	1.33	mg/L	0.037	1.33	mg/L	0.037	2.76%
QC value less than the lower limit for Mg 279.077 Recovery = 1.33%								
Mn 257.610	319817.3	1.07	mg/L	0.024	1.07	mg/L	0.024	2.22%
QC value within limits for Mn 257.610 Recovery = 106.62%								

Mo 202.031	9070.0	1.04 mg/L	0.033	1.04 mg/L	0.033	3.21%
QC value within limits for Mo 202.031 Recovery = 103.65%						
Na 589.592	7267.8	1.24 mg/L	0.016	1.24 mg/L	0.016	1.29%
QC value less than the lower limit for Na 589.592 Recovery = 1.24%						
Na 330.237	-78.2	-3.77 mg/L	0.366	-3.77 mg/L	0.366	9.71%
QC value less than the lower limit for Na 330.237 Recovery = -3.77%						
Ni 231.604	28347.1	1.05 mg/L	0.027	1.05 mg/L	0.027	2.52%
QC value within limits for Ni 231.604 Recovery = 105.29%						
Pb 220.353	7003.8	1.05 mg/L	0.001	1.05 mg/L	0.001	0.11%
QC value within limits for Pb 220.353 Recovery = 104.69%						
Sb 206.836	2199.3	1.03 mg/L	0.004	1.03 mg/L	0.004	0.40%
QC value within limits for Sb 206.836 Recovery = 103.23%						
Se 196.026	1308.4	1.01 mg/L	0.008	1.01 mg/L	0.008	0.76%
QC value within limits for Se 196.026 Recovery = 101.17%						
Sn 189.927	-0.2	0.000 mg/L	0.0003	0.000 mg/L	0.0003	846.79%
QC value less than the lower limit for Sn 189.927 Recovery = -0.00%						
Sr 407.771	437391.2	0.954 mg/L	0.0047	0.954 mg/L	0.0047	0.49%
QC value within limits for Sr 407.771 Recovery = 95.37%						
Sr 421.552	310982.0	0.958 mg/L	0.0039	0.958 mg/L	0.0039	0.41%
QC value within limits for Sr 421.552 Recovery = 95.80%						
Ti 334.940	777752.8	1.08 mg/L	0.023	1.08 mg/L	0.023	2.15%
QC value within limits for Ti 334.940 Recovery = 108.13%						
Tl 190.801	1524.0	1.03 mg/L	0.001	1.03 mg/L	0.001	0.08%
QC value within limits for Tl 190.801 Recovery = 103.23%						
V 290.880	153893.5	1.04 mg/L	0.026	1.04 mg/L	0.026	2.48%
QC value within limits for V 290.880 Recovery = 103.77%						
W 207.912	313.5	0.080 mg/L	0.0008	0.080 mg/L	0.0008	0.98%
QC value less than the lower limit for W 207.912 Recovery = 8.05%						
Y 371.029	-185.3				87.69	47.32%
Y	78.8				1.46	1.85%
Zn 206.200	19279.6	1.07 mg/L	0.026	1.07 mg/L	0.026	2.41%
QC value within limits for Zn 206.200 Recovery = 107.11%						
P 213.617	-173.9	-3.31 mg/L	0.018	-3.31 mg/L	0.018	0.55%
Si 251.611	166791.8	4.57 mg/L	0.117	4.57 mg/L	0.117	2.57%

QC Failed. Continue with analysis.

Sequence No.: 9
Sample ID: ICB
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 10/24/2002 12:21:05

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Ag 328.068	33.0	0.000	mg/L	0.0005	0.000	mg/L	0.0005	231.49%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215	45.2	0.003	mg/L	0.0036	0.003	mg/L	0.0036	129.93%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979	17.0	0.011	mg/L	0.0002	0.011	mg/L	0.0002	1.85%
QC value greater than the upper limit for As 188.979 Recovery = Not calculated								
B 249.677	1350.3	0.025	mg/L	0.0008	0.025	mg/L	0.0008	3.23%
QC value greater than the upper limit for B 249.677 Recovery = Not calculated								
Ba 233.527	73.2	0.001	mg/L	0.0001	0.001	mg/L	0.0001	9.96%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107	116.7	0.001	mg/L	0.0005	0.001	mg/L	0.0005	76.18%
QC value within limits for Be 313.107 Recovery = Not calculated								
Bi 223.061	0.9	0.000	mg/L	0.0007	0.000	mg/L	0.0007	290.04%
QC value within limits for Bi 223.061 Recovery = Not calculated								
Bi 190.171	1.7	0.002	mg/L	0.0016	0.002	mg/L	0.0016	101.09%
QC value within limits for Bi 190.171 Recovery = Not calculated								
Ca 315.887	211.2	0.039	mg/L	0.0045	0.039	mg/L	0.0045	11.46%
QC value greater than the upper limit for Ca 315.887 Recovery = Not calculated								
Ca 317.933	271.7	0.038	mg/L	0.0081	0.038	mg/L	0.0081	21.26%
QC value greater than the upper limit for Ca 317.933 Recovery = Not calculated								
Cd 214.440	37.8	0.001	mg/L	0.0002	0.001	mg/L	0.0002	22.23%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616	10.9	0.000	mg/L	0.0000	0.000	mg/L	0.0000	3.76%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716	30.8	0.001	mg/L	0.0001	0.001	mg/L	0.0001	11.43%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752	78.2	0.000	mg/L	0.0005	0.000	mg/L	0.0005	133.72%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 238.204	129.8	0.003	mg/L	0.0006	0.003	mg/L	0.0006	23.80%
QC value within limits for Fe 238.204 Recovery = Not calculated								
Fe 273.955	63.4	0.002	mg/L	0.0039	0.002	mg/L	0.0039	161.16%
QC value within limits for Fe 273.955 Recovery = Not calculated								
K 766.490	235.5	0.098	mg/L	0.0915	0.098	mg/L	0.0915	92.96%
QC value greater than the upper limit for K 766.490 Recovery = Not calculated								
Mg 279.077	52.8	0.003	mg/L	0.0026	0.003	mg/L	0.0026	79.53%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	154.5	0.001	mg/L	0.0000	0.001	mg/L	0.0000	6.55%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	150.1	0.017	mg/L	0.0021	0.017	mg/L	0.0021	12.52%
QC value greater than the upper limit for Mo 202.031 Recovery = Not calculated								
Na 589.592	-173.1	-0.029	mg/L	0.0035	-0.029	mg/L	0.0035	11.91%
QC value less than the lower limit for Na 589.592 Recovery = Not calculated								
Na 330.237	-38.5	-1.86	mg/L	3.435	-1.86	mg/L	3.435	185.15%
QC value less than the lower limit for Na 330.237 Recovery = Not calculated								
Ni 231.604	9.1	0.000	mg/L	0.0002	0.000	mg/L	0.0002	46.54%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353	14.0	0.002	mg/L	0.0011	0.002	mg/L	0.0011	50.40%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836	55.3	0.026	mg/L	0.0034	0.026	mg/L	0.0034	13.28%
QC value greater than the upper limit for Sb 206.836 Recovery = Not calculated								
Se 196.026	-0.9	-0.001	mg/L	0.0003	-0.001	mg/L	0.0003	35.52%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927	11.5	0.002	mg/L	0.0005	0.002	mg/L	0.0005	22.13%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 407.771	288.4	0.001	mg/L	0.0000	0.001	mg/L	0.0000	3.82%
QC value within limits for Sr 407.771 Recovery = Not calculated								
Sr 421.552	145.3	0.000	mg/L	0.0002	0.000	mg/L	0.0002	55.57%

QC value within limits for Sr 421.552 Recovery = Not calculated						
Ti 334.940	3050.8	0.004 mg/L	0.0005	0.004 mg/L	0.0005	11.33%
QC value within limits for Ti 334.940 Recovery = Not calculated						
Tl 190.801	-0.1	0.000 mg/L	0.0004	0.000 mg/L	0.0004	421.70%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 290.880	382.7	0.003 mg/L	0.0005	0.003 mg/L	0.0005	19.51%
QC value within limits for V 290.880 Recovery = Not calculated						
W 207.912	317.9	0.082 mg/L	0.0031	0.082 mg/L	0.0031	3.76%
QC value greater than the upper limit for W 207.912 Recovery = Not calculated						
Y 371.029	-63.1				39.84	63.13%
Y	-60.5				49.47	81.72%
Zn 206.200	-3.7	0.000 mg/L	0.0000	0.000 mg/L	0.0000	23.37%
QC value within limits for Zn 206.200 Recovery = Not calculated						
P 213.617	1.6	0.031 mg/L	0.0257	0.031 mg/L	0.0257	82.18%
Si 251.611	-458.5	-0.013 mg/L	0.0002	-0.013 mg/L	0.0002	1.31%

QC Failed. Continue with analysis.

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Sequence No.: 11
Sample ID: CCVSI, SN, P
Analyst: KN
Nebulizer Back Pressure: 156.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 10/24/2002 12:27:16

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: CCVSI, SN, P

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-70.5	0.000	mg/L	0.0005	0.000	mg/L	0.0005	122.64%
Al 308.215	-46.5	-0.003	mg/L	0.0015	-0.003	mg/L	0.0015	52.47%
As 188.979	-21.7	-0.014	mg/L	0.0022	-0.014	mg/L	0.0022	15.14%
B 249.677	1615.5	0.029	mg/L	0.0008	0.029	mg/L	0.0008	2.63%
Ba 233.527	407.0	0.004	mg/L	0.0001	0.004	mg/L	0.0001	1.86%
Be 313.107	20.3	0.000	mg/L	0.0000	0.000	mg/L	0.0000	40.21%
Bi 223.061	43621.8	11.6	mg/L	0.05	11.6	mg/L	0.05	0.47%
Bi 190.171	12840.7	11.3	mg/L	0.01	11.3	mg/L	0.01	0.10%
Ca 315.887	374.5	0.069	mg/L	0.0099	0.069	mg/L	0.0099	14.38%
Ca 317.933	529.7	0.074	mg/L	0.0022	0.074	mg/L	0.0022	3.04%
Cd 214.440	-115.9	-0.002	mg/L	0.0001	-0.002	mg/L	0.0001	6.59%
Co 228.616	50.9	0.002	mg/L	0.0002	0.002	mg/L	0.0002	14.90%
Cr 267.716	48.9	0.001	mg/L	0.0001	0.001	mg/L	0.0001	12.16%
Cu 324.752	183.2	0.001	mg/L	0.0005	0.001	mg/L	0.0005	58.29%
Fe 238.204	46.5	0.001	mg/L	0.0001	0.001	mg/L	0.0001	7.59%
Fe 273.955	142.9	0.005	mg/L	0.0002	0.005	mg/L	0.0002	3.39%
K 766.490	510.4	0.213	mg/L	0.0464	0.213	mg/L	0.0464	21.73%
Mg 279.077	-467.1	-0.029	mg/L	0.0052	-0.029	mg/L	0.0052	18.17%
Mn 257.610	-436.0	-0.001	mg/L	0.0001	-0.001	mg/L	0.0001	4.28%
Mo 202.031	36.6	0.004	mg/L	0.0003	0.004	mg/L	0.0003	6.76%
Na 589.592	716.7	0.122	mg/L	0.0034	0.122	mg/L	0.0034	2.80%
Na 330.237	-55.0	-2.65	mg/L	0.000	-2.65	mg/L	0.000	0.01%
Ni 231.604	-32.2	-0.001	mg/L	0.0002	-0.001	mg/L	0.0002	14.04%
Pb 220.353	-254.3	-0.038	mg/L	0.0006	-0.038	mg/L	0.0006	1.65%
Sb 206.836	-228.7	-0.107	mg/L	0.0027	-0.107	mg/L	0.0027	2.55%
Se 196.026	125.9	0.097	mg/L	0.0085	0.097	mg/L	0.0085	8.69%
Sn 189.927	55140.0	11.4	mg/L	0.09	11.4	mg/L	0.09	0.78%
Sr 407.771	215.4	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.76%
Sr 421.552	72.0	0.000	mg/L	0.0000	0.000	mg/L	0.0000	11.17%
Ti 334.940	2928.8	0.004	mg/L	0.0001	0.004	mg/L	0.0001	1.79%
Tl 190.801	213.0	0.144	mg/L	0.0001	0.144	mg/L	0.0001	0.08%
V 290.880	-393.4	-0.003	mg/L	0.0005	-0.003	mg/L	0.0005	19.00%
W 207.912	49245.1	12.6	mg/L	0.02	12.6	mg/L	0.02	0.20%
Y 371.029	21.6						19.85	91.72%
Y	5.7						26.64	470.07%
Zn 206.200	3.1	0.000	mg/L	0.0000	0.000	mg/L	0.0000	5.08%
P 213.617	522.4	9.95	mg/L	0.035	9.95	mg/L	0.035	0.35%
Si 251.611	359926.0	9.86	mg/L	0.064	9.86	mg/L	0.064	0.65%

Sequence No.: 12
Sample ID: ICSA
Analyst: KN
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 10/24/2002 12:30:20

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	553.6	0.003	mg/L	0.0000	0.003	mg/L	0.0000	0.59%
Al 308.215	6105691.9	375	mg/L	10.5	375	mg/L	10.5	2.80%
As 188.979	-31.9	-0.021	mg/L	0.0010	-0.021	mg/L	0.0010	4.74%
B 249.677	-5821.3	-0.106	mg/L	0.0025	-0.106	mg/L	0.0025	2.34%
Ba 233.527	600.2	0.005	mg/L	0.0000	0.005	mg/L	0.0000	0.67%
Be 313.107	-8.4	0.000	mg/L	0.0000	0.000	mg/L	0.0000	75.61%
Bi 223.061	223.1	0.059	mg/L	0.0093	0.059	mg/L	0.0093	15.58%
Bi 190.171	61.2	0.054	mg/L	0.0105	0.054	mg/L	0.0105	19.50%
Ca 315.887	2438606.9	449	mg/L	2.8	449	mg/L	2.8	0.62%
Ca 317.933	3214095.6	448	mg/L	2.1	448	mg/L	2.1	0.47%
Cd 214.440	-54.7	-0.001	mg/L	0.0001	-0.001	mg/L	0.0001	6.36%
Co 228.616	42.1	0.001	mg/L	0.0000	0.001	mg/L	0.0000	3.61%
Cr 267.716	552.0	0.013	mg/L	0.0001	0.013	mg/L	0.0001	0.69%
Cu 324.752	-3683.6	-0.018	mg/L	0.0002	-0.018	mg/L	0.0002	0.96%
Fe 238.204	6783505.2	132	mg/L	3.0	132	mg/L	3.0	2.29%
Fe 273.955	3799870.7	144	mg/L	4.0	144	mg/L	4.0	2.76%
K 766.490	243.6	0.102	mg/L	0.0314	0.102	mg/L	0.0314	30.80%
Mg 279.077	7515257.5	464	mg/L	12.8	464	mg/L	12.8	2.76%
Mn 257.610	1172.1	0.004	mg/L	0.0001	0.004	mg/L	0.0001	2.09%
Mo 202.031	25.0	0.003	mg/L	0.0005	0.003	mg/L	0.0005	16.30%
Na 589.592	824.9	0.140	mg/L	0.0370	0.140	mg/L	0.0370	26.35%
Na 330.237	56.7	2.73	mg/L	0.064	2.73	mg/L	0.064	2.36%
Ni 231.604	37.7	0.001	mg/L	0.0002	0.001	mg/L	0.0002	15.43%
Pb 220.353	-208.3	-0.031	mg/L	0.0002	-0.031	mg/L	0.0002	0.49%
Sb 206.836	-48.9	-0.023	mg/L	0.0030	-0.023	mg/L	0.0030	12.97%
Se 196.026	58.1	0.045	mg/L	0.0001	0.045	mg/L	0.0001	0.28%
Sn 189.927	-224.7	-0.047	mg/L	0.0045	-0.047	mg/L	0.0045	9.67%
Sr 407.771	3669.4	0.008	mg/L	0.0002	0.008	mg/L	0.0002	3.05%
Sr 421.552	2602.6	0.008	mg/L	0.0003	0.008	mg/L	0.0003	4.03%
Ti 334.940	-9209.1	-0.013	mg/L	0.0004	-0.013	mg/L	0.0004	3.00%
Tl 190.801	-24.9	-0.017	mg/L	0.0007	-0.017	mg/L	0.0007	4.30%
V 290.880	-1675.0	-0.021	mg/L	0.0008	-0.021	mg/L	0.0008	3.94%
W 207.912	796.6	0.204	mg/L	0.0137	0.204	mg/L	0.0137	6.71%
Y 371.029	-180.3						20.12	11.16%
Y	4.7						72.48	>999.9%
Zn 206.200	52.6	0.003	mg/L	0.0006	0.003	mg/L	0.0006	19.63%
P 213.617	2.7	0.052	mg/L	0.0837	0.052	mg/L	0.0837	160.40%
Si 251.611	317.9	0.009	mg/L	0.0008	0.009	mg/L	0.0008	8.91%

Sequence No.: 13
Sample ID: ICSB
Analyst: KN
Nebulizer Back Pressure: 156.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 10/24/2002 12:33:28

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: ICSB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	170013.0	1.00	mg/L	0.035	1.00	mg/L	0.035	3.53%
Al 308.215	1273.4	0.078	mg/L	0.0197	0.078	mg/L	0.0197	25.12%
As 188.979	-2.3	-0.002	mg/L	0.0012	-0.002	mg/L	0.0012	78.64%
B 249.677	366.1	0.007	mg/L	0.0014	0.007	mg/L	0.0014	20.37%
Ba 233.527	59761.1	0.531	mg/L	0.0181	0.531	mg/L	0.0181	3.40%
Be 313.107	82238.3	0.502	mg/L	0.0055	0.502	mg/L	0.0055	1.10%
Bi 223.061	-42.0	-0.011	mg/L	0.0021	-0.011	mg/L	0.0021	19.10%
Bi 190.171	6.1	0.005	mg/L	0.0058	0.005	mg/L	0.0058	107.99%
Ca 315.887	759.9	0.140	mg/L	0.0070	0.140	mg/L	0.0070	5.01%
Ca 317.933	1071.5	0.150	mg/L	0.0249	0.150	mg/L	0.0249	16.64%
Cd 214.440	54649.4	1.05	mg/L	0.043	1.05	mg/L	0.043	4.04%
Co 228.616	17367.9	0.524	mg/L	0.0165	0.524	mg/L	0.0165	3.16%
Cr 267.716	22695.2	0.523	mg/L	0.0202	0.523	mg/L	0.0202	3.85%
Cu 324.752	103954.4	0.496	mg/L	0.0192	0.496	mg/L	0.0192	3.88%
Fe 238.204	3373.5	0.065	mg/L	0.0116	0.065	mg/L	0.0116	17.76%
Fe 273.955	1660.5	0.063	mg/L	0.0136	0.063	mg/L	0.0136	21.58%
K 766.490	-68.4	-0.029	mg/L	0.1121	-0.029	mg/L	0.1121	391.79%
Mg 279.077	1558.3	0.096	mg/L	0.0228	0.096	mg/L	0.0228	23.69%
Mn 257.610	160048.5	0.534	mg/L	0.0194	0.534	mg/L	0.0194	3.63%
Mo 202.031	19.0	0.002	mg/L	0.0001	0.002	mg/L	0.0001	4.52%
Na 589.592	265.1	0.045	mg/L	0.0129	0.045	mg/L	0.0129	28.54%
Na 330.237	-69.2	-3.34	mg/L	1.254	-3.34	mg/L	1.254	37.60%
Ni 231.604	28256.6	1.05	mg/L	0.038	1.05	mg/L	0.038	3.61%
Pb 220.353	7413.1	1.11	mg/L	0.042	1.11	mg/L	0.042	3.78%
Sb 206.836	-5.1	-0.002	mg/L	0.0009	-0.002	mg/L	0.0009	37.76%
Se 196.026	0.0	0.000	mg/L	0.0083	0.000	mg/L	0.0083	>999.9%
Sn 189.927	7.5	0.002	mg/L	0.0003	0.002	mg/L	0.0003	21.67%
Sr 407.771	-37.9	0.000	mg/L	0.0002	0.000	mg/L	0.0002	229.87%
Sr 421.552	-37.5	0.000	mg/L	0.0001	0.000	mg/L	0.0001	67.90%
Ti 334.940	786.8	0.001	mg/L	0.0001	0.001	mg/L	0.0001	11.66%
Tl 190.801	2.9	0.002	mg/L	0.0005	0.002	mg/L	0.0005	25.83%
V 290.880	75916.8	0.512	mg/L	0.0190	0.512	mg/L	0.0190	3.71%
W 207.912	353.1	0.091	mg/L	0.0059	0.091	mg/L	0.0059	6.55%
Y 371.029	-49.4						46.00	93.18%
Y	20.2						39.59	195.61%
Zn 206.200	19153.8	1.06	mg/L	0.041	1.06	mg/L	0.041	3.84%
P 213.617	-89.6	-1.71	mg/L	0.091	-1.71	mg/L	0.091	5.35%
Si 251.611	-487.5	-0.013	mg/L	0.0021	-0.013	mg/L	0.0021	15.93%

Sequence No.: 14
Sample ID: ICASB
Analyst: KN
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 10/24/2002 12:36:33

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: ICASB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	162580.4	0.959	mg/L	0.0226	0.959	mg/L	0.0226	2.35%
Al 308.215	5991142.4	368	mg/L	4.6	368	mg/L	4.6	1.24%
As 188.979	-35.5	-0.024	mg/L	0.0073	-0.024	mg/L	0.0073	30.91%
B 249.677	-5944.6	-0.108	mg/L	0.0044	-0.108	mg/L	0.0044	4.03%
Ba 233.527	53753.0	0.477	mg/L	0.0082	0.477	mg/L	0.0082	1.72%
Be 313.107	59228.3	0.361	mg/L	0.0068	0.361	mg/L	0.0068	1.87%
Bi 223.061	78.1	0.021	mg/L	0.0011	0.021	mg/L	0.0011	5.23%
Bi 190.171	32.1	0.028	mg/L	0.0118	0.028	mg/L	0.0118	41.63%
Ca 315.887	1898511.8	350	mg/L	9.1	350	mg/L	9.1	2.60%
Ca 317.933	2510025.6	350	mg/L	9.8	350	mg/L	9.8	2.80%
Cd 214.440	47989.0	0.925	mg/L	0.0165	0.925	mg/L	0.0165	1.78%
Co 228.616	14010.4	0.422	mg/L	0.0054	0.422	mg/L	0.0054	1.27%
Cr 267.716	20647.4	0.476	mg/L	0.0106	0.476	mg/L	0.0106	2.23%
Cu 324.752	96388.9	0.460	mg/L	0.0107	0.460	mg/L	0.0107	2.33%
Fe 238.204	6687947.6	130	mg/L	1.6	130	mg/L	1.6	1.27%
Fe 273.955	3742899.7	142	mg/L	2.9	142	mg/L	2.9	2.07%
K 766.490	184.9	0.077	mg/L	0.0052	0.077	mg/L	0.0052	6.68%
Mg 279.077	7393696.1	457	mg/L	6.6	457	mg/L	6.6	1.45%
Mn 257.610	139788.6	0.466	mg/L	0.0107	0.466	mg/L	0.0107	2.30%
Mo 202.031	13.3	0.002	mg/L	0.0006	0.002	mg/L	0.0006	41.92%
Na 589.592	518.7	0.088	mg/L	0.0275	0.088	mg/L	0.0275	31.19%
Na 330.237	52.7	2.54	mg/L	0.709	2.54	mg/L	0.709	27.94%
Ni 231.604	23257.6	0.864	mg/L	0.0214	0.864	mg/L	0.0214	2.48%
Pb 220.353	5824.7	0.871	mg/L	0.0112	0.871	mg/L	0.0112	1.28%
Sb 206.836	-48.5	-0.023	mg/L	0.0016	-0.023	mg/L	0.0016	6.99%
Se 196.026	66.5	0.051	mg/L	0.0032	0.051	mg/L	0.0032	6.18%
Sn 189.927	-257.5	-0.053	mg/L	0.0011	-0.053	mg/L	0.0011	2.10%
Sr 407.771	2818.8	0.006	mg/L	0.0002	0.006	mg/L	0.0002	3.84%
Sr 421.552	1935.2	0.006	mg/L	0.0004	0.006	mg/L	0.0004	7.06%
Ti 334.940	-9567.3	-0.013	mg/L	0.0000	-0.013	mg/L	0.0000	0.30%
Tl 190.801	-24.9	-0.017	mg/L	0.0005	-0.017	mg/L	0.0005	2.70%
V 290.880	69229.9	0.457	mg/L	0.0096	0.457	mg/L	0.0096	2.09%
W 207.912	445.1	0.114	mg/L	0.0007	0.114	mg/L	0.0007	0.58%
Y 371.029	-141.2						13.63	9.65%
Y	-40.6						66.30	163.46%
Zn 206.200	16193.5	0.900	mg/L	0.0123	0.900	mg/L	0.0123	1.37%
P 213.617	-56.3	-1.07	mg/L	0.229	-1.07	mg/L	0.229	21.37%
Si 251.611	180.6	0.005	mg/L	0.0003	0.005	mg/L	0.0003	6.81%

Analysis Begun

Start Time: 10/24/2002 12:41:50
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV

Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-23-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 15
Sample ID: 50PPM HIGH STD
Analyst: KN
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 10/24/2002 12:41:50

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: 50PPM HIGH STD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	3589347.2	21.2	mg/L	0.01	21.2	mg/L	0.01	0.06%
Al 308.215	741978.4	45.6	mg/L	0.39	45.6	mg/L	0.39	0.86%
As 188.979	77038.7	51.0	mg/L	0.51	51.0	mg/L	0.51	0.99%
B 249.677	2550336.5	46.4	mg/L	0.55	46.4	mg/L	0.55	1.19%
Ba 233.527	4708394.4	41.8	mg/L	0.27	41.8	mg/L	0.27	0.64%
Be 313.107	8031024.3	49.0	mg/L	0.41	49.0	mg/L	0.41	0.84%
Bi 223.061	-3901.1	-1.04	mg/L	0.022	-1.04	mg/L	0.022	2.10%
Bi 190.171	198.8	0.175	mg/L	0.0093	0.175	mg/L	0.0093	5.32%
Ca 315.887	323549.3	59.6	mg/L	0.60	59.6	mg/L	0.60	1.00%
Ca 317.933	429438.5	59.9	mg/L	0.98	59.9	mg/L	0.98	1.63%
Cd 214.440	2227866.2	43.0	mg/L	0.27	43.0	mg/L	0.27	0.62%
Co 228.616	1502946.1	45.3	mg/L	0.35	45.3	mg/L	0.35	0.78%
Cr 267.716	2012923.1	46.4	mg/L	0.26	46.4	mg/L	0.26	0.56%
Cu 324.752	9658614.7	46.1	mg/L	0.96	46.1	mg/L	0.96	2.08%
Fe 238.204	2279253.9	44.2	mg/L	0.27	44.2	mg/L	0.27	0.61%
Fe 273.955	1187444.7	45.1	mg/L	0.30	45.1	mg/L	0.30	0.66%
K 766.490	1349785.1	564	mg/L	6.4	564	mg/L	6.4	1.13%
Mg 279.077	905211.2	55.9	mg/L	0.43	55.9	mg/L	0.43	0.76%
Mn 257.610	12761051.8	42.5	mg/L	0.45	42.5	mg/L	0.45	1.07%
Mo 202.031	417231.4	47.7	mg/L	0.18	47.7	mg/L	0.18	0.39%
Na 589.592	330726.9	56.2	mg/L	0.73	56.2	mg/L	0.73	1.29%
Na 330.237	-806.7	-38.9	mg/L	1.90	-38.9	mg/L	1.90	4.88%
Ni 231.604	1217780.0	45.2	mg/L	0.34	45.2	mg/L	0.34	0.74%
Pb 220.353	314874.3	47.1	mg/L	0.24	47.1	mg/L	0.24	0.52%
Sb 206.836	110471.7	51.8	mg/L	0.55	51.8	mg/L	0.55	1.06%
Se 196.026	59755.9	46.2	mg/L	0.09	46.2	mg/L	0.09	0.18%
Sn 189.927	-246.7	-0.051	mg/L	0.0016	-0.051	mg/L	0.0016	3.16%
Sr 407.771	Saturated2							
Saturated in preshot (code 2)								
Sr 421.552	Saturated2							
Saturated in preshot (code 2)								
Ti 334.940	34792974.5	48.4	mg/L	0.90	48.4	mg/L	0.90	1.85%
Tl 190.801	64717.1	43.8	mg/L	0.29	43.8	mg/L	0.29	0.67%
V 290.880	7176990.1	48.4	mg/L	0.38	48.4	mg/L	0.38	0.78%
W 207.912	3188.9	0.818	mg/L	0.0072	0.818	mg/L	0.0072	0.88%
Y 371.029	-391.5						135.70	34.66%
Y	-35.5						9.02	25.40%
Zn 206.200	826150.6	45.9	mg/L	0.29	45.9	mg/L	0.29	0.63%
P 213.617	-8056.2	-153	mg/L	0.7	-153	mg/L	0.7	0.49%
Si 251.611	7239897.5	198	mg/L	2.7	198	mg/L	2.7	1.37%

Sequence No.: 21
Sample ID: CCV
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 10/24/2002 12:59:40

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	79913.0	0.472	mg/L	0.0068	0.472	mg/L	0.0068	1.44%
QC value within limits for Ag 328.068 Recovery = 94.32%								
Al 308.215	16596.5	1.02	mg/L	0.027	1.02	mg/L	0.027	2.64%
QC value within limits for Al 308.215 Recovery = 101.97%								
As 188.979	1554.2	1.03	mg/L	0.032	1.03	mg/L	0.032	3.10%
QC value within limits for As 188.979 Recovery = 102.92%								
B 249.677	57332.1	1.04	mg/L	0.019	1.04	mg/L	0.019	1.80%
QC value within limits for B 249.677 Recovery = 104.21%								
Ba 233.527	111441.2	0.990	mg/L	0.0170	0.990	mg/L	0.0170	1.71%
QC value within limits for Ba 233.527 Recovery = 98.99%								
Be 313.107	173599.2	1.06	mg/L	0.016	1.06	mg/L	0.016	1.48%
QC value within limits for Be 313.107 Recovery = 105.87%								
Bi 223.061	-81.8	-0.022	mg/L	0.0003	-0.022	mg/L	0.0003	1.18%
QC value less than the lower limit for Bi 223.061 Recovery = -2.18%								
Bi 190.171	7.5	0.007	mg/L	0.0043	0.007	mg/L	0.0043	64.68%
QC value less than the lower limit for Bi 190.171 Recovery = 0.66%								
Ca 315.887	6797.4	1.25	mg/L	0.035	1.25	mg/L	0.035	2.77%
QC value less than the lower limit for Ca 315.887 Recovery = 1.25%								
Ca 317.933	8994.0	1.25	mg/L	0.018	1.25	mg/L	0.018	1.44%
QC value less than the lower limit for Ca 317.933 Recovery = 1.25%								
Cd 214.440	53945.8	1.04	mg/L	0.019	1.04	mg/L	0.019	1.87%
QC value within limits for Cd 214.440 Recovery = 104.01%								
Co 228.616	33991.4	1.02	mg/L	0.015	1.02	mg/L	0.015	1.49%
QC value within limits for Co 228.616 Recovery = 102.49%								
Cr 267.716	44226.2	1.02	mg/L	0.016	1.02	mg/L	0.016	1.61%
QC value within limits for Cr 267.716 Recovery = 101.95%								
Cu 324.752	204627.1	0.976	mg/L	0.0165	0.976	mg/L	0.0165	1.69%
QC value within limits for Cu 324.752 Recovery = 97.60%								
Fe 238.204	51488.1	0.998	mg/L	0.0173	0.998	mg/L	0.0173	1.74%
QC value within limits for Fe 238.204 Recovery = 99.82%								
Fe 273.955	26177.2	0.993	mg/L	0.0123	0.993	mg/L	0.0123	1.23%
QC value within limits for Fe 273.955 Recovery = 99.32%								
K 766.490	28254.5	11.8	mg/L	0.41	11.8	mg/L	0.41	3.45%
QC value less than the lower limit for K 766.490 Recovery = 11.82%								
Mg 279.077	20960.4	1.29	mg/L	0.026	1.29	mg/L	0.026	1.99%
QC value less than the lower limit for Mg 279.077 Recovery = 1.29%								
Mn 257.610	308024.2	1.03	mg/L	0.016	1.03	mg/L	0.016	1.54%
QC value within limits for Mn 257.610 Recovery = 102.69%								
Mo 202.031	8502.0	0.972	mg/L	0.0156	0.972	mg/L	0.0156	1.60%
QC value within limits for Mo 202.031 Recovery = 97.16%								
Na 589.592	7205.0	1.23	mg/L	0.024	1.23	mg/L	0.024	1.94%
QC value less than the lower limit for Na 589.592 Recovery = 1.23%								
Na 330.237	-59.8	-2.88	mg/L	0.064	-2.88	mg/L	0.064	2.23%
QC value less than the lower limit for Na 330.237 Recovery = -2.88%								
Ni 231.604	27672.7	1.03	mg/L	0.019	1.03	mg/L	0.019	1.89%
QC value within limits for Ni 231.604 Recovery = 102.79%								
Pb 220.353	6791.9	1.02	mg/L	0.022	1.02	mg/L	0.022	2.15%
QC value within limits for Pb 220.353 Recovery = 101.52%								
Sb 206.836	2117.6	0.994	mg/L	0.0176	0.994	mg/L	0.0176	1.77%
QC value within limits for Sb 206.836 Recovery = 99.39%								
Se 196.026	1264.7	0.978	mg/L	0.0301	0.978	mg/L	0.0301	3.08%
QC value within limits for Se 196.026 Recovery = 97.79%								
Sn 189.927	-8.3	-0.002	mg/L	0.0008	-0.002	mg/L	0.0008	45.63%
QC value less than the lower limit for Sn 189.927 Recovery = -0.17%								
Sr 407.771	416905.8	0.909	mg/L	0.0143	0.909	mg/L	0.0143	1.57%
QC value within limits for Sr 407.771 Recovery = 90.91%								
Sr 421.552	295216.0	0.909	mg/L	0.0099	0.909	mg/L	0.0099	1.09%
QC value within limits for Sr 421.552 Recovery = 90.94%								

Ti 334.940	754242.6	1.05 mg/L	0.017	1.05 mg/L	0.017	1.62%
QC value within limits for Ti 334.940 Recovery = 104.86%						
Tl 190.801	1482.8	1.00 mg/L	0.023	1.00 mg/L	0.023	2.33%
QC value within limits for Tl 190.801 Recovery = 100.43%						
V 290.880	150359.6	1.01 mg/L	0.022	1.01 mg/L	0.022	2.13%
QC value within limits for V 290.880 Recovery = 101.39%						
W 207.912	136.0	0.035 mg/L	0.0014	0.035 mg/L	0.0014	4.06%
QC value less than the lower limit for W 207.912 Recovery = 3.49%						
Y 371.029	-136.2				116.03	85.21%
Y	25.6				67.86	265.23%
Zn 206.200	18592.8	1.03 mg/L	0.016	1.03 mg/L	0.016	1.60%
QC value within limits for Zn 206.200 Recovery = 103.30%						
P 213.617	-171.6	-3.27 mg/L	0.021	-3.27 mg/L	0.021	0.63%
QC value less than the lower limit for P 213.617 Recovery = -6.54%						
Si 251.611	163696.9	4.48 mg/L	0.075	4.48 mg/L	0.075	1.67%
QC value less than the lower limit for Si 251.611 Recovery = 89.68%						

QC Failed. Continue with analysis.

Sequence No.: 22
Sample ID: CCB
Analyst:
Nebulizer Back Pressure: 155.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 10/24/2002 13:02:43
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-76.2	0.000	mg/L	0.0006	0.000	mg/L	0.0006	142.15%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215	21.6	0.001	mg/L	0.0050	0.001	mg/L	0.0050	376.45%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979	10.7	0.007	mg/L	0.0017	0.007	mg/L	0.0017	23.85%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677	2562.4	0.047	mg/L	0.0007	0.047	mg/L	0.0007	1.60%
QC value greater than the upper limit for B 249.677 Recovery = Not calculated								
Ba 233.527	16.1	0.000	mg/L	0.0000	0.000	mg/L	0.0000	31.74%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107	20.0	0.000	mg/L	0.0000	0.000	mg/L	0.0000	33.54%
QC value within limits for Be 313.107 Recovery = Not calculated								
Bi 223.061	-8.4	-0.002	mg/L	0.0003	-0.002	mg/L	0.0003	13.04%
QC value within limits for Bi 223.061 Recovery = Not calculated								
Bi 190.171	-5.8	-0.005	mg/L	0.0028	-0.005	mg/L	0.0028	54.47%
QC value within limits for Bi 190.171 Recovery = Not calculated								
Ca 315.887	37.7	0.007	mg/L	0.0108	0.007	mg/L	0.0108	154.86%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Ca 317.933	-13.3	-0.002	mg/L	0.0103	-0.002	mg/L	0.0103	555.77%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440	34.8	0.001	mg/L	0.0000	0.001	mg/L	0.0000	7.19%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616	8.9	0.000	mg/L	0.0003	0.000	mg/L	0.0003	94.71%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716	18.2	0.000	mg/L	0.0000	0.000	mg/L	0.0000	3.03%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752	86.8	0.000	mg/L	0.0002	0.000	mg/L	0.0002	40.30%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 238.204	-85.6	-0.002	mg/L	0.0000	-0.002	mg/L	0.0000	0.59%
QC value within limits for Fe 238.204 Recovery = Not calculated								
Fe 273.955	-100.1	-0.004	mg/L	0.0015	-0.004	mg/L	0.0015	38.28%
QC value within limits for Fe 273.955 Recovery = Not calculated								
K 766.490	75.1	0.031	mg/L	0.1830	0.031	mg/L	0.1830	582.93%
QC value greater than the upper limit for K 766.490 Recovery = Not calculated								
Mg 279.077	-0.4	0.000	mg/L	0.0061	0.000	mg/L	0.0061	>999.9%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	-5.8	0.000	mg/L	0.0001	0.000	mg/L	0.0001	497.64%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	122.7	0.014	mg/L	0.0014	0.014	mg/L	0.0014	9.70%
QC value greater than the upper limit for Mo 202.031 Recovery = Not calculated								
Na 589.592	92.2	0.016	mg/L	0.0021	0.016	mg/L	0.0021	13.45%
QC value greater than the upper limit for Na 589.592 Recovery = Not calculated								
Na 330.237	-87.0	-4.19	mg/L	2.252	-4.19	mg/L	2.252	53.73%
QC value less than the lower limit for Na 330.237 Recovery = Not calculated								
Ni 231.604	1.9	0.000	mg/L	0.0000	0.000	mg/L	0.0000	52.81%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353	8.0	0.001	mg/L	0.0021	0.001	mg/L	0.0021	172.46%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836	-2.7	-0.001	mg/L	0.0016	-0.001	mg/L	0.0016	124.00%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026	8.1	0.006	mg/L	0.0106	0.006	mg/L	0.0106	170.16%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927	-9.9	-0.002	mg/L	0.0009	-0.002	mg/L	0.0009	45.93%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 407.771	158.2	0.000	mg/L	0.0002	0.000	mg/L	0.0002	68.80%
QC value within limits for Sr 407.771 Recovery = Not calculated								
Sr 421.552	75.7	0.000	mg/L	0.0000	0.000	mg/L	0.0000	11.21%

QC value within limits for Sr 421.552 Recovery = Not calculated						
Ti 334.940	365.1	0.001 mg/L	0.0001	0.001 mg/L	0.0001	25.15%
QC value within limits for Ti 334.940 Recovery = Not calculated						
Tl 190.801	5.1	0.003 mg/L	0.0003	0.003 mg/L	0.0003	9.18%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 290.880	277.8	0.002 mg/L	0.0001	0.002 mg/L	0.0001	4.82%
QC value within limits for V 290.880 Recovery = Not calculated						
W 207.912	384.7	0.099 mg/L	0.0123	0.099 mg/L	0.0123	12.42%
QC value greater than the upper limit for W 207.912 Recovery = Not calculated						
Y 371.029	-44.5				18.56	41.67%
Y	-89.4				10.20	11.41%
Zn 206.200	-13.3	-0.001 mg/L	0.0000	-0.001 mg/L	0.0000	2.04%
QC value within limits for Zn 206.200 Recovery = Not calculated						
P 213.617	-0.3	-0.005 mg/L	0.0559	-0.005 mg/L	0.0559	>999.9%
QC value within limits for P 213.617 Recovery = Not calculated						
Si 251.611	-667.8	-0.018 mg/L	0.0005	-0.018 mg/L	0.0005	2.53%
QC value less than the lower limit for Si 251.611 Recovery = Not calculated						

QC Failed. Continue with analysis.

Sequence No.: 23 **Autosampler Location: 10**
Sample ID: CCVGM **Date Collected: 10/24/2002 13:05:47**
Analyst:
Nebulizer Back Pressure: 155.0 kPa **Nebulizer Flow: 0.55 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: CCVGM

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	901.1	0.005	mg/L	0.0003	0.005	mg/L	0.0003	5.53%
Al 308.215	387.5	0.024	mg/L	0.0030	0.024	mg/L	0.0030	12.81%
As 188.979	22.0	0.015	mg/L	0.0044	0.015	mg/L	0.0044	30.32%
B 249.677	2362.1	0.043	mg/L	0.0007	0.043	mg/L	0.0007	1.69%
Ba 233.527	216.9	0.002	mg/L	0.0000	0.002	mg/L	0.0000	0.54%
Be 313.107	170.3	0.001	mg/L	0.0006	0.001	mg/L	0.0006	60.67%
Bi 223.061	11.8	0.003	mg/L	0.0028	0.003	mg/L	0.0028	89.10%
Bi 190.171	-5.5	-0.005	mg/L	0.0031	-0.005	mg/L	0.0031	63.52%
Ca 315.887	583951.3	108	mg/L	1.9	108	mg/L	1.9	1.76%
QC value within limits for Ca 315.887 Recovery = 107.54%								
Ca 317.933	772667.5	108	mg/L	2.3	108	mg/L	2.3	2.15%
QC value within limits for Ca 317.933 Recovery = 107.81%								
Cd 214.440	9.7	0.000	mg/L	0.0001	0.000	mg/L	0.0001	71.05%
Co 228.616	62.2	0.002	mg/L	0.0002	0.002	mg/L	0.0002	13.09%
Cr 267.716	106.4	0.002	mg/L	0.0001	0.002	mg/L	0.0001	2.36%
Cu 324.752	871.4	0.004	mg/L	0.0002	0.004	mg/L	0.0002	4.42%
Fe 238.204	647.6	0.013	mg/L	0.0006	0.013	mg/L	0.0006	4.92%
Fe 273.955	298.2	0.011	mg/L	0.0003	0.011	mg/L	0.0003	2.66%
K 766.490	255348.8	107	mg/L	2.0	107	mg/L	2.0	1.89%
QC value within limits for K 766.490 Recovery = 106.78%								
Mg 279.077	1822001.7	113	mg/L	3.4	113	mg/L	3.4	3.00%
QC value greater than the upper limit for Mg 279.077 Recovery = 112.50%								
Mn 257.610	1132.4	0.004	mg/L	0.0001	0.004	mg/L	0.0001	2.50%
Mo 202.031	114.5	0.013	mg/L	0.0012	0.013	mg/L	0.0012	9.26%
Na 589.592	619369.9	105	mg/L	1.8	105	mg/L	1.8	1.71%
QC value within limits for Na 589.592 Recovery = 105.32%								
Na 330.237	2169.1	105	mg/L	3.2	105	mg/L	3.2	3.02%
QC value within limits for Na 330.237 Recovery = 104.55%								
Ni 231.604	58.7	0.002	mg/L	0.0003	0.002	mg/L	0.0003	14.68%
Pb 220.353	-101.2	-0.015	mg/L	0.0004	-0.015	mg/L	0.0004	2.46%
Sb 206.836	29.1	0.014	mg/L	0.0010	0.014	mg/L	0.0010	7.04%
Se 196.026	23.2	0.018	mg/L	0.0039	0.018	mg/L	0.0039	21.45%
Sn 189.927	-170.2	-0.035	mg/L	0.0004	-0.035	mg/L	0.0004	1.11%
Sr 407.771	6691.5	0.015	mg/L	0.0000	0.015	mg/L	0.0000	0.00%
Sr 421.552	4643.4	0.014	mg/L	0.0002	0.014	mg/L	0.0002	1.53%
Ti 334.940	726.0	0.001	mg/L	0.0002	0.001	mg/L	0.0002	23.06%
Tl 190.801	-5.9	-0.004	mg/L	0.0007	-0.004	mg/L	0.0007	16.38%
V 290.880	-1620.7	-0.011	mg/L	0.0020	-0.011	mg/L	0.0020	17.89%
W 207.912	221.6	0.057	mg/L	0.0013	0.057	mg/L	0.0013	2.35%
Y 371.029	127.5						29.93	23.48%
Y	48.6						59.85	123.06%
Zn 206.200	95.9	0.005	mg/L	0.0002	0.005	mg/L	0.0002	3.55%
P 213.617	6.4	0.122	mg/L	0.0228	0.122	mg/L	0.0228	18.72%
Si 251.611	146.3	0.004	mg/L	0.0002	0.004	mg/L	0.0002	6.16%

Analysis Begun

Start Time: 10/24/2002 15:58:19
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV
Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-24-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 47
Sample ID: CCV
Analyst:
Nebulizer Back Pressure: 157.0 kPa
Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 10/24/2002 15:58:19
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	81854.5	0.446	mg/L	0.0021	0.446	mg/L	0.0021	0.46%
QC value less than the lower limit for Ag 328.068 Recovery = 89.25%								
Al 308.215	16641.7	1.02	mg/L	0.014	1.02	mg/L	0.014	1.37%
QC value within limits for Al 308.215 Recovery = 102.25%								
As 188.979	1590.4	1.05	mg/L	0.001	1.05	mg/L	0.001	0.14%
QC value within limits for As 188.979 Recovery = 105.32%								
B 249.677	53553.8	0.973	mg/L	0.0076	0.973	mg/L	0.0076	0.78%
QC value within limits for B 249.677 Recovery = 97.34%								
Ba 233.527	113883.9	1.01	mg/L	0.002	1.01	mg/L	0.002	0.24%
QC value within limits for Ba 233.527 Recovery = 101.16%								
Be 313.107	162414.4	0.991	mg/L	0.0100	0.991	mg/L	0.0100	1.01%
QC value within limits for Be 313.107 Recovery = 99.05%								
Bi 223.061	-101.3	-0.027	mg/L	0.0006	-0.027	mg/L	0.0006	2.25%
QC value less than the lower limit for Bi 223.061 Recovery = -2.70%								
Bi 190.171	0.8	0.001	mg/L	0.0011	0.001	mg/L	0.0011	159.96%
QC value less than the lower limit for Bi 190.171 Recovery = 0.07%								
Ca 315.887	6442.3	1.10	mg/L	0.020	1.10	mg/L	0.020	1.77%
QC value less than the lower limit for Ca 315.887 Recovery = 1.10%								
Ca 317.933	8650.6	1.11	mg/L	0.030	1.11	mg/L	0.030	2.69%
QC value less than the lower limit for Ca 317.933 Recovery = 1.11%								
Cd 214.440	53131.0	1.02	mg/L	0.003	1.02	mg/L	0.003	0.33%
QC value within limits for Cd 214.440 Recovery = 102.44%								
Co 228.616	34824.4	1.05	mg/L	0.001	1.05	mg/L	0.001	0.11%
QC value within limits for Co 228.616 Recovery = 105.00%								
Cr 267.716	45271.4	1.04	mg/L	0.001	1.04	mg/L	0.001	0.14%
QC value within limits for Cr 267.716 Recovery = 104.36%								
Cu 324.752	208469.7	0.994	mg/L	0.0029	0.994	mg/L	0.0029	0.29%
QC value within limits for Cu 324.752 Recovery = 99.43%								
Fe 238.204	51417.7	0.997	mg/L	0.0056	0.997	mg/L	0.0056	0.56%
QC value within limits for Fe 238.204 Recovery = 99.69%								
Fe 273.955	26662.7	1.01	mg/L	0.001	1.01	mg/L	0.001	0.10%
QC value within limits for Fe 273.955 Recovery = 101.16%								
K 766.490	31310.6	10.9	mg/L	0.20	10.9	mg/L	0.20	1.82%
QC value less than the lower limit for K 766.490 Recovery = 10.94%								
Mg 279.077	21618.8	1.16	mg/L	0.003	1.16	mg/L	0.003	0.25%
QC value less than the lower limit for Mg 279.077 Recovery = 1.16%								
Mn 257.610	305631.8	1.02	mg/L	0.006	1.02	mg/L	0.006	0.54%
QC value within limits for Mn 257.610 Recovery = 101.89%								
Mo 202.031	8100.7	0.926	mg/L	0.0102	0.926	mg/L	0.0102	1.10%
QC value within limits for Mo 202.031 Recovery = 92.57%								
Na 589.592	51233.7	6.71	mg/L	0.139	6.71	mg/L	0.139	2.07%
QC value less than the lower limit for Na 589.592 Recovery = 6.71%								
Na 330.237	-53.8	-2.37	mg/L	0.148	-2.37	mg/L	0.148	6.24%
QC value less than the lower limit for Na 330.237 Recovery = -2.37%								
Ni 231.604	28027.4	1.04	mg/L	0.006	1.04	mg/L	0.006	0.55%
QC value within limits for Ni 231.604 Recovery = 104.10%								
Pb 220.353	6827.8	1.02	mg/L	0.003	1.02	mg/L	0.003	0.31%

QC value within limits for Pb 220.353 Recovery = 102.06%						
Sb 206.836	2154.9	1.01 mg/L	0.005	1.01 mg/L	0.005	0.52%
QC value within limits for Sb 206.836 Recovery = 101.14%						
Se 196.026	1300.7	1.01 mg/L	0.003	1.01 mg/L	0.003	0.33%
QC value within limits for Se 196.026 Recovery = 100.58%						
Sn 189.927	-10.2	-0.002 mg/L	0.0002	-0.002 mg/L	0.0002	11.28%
QC value less than the lower limit for Sn 189.927 Recovery = -0.21%						
Sr 407.771	408806.5	0.891 mg/L	0.0052	0.891 mg/L	0.0052	0.58%
QC value less than the lower limit for Sr 407.771 Recovery = 89.14%						
Sr 421.552	293057.4	0.903 mg/L	0.0042	0.903 mg/L	0.0042	0.47%
QC value within limits for Sr 421.552 Recovery = 90.27%						
Ti 334.940	772967.3	1.07 mg/L	0.000	1.07 mg/L	0.000	0.03%
QC value within limits for Ti 334.940 Recovery = 107.47%						
Tl 190.801	1503.6	1.02 mg/L	0.001	1.02 mg/L	0.001	0.11%
QC value within limits for Tl 190.801 Recovery = 101.84%						
V 290.880	153339.1	1.03 mg/L	0.001	1.03 mg/L	0.001	0.14%
QC value within limits for V 290.880 Recovery = 103.40%						
W 207.912	80.5	0.021 mg/L	0.0007	0.021 mg/L	0.0007	3.44%
QC value less than the lower limit for W 207.912 Recovery = 2.07%						
Y 371.029	-141.1				60.53	42.89%
Y	78.6				49.53	63.02%
Zn 206.200	18221.3	1.01 mg/L	0.007	1.01 mg/L	0.007	0.65%
QC value within limits for Zn 206.200 Recovery = 101.23%						
P 213.617	-164.1	-3.13 mg/L	0.021	-3.13 mg/L	0.021	0.66%
QC value less than the lower limit for P 213.617 Recovery = -6.25%						
Si 251.611	167988.0	4.60 mg/L	0.005	4.60 mg/L	0.005	0.11%
QC value within limits for Si 251.611 Recovery = 92.03%						

QC Failed. Continue with analysis.

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Analysis Begun

Start Time: 10/24/2002 16:02:15 **Plasma On Time: 10/24/2002 10:54:15**
Logged In Analyst: kedy **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\Administrator\Sample Information\10-24-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

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Sequence No.: 48 **Autosampler Location: 8**
Sample ID: CCB **Date Collected: 10/24/2002 16:02:16**
Analyst:
Nebulizer Back Pressure: 158.0 kPa **Nebulizer Flow: 0.55 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-94.0	-0.001	mg/L	0.0006	-0.001	mg/L	0.0006	107.68%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215	-125.9	-0.008	mg/L	0.0028	-0.008	mg/L	0.0028	35.84%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979	1.7	0.001	mg/L	0.0016	0.001	mg/L	0.0016	144.63%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677	414.1	0.008	mg/L	0.0004	0.008	mg/L	0.0004	5.93%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527	-0.9	0.000	mg/L	0.0001	0.000	mg/L	0.0001	950.41%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107	21.0	0.000	mg/L	0.0005	0.000	mg/L	0.0005	419.52%
QC value within limits for Be 313.107 Recovery = Not calculated								
Bi 223.061	-6.8	-0.002	mg/L	0.0004	-0.002	mg/L	0.0004	21.43%
QC value within limits for Bi 223.061 Recovery = Not calculated								
Bi 190.171	-3.8	-0.003	mg/L	0.0021	-0.003	mg/L	0.0021	64.80%
QC value within limits for Bi 190.171 Recovery = Not calculated								
Ca 315.887	46.6	0.008	mg/L	0.0019	0.008	mg/L	0.0019	23.41%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Ca 317.933	59.0	0.008	mg/L	0.0099	0.008	mg/L	0.0099	131.17%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440	1.4	0.000	mg/L	0.0000	0.000	mg/L	0.0000	120.61%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616	-8.0	0.000	mg/L	0.0001	0.000	mg/L	0.0001	47.51%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716	11.9	0.000	mg/L	0.0001	0.000	mg/L	0.0001	53.53%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752	-95.1	0.000	mg/L	0.0001	0.000	mg/L	0.0001	12.46%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 238.204	-113.2	-0.002	mg/L	0.0001	-0.002	mg/L	0.0001	2.61%
QC value within limits for Fe 238.204 Recovery = Not calculated								
Fe 273.955	-33.1	-0.001	mg/L	0.0012	-0.001	mg/L	0.0012	95.45%
QC value within limits for Fe 273.955 Recovery = Not calculated								
K 766.490	940.4	0.329	mg/L	0.1337	0.329	mg/L	0.1337	40.67%
QC value greater than the upper limit for K 766.490 Recovery = Not calculated								
Mg 279.077	-28.9	-0.002	mg/L	0.0080	-0.002	mg/L	0.0080	516.00%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	-83.2	0.000	mg/L	0.0001	0.000	mg/L	0.0001	50.82%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	69.9	0.008	mg/L	0.0005	0.008	mg/L	0.0005	6.14%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592	34995.8	4.58	mg/L	0.029	4.58	mg/L	0.029	0.62%
QC value greater than the upper limit for Na 589.592 Recovery = Not calculated								
Na 330.237	71.7	3.16	mg/L	0.801	3.16	mg/L	0.801	25.35%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Ni 231.604	-0.0	0.000	mg/L	0.0000	0.000	mg/L	0.0000	>999.9%
QC value within limits for Ni 231.604 Recovery = Not calculated								

Pb 220.353	0.6	0.000 mg/L	0.0004	0.000 mg/L	0.0004	499.85%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836	-1.0	0.000 mg/L	0.0025	0.000 mg/L	0.0025	544.39%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026	6.7	0.005 mg/L	0.0012	0.005 mg/L	0.0012	22.69%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927	-6.7	-0.001 mg/L	0.0001	-0.001 mg/L	0.0001	4.30%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Sr 407.771	10.7	0.000 mg/L	0.0001	0.000 mg/L	0.0001	336.43%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Sr 421.552	47.2	0.000 mg/L	0.0002	0.000 mg/L	0.0002	110.33%
QC value within limits for Sr 421.552 Recovery = Not calculated						
Ti 334.940	137.3	0.000 mg/L	0.0000	0.000 mg/L	0.0000	5.86%
QC value within limits for Ti 334.940 Recovery = Not calculated						
Tl 190.801	2.5	0.002 mg/L	0.0010	0.002 mg/L	0.0010	58.24%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 290.880	186.7	0.001 mg/L	0.0006	0.001 mg/L	0.0006	47.75%
QC value within limits for V 290.880 Recovery = Not calculated						
W 207.912	35.9	0.009 mg/L	0.0006	0.009 mg/L	0.0006	6.83%
QC value within limits for W 207.912 Recovery = Not calculated						
Y 371.029	-73.8				60.83	82.45%
Y	-6.2				116.84	>999.9%
Zn 206.200	-20.4	-0.001 mg/L	0.0002	-0.001 mg/L	0.0002	18.65%
QC value within limits for Zn 206.200 Recovery = Not calculated						
P 213.617	2.0	0.037 mg/L	0.0187	0.037 mg/L	0.0187	50.14%
QC value greater than the upper limit for P 213.617 Recovery = Not calculated						
Si 251.611	-679.7	-0.019 mg/L	0.0004	-0.019 mg/L	0.0004	2.00%
QC value less than the lower limit for Si 251.611 Recovery = Not calculated						

All analytes passed QC.

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Analysis Begun

Start Time: 10/24/2002 16:08:10
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV
Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-24-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

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Sequence No.: 45
Sample ID: BLKTCLP
Analyst: KN
Nebulizer Back Pressure: 157.0 kPa
Sample Wt:
Dilution:
Autosampler Location: 118
Date Collected: 10/24/2002 16:08:10
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: BLKTCLP

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-87.6	0.000	mg/L	0.0005	0.000	mg/L	0.0005	95.40%
Al 308.215	102.1	0.006	mg/L	0.0069	0.006	mg/L	0.0069	109.81%
As 188.979	5.0	0.003	mg/L	0.0019	0.003	mg/L	0.0019	58.77%
B 249.677	210.1	0.004	mg/L	0.0001	0.004	mg/L	0.0001	2.09%
Ba 233.527	352.3	0.003	mg/L	0.0001	0.003	mg/L	0.0001	3.50%
Be 313.107	-57.2	0.000	mg/L	0.0004	0.000	mg/L	0.0004	106.61%
Bi 223.061	-20.2	-0.005	mg/L	0.0041	-0.005	mg/L	0.0041	76.44%
Bi 190.171	-7.3	-0.006	mg/L	0.0064	-0.006	mg/L	0.0064	100.75%
Ca 315.887	311.3	0.053	mg/L	0.0024	0.053	mg/L	0.0024	4.43%
Ca 317.933	331.8	0.043	mg/L	0.0144	0.043	mg/L	0.0144	33.81%
Cd 214.440	-6.0	0.000	mg/L	0.0001	0.000	mg/L	0.0001	75.49%
Co 228.616	2.3	0.000	mg/L	0.0001	0.000	mg/L	0.0001	165.76%
Cr 267.716	11.8	0.000	mg/L	0.0001	0.000	mg/L	0.0001	24.44%
Cu 324.752	6.6	0.000	mg/L	0.0005	0.000	mg/L	0.0005	>999.9%
Fe 238.204	165.6	0.003	mg/L	0.0000	0.003	mg/L	0.0000	1.15%
Fe 273.955	74.3	0.003	mg/L	0.0003	0.003	mg/L	0.0003	11.98%
K 766.490	3858.8	1.35	mg/L	0.038	1.35	mg/L	0.038	2.83%
Mg 279.077	234.6	0.013	mg/L	0.0008	0.013	mg/L	0.0008	6.63%
Mn 257.610	-96.6	0.000	mg/L	0.0000	0.000	mg/L	0.0000	1.76%
Mo 202.031	92.9	0.011	mg/L	0.0011	0.011	mg/L	0.0011	9.97%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	29885.2	1320	mg/L	20.4	1320	mg/L	20.4	1.55%
Ni 231.604	-5.9	0.000	mg/L	0.0001	0.000	mg/L	0.0001	52.42%
Pb 220.353	-12.4	-0.002	mg/L	0.0003	-0.002	mg/L	0.0003	15.48%
Sb 206.836	9.4	0.004	mg/L	0.0024	0.004	mg/L	0.0024	54.71%
Se 196.026	12.3	0.009	mg/L	0.0013	0.009	mg/L	0.0013	13.53%
Sn 189.927	2.6	0.001	mg/L	0.0015	0.001	mg/L	0.0015	276.66%
Sr 407.771	1800.3	0.004	mg/L	0.0001	0.004	mg/L	0.0001	2.56%
Sr 421.552	1372.7	0.004	mg/L	0.0001	0.004	mg/L	0.0001	3.43%
Ti 334.940	1472.9	0.002	mg/L	0.0003	0.002	mg/L	0.0003	12.71%
Tl 190.801	3.9	0.003	mg/L	0.0006	0.003	mg/L	0.0006	21.96%
V 290.880	562.7	0.004	mg/L	0.0010	0.004	mg/L	0.0010	27.46%
W 207.912	1121.5	0.288	mg/L	0.0065	0.288	mg/L	0.0065	2.25%
Y 371.029	-82.7						35.09	42.45%
Y	41.9						38.46	91.85%
Zn 206.200	-15.2	-0.001	mg/L	0.0000	-0.001	mg/L	0.0000	2.90%
P 213.617	2.2	0.041	mg/L	0.0153	0.041	mg/L	0.0153	37.35%
Si 251.611	-539.0	-0.015	mg/L	0.0003	-0.015	mg/L	0.0003	1.88%

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Analysis Begun

Start Time: 10/24/2002 16:11:07
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV

Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-24-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

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Sequence No.: 46
Sample ID: LCSTCLP
Analyst: KN
Nebulizer Back Pressure: 157.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 119
Date Collected: 10/24/2002 16:11:07

Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: LCSTCLP

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	157395.8	0.858	mg/L	0.0268	0.858	mg/L	0.0268	3.12%
Al 308.215	30154.5	1.85	mg/L	0.068	1.85	mg/L	0.068	3.65%
As 188.979	3363.1	2.23	mg/L	0.016	2.23	mg/L	0.016	0.74%
B 249.677	106691.4	1.94	mg/L	0.066	1.94	mg/L	0.066	3.40%
Ba 233.527	212664.5	1.89	mg/L	0.061	1.89	mg/L	0.061	3.25%
Be 313.107	338582.2	2.06	mg/L	0.040	2.06	mg/L	0.040	1.95%
Bi 223.061	-159.6	-0.043	mg/L	0.0092	-0.043	mg/L	0.0092	21.69%
Bi 190.171	-2.0	-0.002	mg/L	0.0072	-0.002	mg/L	0.0072	402.47%
Ca 315.887	13715.7	2.35	mg/L	0.112	2.35	mg/L	0.112	4.77%
Ca 317.933	18343.1	2.35	mg/L	0.066	2.35	mg/L	0.066	2.81%
Cd 214.440	104861.5	2.02	mg/L	0.066	2.02	mg/L	0.066	3.25%
Co 228.616	65901.6	1.99	mg/L	0.071	1.99	mg/L	0.071	3.57%
Cr 267.716	86500.6	1.99	mg/L	0.059	1.99	mg/L	0.059	2.96%
Cu 324.752	404038.5	1.93	mg/L	0.002	1.93	mg/L	0.002	0.11%
Fe 238.204	97739.6	1.89	mg/L	0.060	1.89	mg/L	0.060	3.19%
Fe 273.955	50969.2	1.93	mg/L	0.056	1.93	mg/L	0.056	2.92%
K 766.490	78734.0	27.5	mg/L	0.46	27.5	mg/L	0.46	1.66%
Mg 279.077	38506.0	2.07	mg/L	0.055	2.07	mg/L	0.055	2.66%
Mn 257.610	566295.7	1.89	mg/L	0.007	1.89	mg/L	0.007	0.38%
Mo 202.031	17014.5	1.94	mg/L	0.064	1.94	mg/L	0.064	3.29%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	31187.2	1370	mg/L	40.8	1370	mg/L	40.8	2.97%
Ni 231.604	52563.2	1.95	mg/L	0.057	1.95	mg/L	0.057	2.94%
Pb 220.353	13316.0	1.99	mg/L	0.058	1.99	mg/L	0.058	2.92%
Sb 206.836	4504.4	2.11	mg/L	0.009	2.11	mg/L	0.009	0.44%
Se 196.026	2841.9	2.20	mg/L	0.008	2.20	mg/L	0.008	0.36%
Sn 189.927	-0.4	0.000	mg/L	0.0011	0.000	mg/L	0.0011	>999.9%
Sr 407.771	822533.0	1.79	mg/L	0.058	1.79	mg/L	0.058	3.23%
Sr 421.552	589332.2	1.82	mg/L	0.056	1.82	mg/L	0.056	3.09%
Ti 334.940	1518193.9	2.11	mg/L	0.003	2.11	mg/L	0.003	0.15%
Tl 190.801	2609.7	1.77	mg/L	0.008	1.77	mg/L	0.008	0.44%
V 290.880	302238.3	2.04	mg/L	0.067	2.04	mg/L	0.067	3.28%
W 207.912	150.0	0.038	mg/L	0.0004	0.038	mg/L	0.0004	1.12%
Y 371.029	5.4						20.04	370.82%
Y	46.8						131.01	280.04%
Zn 206.200	36869.7	2.05	mg/L	0.079	2.05	mg/L	0.079	3.86%
P 213.617	-333.7	-6.36	mg/L	0.059	-6.36	mg/L	0.059	0.93%
Si 251.611	340407.4	9.32	mg/L	0.289	9.32	mg/L	0.289	3.10%

Sequence No.: 47
Sample ID: CCV
Analyst:
Nebulizer Back Pressure: 158.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 10/24/2002 16:14:16
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Analysis Begun

Start Time: 10/24/2002 16:17:53
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV

Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-24-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 50
Sample ID: 386813
Analyst: KN
Nebulizer Back Pressure: 158.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 120
Date Collected: 10/24/2002 16:17:53
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: 386813

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	935.6	0.005	mg/L	0.0007	0.005	mg/L	0.0007	13.41%
Al 308.215	443.6	0.027	mg/L	0.0078	0.027	mg/L	0.0078	28.64%
As 188.979	-4.6	-0.003	mg/L	0.0009	-0.003	mg/L	0.0009	28.49%
B 249.677	8963.8	0.163	mg/L	0.0002	0.163	mg/L	0.0002	0.13%
Ba 233.527	79896.3	0.710	mg/L	0.0272	0.710	mg/L	0.0272	3.83%
Be 313.107	6.6	0.000	mg/L	0.0000	0.000	mg/L	0.0000	100.47%
Bi 223.061	188.7	0.050	mg/L	0.0014	0.050	mg/L	0.0014	2.78%
Bi 190.171	-28.9	-0.025	mg/L	0.0064	-0.025	mg/L	0.0064	25.33%
Ca 315.887	6987537.0	1200	mg/L	8.4	1200	mg/L	8.4	0.70%
Ca 317.933	9256970.2	1190	mg/L	10.5	1190	mg/L	10.5	0.89%
Cd 214.440	-40.3	-0.001	mg/L	0.0001	-0.001	mg/L	0.0001	12.10%
Co 228.616	142.6	0.004	mg/L	0.0001	0.004	mg/L	0.0001	3.10%
Cr 267.716	51.2	0.001	mg/L	0.0000	0.001	mg/L	0.0000	1.90%
Cu 324.752	656.3	0.003	mg/L	0.0002	0.003	mg/L	0.0002	6.40%
Fe 238.204	998.1	0.019	mg/L	0.0007	0.019	mg/L	0.0007	3.49%
Fe 273.955	525.7	0.020	mg/L	0.0003	0.020	mg/L	0.0003	1.32%
K 766.490	22752.6	7.95	mg/L	0.543	7.95	mg/L	0.543	6.84%
Mg 279.077	528466.2	28.5	mg/L	1.23	28.5	mg/L	1.23	4.31%
Mn 257.610	337723.9	1.13	mg/L	0.051	1.13	mg/L	0.051	4.53%
Mo 202.031	224.0	0.026	mg/L	0.0029	0.026	mg/L	0.0029	11.27%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	31563.8	1390	mg/L	33.4	1390	mg/L	33.4	2.40%
Ni 231.604	307.9	0.011	mg/L	0.0000	0.011	mg/L	0.0000	0.24%
Pb 220.353	-262.6	-0.039	mg/L	0.0009	-0.039	mg/L	0.0009	2.41%
Sb 206.836	-7.5	-0.004	mg/L	0.0011	-0.004	mg/L	0.0011	32.28%
Se 196.026	61.0	0.047	mg/L	0.0010	0.047	mg/L	0.0010	2.19%
Sn 189.927	-309.2	-0.064	mg/L	0.0008	-0.064	mg/L	0.0008	1.21%
Sr 407.771	3112394.3	6.79	mg/L	0.049	6.79	mg/L	0.049	0.72%
Sr 421.552	2245333.3	6.92	mg/L	0.043	6.92	mg/L	0.043	0.62%
Ti 334.940	-26675.0	-0.037	mg/L	0.0010	-0.037	mg/L	0.0010	2.69%
Tl 190.801	-26.5	-0.018	mg/L	0.0043	-0.018	mg/L	0.0043	23.93%
V 290.880	-273.9	-0.002	mg/L	0.0010	-0.002	mg/L	0.0010	54.82%
W 207.912	61.4	0.016	mg/L	0.0001	0.016	mg/L	0.0001	0.46%
Y 371.029	506.1						52.42	10.36%
Y	85.4						75.01	87.81%
Zn 206.200	5277.2	0.293	mg/L	0.0004	0.293	mg/L	0.0004	0.14%
P 213.617	39.6	0.754	mg/L	0.0933	0.754	mg/L	0.0933	12.37%
Si 251.611	88014.4	2.41	mg/L	0.100	2.41	mg/L	0.100	4.13%

Sequence No.: 51 **Autosampler Location: 121**
Sample ID: 386813-SP **Date Collected: 10/24/2002 16:21:01**
Analyst: KN
Nebulizer Back Pressure: 160.0 kPa **Nebulizer Flow: 0.55 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: 386813-SP

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	64005.2	0.349	mg/L	0.0032	0.349	mg/L	0.0032	0.92%
Al 308.215	13880.5	0.853	mg/L	0.0099	0.853	mg/L	0.0099	1.17%
As 188.979	1541.3	1.02	mg/L	0.005	1.02	mg/L	0.005	0.45%
B 249.677	57952.9	1.05	mg/L	0.019	1.05	mg/L	0.019	1.83%
Ba 233.527	172624.1	1.53	mg/L	0.021	1.53	mg/L	0.021	1.34%
Be 313.107	145497.1	0.887	mg/L	0.0014	0.887	mg/L	0.0014	0.16%
Bi 223.061	103.0	0.027	mg/L	0.0011	0.027	mg/L	0.0011	3.96%
Bi 190.171	-33.8	-0.030	mg/L	0.0081	-0.030	mg/L	0.0081	27.09%
Ca 315.887	6595434.8	1130	mg/L	37.4	1130	mg/L	37.4	3.31%
Ca 317.933	8728713.6	1120	mg/L	33.5	1120	mg/L	33.5	3.00%
Cd 214.440	44898.7	0.866	mg/L	0.0130	0.866	mg/L	0.0130	1.50%
Co 228.616	28241.5	0.851	mg/L	0.0051	0.851	mg/L	0.0051	0.60%
Cr 267.716	38346.7	0.884	mg/L	0.0143	0.884	mg/L	0.0143	1.62%
Cu 324.752	188413.3	0.899	mg/L	0.0130	0.899	mg/L	0.0130	1.45%
Fe 238.204	45359.1	0.879	mg/L	0.0145	0.879	mg/L	0.0145	1.65%
Fe 273.955	23023.9	0.874	mg/L	0.0033	0.874	mg/L	0.0033	0.37%
K 766.490	23833.6	8.33	mg/L	0.083	8.33	mg/L	0.083	0.99%
Mg 279.077	509039.6	27.4	mg/L	0.39	27.4	mg/L	0.39	1.41%
Mn 257.610	579718.3	1.93	mg/L	0.029	1.93	mg/L	0.029	1.51%
Mo 202.031	7627.6	0.872	mg/L	0.0065	0.872	mg/L	0.0065	0.75%
Na 589.592	8956104.3	1170	mg/L	11.4	1170	mg/L	11.4	0.98%
Na 330.237	29044.5	1280	mg/L	3.4	1280	mg/L	3.4	0.27%
Ni 231.604	23031.5	0.855	mg/L	0.0180	0.855	mg/L	0.0180	2.10%
Pb 220.353	5284.1	0.790	mg/L	0.0027	0.790	mg/L	0.0027	0.34%
Sb 206.836	2043.3	0.959	mg/L	0.0053	0.959	mg/L	0.0053	0.55%
Se 196.026	1338.6	1.04	mg/L	0.011	1.04	mg/L	0.011	1.05%
Sn 189.927	-302.6	-0.063	mg/L	0.0017	-0.063	mg/L	0.0017	2.69%
Sr 407.771	3000372.6	6.54	mg/L	0.112	6.54	mg/L	0.112	1.71%
Sr 421.552	2141762.9	6.60	mg/L	0.165	6.60	mg/L	0.165	2.50%
Ti 334.940	-26390.0	-0.037	mg/L	0.0007	-0.037	mg/L	0.0007	1.92%
Tl 190.801	1118.4	0.758	mg/L	0.0073	0.758	mg/L	0.0073	0.97%
V 290.880	137940.4	0.930	mg/L	0.0116	0.930	mg/L	0.0116	1.25%
W 207.912	124.5	0.032	mg/L	0.0000	0.032	mg/L	0.0000	0.15%
Y 371.029	510.3						12.87	2.52%
Y	-4.7						73.94	>999.9%
Zn 206.200	19453.2	1.08	mg/L	0.007	1.08	mg/L	0.007	0.62%
P 213.617	-111.2	-2.12	mg/L	0.020	-2.12	mg/L	0.020	0.97%
Si 251.611	90349.3	2.47	mg/L	0.034	2.47	mg/L	0.034	1.37%

Sequence No.: 52 **Autosampler Location: 122**
Sample ID: 386813-SPD **Date Collected: 10/24/2002 16:24:16**
Analyst: KN
Nebulizer Back Pressure: 163.0 kPa **Nebulizer Flow: 0.55 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: 386813-SPD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	66747.4	0.364	mg/L	0.0017	0.364	mg/L	0.0017	0.45%
Al 308.215	13911.5	0.855	mg/L	0.0050	0.855	mg/L	0.0050	0.58%
As 188.979	1605.9	1.06	mg/L	0.003	1.06	mg/L	0.003	0.26%
B 249.677	59508.9	1.08	mg/L	0.009	1.08	mg/L	0.009	0.85%
Ba 233.527	177300.8	1.57	mg/L	0.007	1.57	mg/L	0.007	0.44%
Be 313.107	157384.3	0.960	mg/L	0.0092	0.960	mg/L	0.0092	0.95%
Bi 223.061	102.2	0.027	mg/L	0.0020	0.027	mg/L	0.0020	7.16%
Bi 190.171	-24.5	-0.022	mg/L	0.0063	-0.022	mg/L	0.0063	29.03%
Ca 315.887	6883813.9	1180	mg/L	26.7	1180	mg/L	26.7	2.26%
Ca 317.933	9101099.3	1170	mg/L	29.7	1170	mg/L	29.7	2.55%
Cd 214.440	45925.4	0.885	mg/L	0.0007	0.885	mg/L	0.0007	0.08%
Co 228.616	29426.2	0.887	mg/L	0.0065	0.887	mg/L	0.0065	0.73%
Cr 267.716	39145.7	0.902	mg/L	0.0049	0.902	mg/L	0.0049	0.55%
Cu 324.752	192708.5	0.919	mg/L	0.0087	0.919	mg/L	0.0087	0.94%
Fe 238.204	45366.1	0.880	mg/L	0.0062	0.880	mg/L	0.0062	0.70%
Fe 273.955	23512.0	0.892	mg/L	0.0057	0.892	mg/L	0.0057	0.63%
K 766.490	23939.5	8.37	mg/L	0.092	8.37	mg/L	0.092	1.10%
Mg 279.077	526631.8	28.4	mg/L	0.08	28.4	mg/L	0.08	0.28%
Mn 257.610	595060.3	1.98	mg/L	0.003	1.98	mg/L	0.003	0.17%
Mo 202.031	7924.9	0.906	mg/L	0.0096	0.906	mg/L	0.0096	1.06%
Na 589.592	Saturated2							
Saturated in preshot (code 2)								
Na 330.237	31792.8	1400	mg/L	10.7	1400	mg/L	10.7	0.76%
Ni 231.604	23485.8	0.872	mg/L	0.0046	0.872	mg/L	0.0046	0.53%
Pb 220.353	5521.9	0.825	mg/L	0.0056	0.825	mg/L	0.0056	0.67%
Sb 206.836	2127.3	0.998	mg/L	0.0017	0.998	mg/L	0.0017	0.17%
Se 196.026	1400.3	1.08	mg/L	0.009	1.08	mg/L	0.009	0.83%
Sn 189.927	-314.8	-0.065	mg/L	0.0002	-0.065	mg/L	0.0002	0.25%
Sr 407.771	3134989.8	6.84	mg/L	0.165	6.84	mg/L	0.165	2.42%
Sr 421.552	2256010.5	6.95	mg/L	0.145	6.95	mg/L	0.145	2.08%
Ti 334.940	-28146.7	-0.039	mg/L	0.0001	-0.039	mg/L	0.0001	0.31%
Tl 190.801	1154.8	0.782	mg/L	0.0034	0.782	mg/L	0.0034	0.44%
V 290.880	141096.6	0.951	mg/L	0.0063	0.951	mg/L	0.0063	0.66%
W 207.912	110.4	0.028	mg/L	0.0012	0.028	mg/L	0.0012	4.30%
Y 371.029	484.2						2.55	0.53%
Y	40.5						90.16	222.54%
Zn 206.200	20274.0	1.13	mg/L	0.009	1.13	mg/L	0.009	0.83%
P 213.617	-114.0	-2.17	mg/L	0.165	-2.17	mg/L	0.165	7.62%
Si 251.611	93416.6	2.56	mg/L	0.010	2.56	mg/L	0.010	0.40%

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Analysis Begun

Start Time: 10/24/2002 17:40:34
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV
Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-24-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

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Sequence No.: 73
Sample ID: CCV
Analyst:
Nebulizer Back Pressure: 158.0 kPa
Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 10/24/2002 17:40:34
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	88045.3	0.502	mg/L	0.0030	0.502	mg/L	0.0030	0.60%
QC value within limits for Ag 328.068 Recovery = 100.48%								
Al 308.215	18442.0	1.05	mg/L	0.009	1.05	mg/L	0.009	0.85%
QC value within limits for Al 308.215 Recovery = 105.47%								
As 188.979	1768.1	1.06	mg/L	0.002	1.06	mg/L	0.002	0.19%
QC value within limits for As 188.979 Recovery = 105.57%								
B 249.677	61278.9	1.04	mg/L	0.005	1.04	mg/L	0.005	0.48%
QC value within limits for B 249.677 Recovery = 103.67%								
Ba 233.527	123787.3	1.01	mg/L	0.009	1.01	mg/L	0.009	0.86%
QC value within limits for Ba 233.527 Recovery = 101.19%								
Be 313.107	181986.4	1.04	mg/L	0.015	1.04	mg/L	0.015	1.44%
QC value within limits for Be 313.107 Recovery = 103.51%								
Bi 223.061	43.9	0.011	mg/L	0.0008	0.011	mg/L	0.0008	7.50%
QC value less than the lower limit for Bi 223.061 Recovery = 1.07%								
Bi 190.171	46.6	0.038	mg/L	0.0016	0.038	mg/L	0.0016	4.21%
QC value less than the lower limit for Bi 190.171 Recovery = 3.78%								
Ca 315.887	7137.6	1.07	mg/L	0.002	1.07	mg/L	0.002	0.15%
QC value less than the lower limit for Ca 315.887 Recovery = 1.07%								
Ca 317.933	9600.3	1.09	mg/L	0.007	1.09	mg/L	0.007	0.61%
QC value less than the lower limit for Ca 317.933 Recovery = 1.09%								
Cd 214.440	61714.6	1.10	mg/L	0.001	1.10	mg/L	0.001	0.10%
QC value within limits for Cd 214.440 Recovery = 109.75%								
Co 228.616	37651.1	1.03	mg/L	0.007	1.03	mg/L	0.007	0.70%
QC value within limits for Co 228.616 Recovery = 103.48%								
Cr 267.716	49321.1	1.04	mg/L	0.010	1.04	mg/L	0.010	0.97%
QC value within limits for Cr 267.716 Recovery = 104.17%								
Cu 324.752	228762.0	1.03	mg/L	0.004	1.03	mg/L	0.004	0.43%
QC value within limits for Cu 324.752 Recovery = 102.92%								
Fe 238.204	57902.8	1.04	mg/L	0.004	1.04	mg/L	0.004	0.38%
QC value within limits for Fe 238.204 Recovery = 104.30%								
Fe 273.955	29081.9	1.02	mg/L	0.011	1.02	mg/L	0.011	1.04%
QC value within limits for Fe 273.955 Recovery = 101.64%								
K 766.490	31288.9	10.3	mg/L	0.06	10.3	mg/L	0.06	0.62%
QC value less than the lower limit for K 766.490 Recovery = 10.26%								
Mg 279.077	23568.4	1.16	mg/L	0.002	1.16	mg/L	0.002	0.14%
QC value less than the lower limit for Mg 279.077 Recovery = 1.16%								
Mn 257.610	346858.8	1.11	mg/L	0.001	1.11	mg/L	0.001	0.11%
QC value greater than the upper limit for Mn 257.610 Recovery = 111.20%								
Mo 202.031	9830.8	1.03	mg/L	0.013	1.03	mg/L	0.013	1.22%
QC value within limits for Mo 202.031 Recovery = 103.46%								
Na 589.592	-2248.1	-0.301	mg/L	0.0140	-0.301	mg/L	0.0140	4.64%
QC value less than the lower limit for Na 589.592 Recovery = -0.30%								
Na 330.237	27.8	1.14	mg/L	0.194	1.14	mg/L	0.194	17.00%
QC value less than the lower limit for Na 330.237 Recovery = 1.14%								
Ni 231.604	31082.0	1.05	mg/L	0.003	1.05	mg/L	0.003	0.29%
QC value within limits for Ni 231.604 Recovery = 105.25%								
[illegible]	7709.8	[illegible]		0.000	[illegible]		0.000	0.00%

QC value within limits for Pb 220.353 Recovery = 101.18%

Sb 206.836	2373.7	1.02 mg/L	0.002	1.02 mg/L	0.002	0.24%
QC value within limits for Sb 206.836 Recovery = 101.55%						
Se 196.026	1465.4	1.02 mg/L	0.002	1.02 mg/L	0.002	0.20%
QC value within limits for Se 196.026 Recovery = 101.95%						
Sn 189.927	44.0	0.008 mg/L	0.0010	0.008 mg/L	0.0010	12.46%
QC value less than the lower limit for Sn 189.927 Recovery = 0.83%						
Sr 407.771	455605.5	0.966 mg/L	0.0007	0.966 mg/L	0.0007	0.07%
QC value within limits for Sr 407.771 Recovery = 96.58%						
Sr 421.552	325481.9	0.969 mg/L	0.0038	0.969 mg/L	0.0038	0.39%
QC value within limits for Sr 421.552 Recovery = 96.89%						
Ti 334.940	837928.0	1.10 mg/L	0.008	1.10 mg/L	0.008	0.69%
QC value greater than the upper limit for Ti 334.940 Recovery = 110.27%						
Tl 190.801	1679.5	1.04 mg/L	0.002	1.04 mg/L	0.002	0.15%
QC value within limits for Tl 190.801 Recovery = 104.48%						
V 290.880	167230.1	1.04 mg/L	0.005	1.04 mg/L	0.005	0.44%
QC value within limits for V 290.880 Recovery = 103.63%						
W 207.912	692.3	0.168 mg/L	0.0161	0.168 mg/L	0.0161	9.58%
QC value less than the lower limit for W 207.912 Recovery = 16.80%						
Y 371.029	-43.4				118.23	272.55%
Y	5.3				18.02	337.45%
Zn 206.200	21516.3	1.10 mg/L	0.006	1.10 mg/L	0.006	0.53%
QC value within limits for Zn 206.200 Recovery = 109.79%						
P 213.617	-185.7	-3.27 mg/L	0.082	-3.27 mg/L	0.082	2.49%
QC value less than the lower limit for P 213.617 Recovery = -6.54%						
Si 251.611	182410.7	4.65 mg/L	0.016	4.65 mg/L	0.016	0.34%
QC value within limits for Si 251.611 Recovery = 93.03%						

QC Failed. Continue with analysis.

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Analysis Begun

Start Time: 10/24/2002 17:43:43
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV
Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-24-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

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Sequence No.: 74
Sample ID: CCB
Analyst:
Nebulizer Back Pressure: 159.0 kPa
Sample Wt:
Dilution:
Autosampler Location: 8
Date Collected: 10/24/2002 17:43:44
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	114.2	0.001	mg/L	0.0005	0.001	mg/L	0.0005	80.84%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215	20.8	0.001	mg/L	0.0010	0.001	mg/L	0.0010	88.06%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979	4.0	0.002	mg/L	0.0014	0.002	mg/L	0.0014	59.85%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677	14.9	0.000	mg/L	0.0001	0.000	mg/L	0.0001	56.13%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527	-16.4	0.000	mg/L	0.0000	0.000	mg/L	0.0000	17.65%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107	90.4	0.001	mg/L	0.0005	0.001	mg/L	0.0005	103.41%
QC value within limits for Be 313.107 Recovery = Not calculated								
Bi 223.061	2.2	0.001	mg/L	0.0002	0.001	mg/L	0.0002	33.36%
QC value within limits for Bi 223.061 Recovery = Not calculated								
Bi 190.171	0.7	0.001	mg/L	0.0030	0.001	mg/L	0.0030	547.32%
QC value within limits for Bi 190.171 Recovery = Not calculated								
Ca 315.887	-62.6	-0.009	mg/L	0.0019	-0.009	mg/L	0.0019	19.77%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Ca 317.933	-138.7	-0.016	mg/L	0.0052	-0.016	mg/L	0.0052	32.81%
QC value less than the lower limit for Ca 317.933 Recovery = Not calculated								
Cd 214.440	19.9	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.14%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616	8.7	0.000	mg/L	0.0004	0.000	mg/L	0.0004	182.22%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716	-3.0	0.000	mg/L	0.0001	0.000	mg/L	0.0001	233.32%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752	127.3	0.001	mg/L	0.0002	0.001	mg/L	0.0002	41.06%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 238.204	-179.8	-0.003	mg/L	0.0001	-0.003	mg/L	0.0001	4.43%
QC value within limits for Fe 238.204 Recovery = Not calculated								
Fe 273.955	-176.0	-0.006	mg/L	0.0007	-0.006	mg/L	0.0007	11.06%
QC value within limits for Fe 273.955 Recovery = Not calculated								
K 766.490	-693.3	-0.227	mg/L	0.1283	-0.227	mg/L	0.1283	56.43%
QC value less than the lower limit for K 766.490 Recovery = Not calculated								
Mg 279.077	-113.7	-0.006	mg/L	0.0001	-0.006	mg/L	0.0001	1.22%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	82.0	0.000	mg/L	0.0002	0.000	mg/L	0.0002	86.62%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	19.1	0.002	mg/L	0.0006	0.002	mg/L	0.0006	31.55%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592	-10972.8	-1.47	mg/L	0.004	-1.47	mg/L	0.004	0.30%
QC value less than the lower limit for Na 589.592 Recovery = Not calculated								
Na 330.237	49.0	2.02	mg/L	5.507	2.02	mg/L	5.507	273.31%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Ni 231.604	8.2	0.000	mg/L	0.0000	0.000	mg/L	0.0000	7.26%
QC value within limits for Ni 231.604 Recovery = Not calculated								

Pb 220.353	-3.7	0.000 mg/L	0.0013	0.000 mg/L	0.0013	277.77%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Sb 206.836	-15.6	-0.007 mg/L	0.0028	-0.007 mg/L	0.0028	41.35%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Se 196.026	13.1	0.009 mg/L	0.0005	0.009 mg/L	0.0005	5.64%
QC value within limits for Se 196.026 Recovery = Not calculated						
Sn 189.927	0.1	0.000 mg/L	0.0006	0.000 mg/L	0.0006	>999.9%
QC value within limits for Sn 189.927 Recovery = Not calculated						
Sr 407.771	113.3	0.000 mg/L	0.0001	0.000 mg/L	0.0001	24.50%
QC value within limits for Sr 407.771 Recovery = Not calculated						
Sr 421.552	178.7	0.001 mg/L	0.0001	0.001 mg/L	0.0001	24.58%
QC value within limits for Sr 421.552 Recovery = Not calculated						
Ti 334.940	-1386.7	-0.002 mg/L	0.0002	-0.002 mg/L	0.0002	12.11%
QC value within limits for Ti 334.940 Recovery = Not calculated						
Tl 190.801	8.0	0.005 mg/L	0.0009	0.005 mg/L	0.0009	17.13%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 290.880	177.9	0.001 mg/L	0.0004	0.001 mg/L	0.0004	35.23%
QC value within limits for V 290.880 Recovery = Not calculated						
W 207.912	711.3	0.173 mg/L	0.0187	0.173 mg/L	0.0187	10.82%
QC value greater than the upper limit for W 207.912 Recovery = Not calculated						
Y 371.029	8.6					
Y	-77.3				2.06	24.08%
Zn 206.200	2.6	0.000 mg/L	0.0003	0.000 mg/L	4.27	5.52%
QC value within limits for Zn 206.200 Recovery = Not calculated					0.0003	219.12%
P 213.617	2.2	0.039 mg/L	0.0184	0.039 mg/L	0.0184	47.76%
QC value greater than the upper limit for P 213.617 Recovery = Not calculated						
Si 251.611	-685.6	-0.017 mg/L	0.0007	-0.017 mg/L	0.0007	3.97%
QC value less than the lower limit for Si 251.611 Recovery = Not calculated						

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Analysis Begun

Start Time: 10/24/2002 18:02:03
Logged In Analyst: kedy
Spectrometer Model: Optima 4300 DV
Plasma On Time: 10/24/2002 10:54:15
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\10-24-02.sif
Results Data Set: 10-24-02
Results Library: C:\pe\Administrator\Results\Results.mdb

==========

Sequence No.: 1
Sample ID: ICV
Analyst:
Nebulizer Back Pressure: 161.0 kPa
Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 10/24/2002 18:02:03
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	86536.2	0.494	mg/L	0.0039	0.494	mg/L	0.0039	0.80%
QC value within limits for Ag 328.068 Recovery = 98.76%								
Al 308.215	17935.1	1.03	mg/L	0.001	1.03	mg/L	0.001	0.08%
QC value within limits for Al 308.215 Recovery = 102.57%								
As 188.979	1701.7	1.02	mg/L	0.006	1.02	mg/L	0.006	0.59%
QC value within limits for As 188.979 Recovery = 101.61%								
B 249.677	59823.9	1.01	mg/L	0.013	1.01	mg/L	0.013	1.25%
QC value within limits for B 249.677 Recovery = 101.21%								
Ba 233.527	120932.0	0.989	mg/L	0.0066	0.989	mg/L	0.0066	0.66%
QC value within limits for Ba 233.527 Recovery = 98.85%								
Be 313.107	174652.3	0.993	mg/L	0.0060	0.993	mg/L	0.0060	0.60%
QC value within limits for Be 313.107 Recovery = 99.34%								
Bi 223.061	-88.8	-0.022	mg/L	0.0004	-0.022	mg/L	0.0004	1.92%
QC value less than the lower limit for Bi 223.061 Recovery = -2.17%								
Bi 190.171	3.5	0.003	mg/L	0.0053	0.003	mg/L	0.0053	184.66%
QC value less than the lower limit for Bi 190.171 Recovery = 0.29%								
Ca 315.887	6790.2	1.02	mg/L	0.009	1.02	mg/L	0.009	0.89%
QC value less than the lower limit for Ca 315.887 Recovery = 1.02%								
Ca 317.933	9087.9	1.03	mg/L	0.014	1.03	mg/L	0.014	1.33%
QC value less than the lower limit for Ca 317.933 Recovery = 1.03%								
Cd 214.440	59257.3	1.05	mg/L	0.012	1.05	mg/L	0.012	1.14%
QC value within limits for Cd 214.440 Recovery = 105.38%								
Co 228.616	36868.0	1.01	mg/L	0.002	1.01	mg/L	0.002	0.21%
QC value within limits for Co 228.616 Recovery = 101.33%								
Cr 267.716	47995.9	1.01	mg/L	0.006	1.01	mg/L	0.006	0.56%
QC value within limits for Cr 267.716 Recovery = 101.37%								
Cu 324.752	224108.1	1.01	mg/L	0.005	1.01	mg/L	0.005	0.52%
QC value within limits for Cu 324.752 Recovery = 100.82%								
Fe 238.204	56050.9	1.01	mg/L	0.015	1.01	mg/L	0.015	1.46%
QC value within limits for Fe 238.204 Recovery = 100.97%								
Fe 273.955	28052.4	0.980	mg/L	0.0027	0.980	mg/L	0.0027	0.27%
QC value within limits for Fe 273.955 Recovery = 98.04%								
K 766.490	31574.4	10.4	mg/L	0.02	10.4	mg/L	0.02	0.15%
QC value less than the lower limit for K 766.490 Recovery = 10.35%								
Mg 279.077	22665.1	1.12	mg/L	0.009	1.12	mg/L	0.009	0.82%
QC value less than the lower limit for Mg 279.077 Recovery = 1.12%								
Mn 257.610	337608.4	1.08	mg/L	0.013	1.08	mg/L	0.013	1.20%
QC value within limits for Mn 257.610 Recovery = 108.23%								
Mo 202.031	9282.7	0.977	mg/L	0.0277	0.977	mg/L	0.0277	2.83%
QC value within limits for Mo 202.031 Recovery = 97.69%								
Na 589.592	29557.0	3.96	mg/L	0.453	3.96	mg/L	0.453	11.43%
QC value less than the lower limit for Na 589.592 Recovery = 3.96%								
Na 330.237	103.5	4.26	mg/L	3.003	4.26	mg/L	3.003	70.52%
QC value less than the lower limit for Na 330.237 Recovery = 4.26%								
Ni 231.604	30170.3	1.02	mg/L	0.007	1.02	mg/L	0.007	0.72%
QC value within limits for Ni 231.604 Recovery = 102.16%								
Pb 220.353	7404.6	0.972	mg/L	0.0044	0.972	mg/L	0.0044	0.46%

QC value within limits for Pb 220.353 Recovery = 97.23%						
Sb 206.836	2291.7	0.980 mg/L	0.0057	0.980 mg/L	0.0057	0.58%
QC value within limits for Sb 206.836 Recovery = 98.04%						
Se 196.026	1417.3	0.986 mg/L	0.0027	0.986 mg/L	0.0027	0.28%
QC value within limits for Se 196.026 Recovery = 98.60%						
Sn 189.927	-2.1	0.000 mg/L	0.0002	0.000 mg/L	0.0002	51.66%
QC value less than the lower limit for Sn 189.927 Recovery = -0.04%						
Sr 407.771	438917.6	0.930 mg/L	0.0008	0.930 mg/L	0.0008	0.08%
QC value within limits for Sr 407.771 Recovery = 93.04%						
Sr 421.552	313209.3	0.932 mg/L	0.0003	0.932 mg/L	0.0003	0.03%
QC value within limits for Sr 421.552 Recovery = 93.23%						
Ti 334.940	821500.5	1.08 mg/L	0.008	1.08 mg/L	0.008	0.74%
QC value within limits for Ti 334.940 Recovery = 108.11%						
Tl 190.801	1610.8	1.00 mg/L	0.003	1.00 mg/L	0.003	0.30%
QC value within limits for Tl 190.801 Recovery = 100.20%						
V 290.880	163795.3	1.01 mg/L	0.007	1.01 mg/L	0.007	0.68%
QC value within limits for V 290.880 Recovery = 101.50%						
W 207.912	127.7	0.031 mg/L	0.0000	0.031 mg/L	0.0000	0.11%
QC value less than the lower limit for W 207.912 Recovery = 3.10%						
Y 371.029	-93.5				144.18	154.12%
Y	-91.5				6.62	7.24%
Zn 206.200	20588.5	1.05 mg/L	0.006	1.05 mg/L	0.006	0.55%
QC value within limits for Zn 206.200 Recovery = 105.06%						
P 213.617	-180.2	-3.17 mg/L	0.044	-3.17 mg/L	0.044	1.39%
Si 251.611	178136.1	4.54 mg/L	0.021	4.54 mg/L	0.021	0.47%

QC Failed. Continue with analysis.

Sequence No.: 2
Sample ID: ICB
Analyst:
Nebulizer Back Pressure: 161.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 10/24/2002 18:05:09
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	86.4	0.000	mg/L	0.0003	0.000	mg/L	0.0003	57.37%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215	88.8	0.005	mg/L	0.0094	0.005	mg/L	0.0094	185.48%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979	-5.2	-0.003	mg/L	0.0029	-0.003	mg/L	0.0029	94.04%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677	491.5	0.008	mg/L	0.0009	0.008	mg/L	0.0009	10.94%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527	-9.8	0.000	mg/L	0.0001	0.000	mg/L	0.0001	95.72%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107	90.3	0.001	mg/L	0.0003	0.001	mg/L	0.0003	63.09%
QC value within limits for Be 313.107 Recovery = Not calculated								
Bi 223.061	-4.6	-0.001	mg/L	0.0003	-0.001	mg/L	0.0003	25.02%
QC value within limits for Bi 223.061 Recovery = Not calculated								
Bi 190.171	-0.2	0.000	mg/L	0.0008	0.000	mg/L	0.0008	601.98%
QC value within limits for Bi 190.171 Recovery = Not calculated								
Ca 315.887	-73.0	-0.011	mg/L	0.0099	-0.011	mg/L	0.0099	90.16%
QC value less than the lower limit for Ca 315.887 Recovery = Not calculated								
Ca 317.933	-87.0	-0.010	mg/L	0.0014	-0.010	mg/L	0.0014	14.66%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440	17.6	0.000	mg/L	0.0000	0.000	mg/L	0.0000	0.32%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616	-6.3	0.000	mg/L	0.0001	0.000	mg/L	0.0001	30.54%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716	-2.1	0.000	mg/L	0.0000	0.000	mg/L	0.0000	76.48%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752	95.6	0.000	mg/L	0.0004	0.000	mg/L	0.0004	87.90%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 238.204	-175.1	-0.003	mg/L	0.0001	-0.003	mg/L	0.0001	2.31%
QC value within limits for Fe 238.204 Recovery = Not calculated								
Fe 273.955	-134.7	-0.005	mg/L	0.0009	-0.005	mg/L	0.0009	19.32%
QC value within limits for Fe 273.955 Recovery = Not calculated								
K 766.490	-194.5	-0.064	mg/L	0.0079	-0.064	mg/L	0.0079	12.35%
QC value less than the lower limit for K 766.490 Recovery = Not calculated								
Mg 279.077	-66.8	-0.003	mg/L	0.0025	-0.003	mg/L	0.0025	75.69%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	84.9	0.000	mg/L	0.0002	0.000	mg/L	0.0002	68.19%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	-22.6	-0.002	mg/L	0.0008	-0.002	mg/L	0.0008	34.60%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592	8508.1	1.14	mg/L	0.039	1.14	mg/L	0.039	3.41%
QC value greater than the upper limit for Na 589.592 Recovery = Not calculated								
Na 330.237	50.5	2.08	mg/L	0.403	2.08	mg/L	0.403	19.41%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Ni 231.604	1.0	0.000	mg/L	0.0000	0.000	mg/L	0.0000	57.42%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353	-7.8	-0.001	mg/L	0.0003	-0.001	mg/L	0.0003	30.78%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836	-18.3	-0.008	mg/L	0.0010	-0.008	mg/L	0.0010	12.98%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026	7.5	0.005	mg/L	0.0035	0.005	mg/L	0.0035	66.34%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927	0.3	0.000	mg/L	0.0005	0.000	mg/L	0.0005	756.95%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 407.771	106.8	0.000	mg/L	0.0002	0.000	mg/L	0.0002	68.66%
QC value within limits for Sr 407.771 Recovery = Not calculated								
Sr 421.552	101.3	0.000	mg/L	0.0002	0.000	mg/L	0.0002	54.21%

QC value within limits for Sr 421.552 Recovery = Not calculated						
Ti 334.940	-1530.5	-0.002 mg/L	0.0001	-0.002 mg/L	0.0001	4.58%
QC value within limits for Ti 334.940 Recovery = Not calculated						
Tl 190.801	3.5	0.002 mg/L	0.0006	0.002 mg/L	0.0006	26.67%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 290.880	218.0	0.001 mg/L	0.0005	0.001 mg/L	0.0005	33.63%
QC value within limits for V 290.880 Recovery = Not calculated						
W 207.912	269.2	0.065 mg/L	0.0056	0.065 mg/L	0.0056	8.59%
QC value greater than the upper limit for W 207.912 Recovery = Not calculated						
Y 371.029	-32.3				61.53	190.44%
Y	-55.8				9.84	17.64%
Zn 206.200	7.8	0.000 mg/L	0.0001	0.000 mg/L	0.0001	33.18%
QC value within limits for Zn 206.200 Recovery = Not calculated						
P 213.617	1.0	0.018 mg/L	0.0161	0.018 mg/L	0.0161	87.48%
Si 251.611	-689.6	-0.018 mg/L	0.0003	-0.018 mg/L	0.0003	1.89%

QC Failed. Continue with analysis.

Sequence No.: 3
Sample ID: CCVGM
Analyst:
Nebulizer Back Pressure: 161.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 10/24/2002 18:08:13
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: CCVGM

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	336.4	0.002	mg/L	0.0013	0.002	mg/L	0.0013	68.16%
Al 308.215	182.7	0.010	mg/L	0.0063	0.010	mg/L	0.0063	60.59%
As 188.979	-13.3	-0.008	mg/L	0.0008	-0.008	mg/L	0.0008	9.65%
B 249.677	1408.3	0.024	mg/L	0.0001	0.024	mg/L	0.0001	0.63%
Ba 233.527	116.4	0.001	mg/L	0.0001	0.001	mg/L	0.0001	6.90%
Be 313.107	-25.9	0.000	mg/L	0.0001	0.000	mg/L	0.0001	47.07%
Bi 223.061	28.8	0.007	mg/L	0.0001	0.007	mg/L	0.0001	1.89%
Bi 190.171	-6.5	-0.005	mg/L	0.0012	-0.005	mg/L	0.0012	22.97%
Ca 315.887	628543.4	94.3	mg/L	0.96	94.3	mg/L	0.96	1.02%
QC value within limits for Ca 315.887 Recovery = 94.27%								
Ca 317.933	837641.3	95.0	mg/L	0.85	95.0	mg/L	0.85	0.90%
QC value within limits for Ca 317.933 Recovery = 95.00%								
Cd 214.440	-69.1	-0.001	mg/L	0.0000	-0.001	mg/L	0.0000	4.03%
Co 228.616	19.1	0.001	mg/L	0.0001	0.001	mg/L	0.0001	21.27%
Cr 267.716	38.8	0.001	mg/L	0.0000	0.001	mg/L	0.0000	5.68%
Cu 324.752	663.0	0.003	mg/L	0.0005	0.003	mg/L	0.0005	16.96%
Fe 238.204	354.6	0.006	mg/L	0.0003	0.006	mg/L	0.0003	3.99%
Fe 273.955	170.4	0.006	mg/L	0.0001	0.006	mg/L	0.0001	1.90%
K 766.490	294115.2	96.4	mg/L	0.91	96.4	mg/L	0.91	0.94%
QC value within limits for K 766.490 Recovery = 96.43%								
Mg 279.077	2041742.3	101	mg/L	1.8	101	mg/L	1.8	1.79%
QC value within limits for Mg 279.077 Recovery = 100.62%								
Mn 257.610	944.5	0.003	mg/L	0.0000	0.003	mg/L	0.0000	0.59%
Mo 202.031	11.1	0.001	mg/L	0.0015	0.001	mg/L	0.0015	130.80%
Na 589.592	729973.0	97.8	mg/L	0.68	97.8	mg/L	0.68	0.69%
QC value within limits for Na 589.592 Recovery = 97.84%								
Na 330.237	2345.5	96.5	mg/L	2.52	96.5	mg/L	2.52	2.61%
QC value within limits for Na 330.237 Recovery = 96.55%								
Ni 231.604	29.2	0.001	mg/L	0.0000	0.001	mg/L	0.0000	2.29%
Pb 220.353	-118.3	-0.016	mg/L	0.0008	-0.016	mg/L	0.0008	4.99%
Sb 206.836	6.5	0.003	mg/L	0.0032	0.003	mg/L	0.0032	114.25%
Se 196.026	27.4	0.019	mg/L	0.0105	0.019	mg/L	0.0105	54.92%
Sn 189.927	-160.1	-0.030	mg/L	0.0014	-0.030	mg/L	0.0014	4.74%
Sr 407.771	5981.3	0.013	mg/L	0.0002	0.013	mg/L	0.0002	1.52%
Sr 421.552	4261.8	0.013	mg/L	0.0005	0.013	mg/L	0.0005	3.62%
Ti 334.940	-1817.5	-0.002	mg/L	0.0003	-0.002	mg/L	0.0003	13.75%
Tl 190.801	-10.6	-0.007	mg/L	0.0015	-0.007	mg/L	0.0015	22.17%
V 290.880	-1841.8	-0.011	mg/L	0.0005	-0.011	mg/L	0.0005	4.49%
W 207.912	146.3	0.036	mg/L	0.0012	0.036	mg/L	0.0012	3.31%
Y 371.029	327.7						27.52	8.40%
Y	65.9						15.77	23.91%
Zn 206.200	96.4	0.005	mg/L	0.0003	0.005	mg/L	0.0003	6.79%
P 213.617	5.5	0.096	mg/L	0.0237	0.096	mg/L	0.0237	24.55%
Si 251.611	516.8	0.013	mg/L	0.0008	0.013	mg/L	0.0008	6.12%

Sequence No.: 8
Sample ID: 386813DUP
Analyst: KN
Nebulizer Back Pressure: 161.0 kPa
Sample Wt:
Dilution: 5.3X

Autosampler Location: 144
Date Collected: 10/24/2002 18:23:56
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: 386813DUP

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	575.0	0.003	mg/L	0.0011	0.017	mg/L	0.0056	32.14%
Al 308.215	617.0	0.035	mg/L	0.0145	0.187	mg/L	0.0769	41.15%
As 188.979	-17.5	-0.010	mg/L	0.0007	-0.055	mg/L	0.0038	6.87%
B 249.677	6023.5	0.102	mg/L	0.0008	0.540	mg/L	0.0040	0.75%
Ba 233.527	4657.9	0.038	mg/L	0.0004	0.202	mg/L	0.0020	1.01%
Be 313.107	0.0	0.000	mg/L	0.0000	0.000	mg/L	0.0001	>999.9%
Bi 223.061	111.0	0.027	mg/L	0.0023	0.144	mg/L	0.0122	8.50%
Bi 190.171	-21.7	-0.018	mg/L	0.0154	-0.093	mg/L	0.0818	87.79%
Ca 315.887	3430281.4	514	mg/L	4.5	2730	mg/L	23.8	0.87%
Ca 317.933	4550964.7	516	mg/L	4.6	2740	mg/L	24.4	0.89%
Cd 214.440	-78.4	-0.001	mg/L	0.0001	-0.007	mg/L	0.0006	8.62%
Co 228.616	107.2	0.003	mg/L	0.0001	0.016	mg/L	0.0006	3.96%
Cr 267.716	21.2	0.000	mg/L	0.0000	0.002	mg/L	0.0002	6.43%
Cu 324.752	1017.7	0.005	mg/L	0.0001	0.024	mg/L	0.0006	2.40%
Fe 238.204	8016.5	0.144	mg/L	0.0038	0.765	mg/L	0.0200	2.61%
Fe 273.955	4118.6	0.144	mg/L	0.0048	0.763	mg/L	0.0254	3.34%
K 766.490	7827.6	2.57	mg/L	0.025	13.6	mg/L	0.13	0.98%
Mg 279.077	1558429.7	76.8	mg/L	1.45	407	mg/L	7.7	1.89%
Mn 257.610	78334.2	0.251	mg/L	0.0027	1.33	mg/L	0.015	1.09%
Mo 202.031	59.8	0.006	mg/L	0.0001	0.033	mg/L	0.0005	1.59%
Na 589.592	452585.0	60.7	mg/L	0.40	322	mg/L	2.1	0.67%
Na 330.237	1699.3	69.9	mg/L	3.03	371	mg/L	16.0	4.33%
Ni 231.604	164.9	0.006	mg/L	0.0002	0.030	mg/L	0.0013	4.26%
Pb 220.353	-205.9	-0.027	mg/L	0.0005	-0.143	mg/L	0.0025	1.76%
Sb 206.836	-54.6	-0.023	mg/L	0.0005	-0.124	mg/L	0.0028	2.28%
Se 196.026	40.8	0.028	mg/L	0.0053	0.150	mg/L	0.0279	18.54%
Sn 189.927	-257.4	-0.049	mg/L	0.0011	-0.258	mg/L	0.0057	2.19%
Sr 407.771	2577918.6	5.46	mg/L	0.005	29.0	mg/L	0.03	0.09%
Sr 421.552	1849891.4	5.51	mg/L	0.021	29.2	mg/L	0.11	0.39%
Ti 334.940	-13323.3	-0.018	mg/L	0.0000	-0.093	mg/L	0.0001	0.06%
Tl 190.801	-19.6	-0.012	mg/L	0.0007	-0.065	mg/L	0.0038	5.91%
V 290.880	-1467.5	-0.009	mg/L	0.0005	-0.048	mg/L	0.0027	5.66%
W 207.912	44.2	0.011	mg/L	0.0022	0.057	mg/L	0.0114	20.11%
Y 371.029	-64.0						3.22	5.03%
Y	2.5						4.25	172.26%
Zn 206.200	322.6	0.016	mg/L	0.0002	0.087	mg/L	0.0009	1.08%
P 213.617	19.4	0.342	mg/L	0.0250	1.81	mg/L	0.132	7.30%
Si 251.611	125537.2	3.20	mg/L	0.052	17.0	mg/L	0.27	1.62%

Sequence No.: 14 **Autosampler Location: 7**
Sample ID: CCV **Date Collected: 10/24/2002 18:42:51**
Analyst:
Nebulizer Back Pressure: 160.0 kPa **Nebulizer Flow: 0.55 L/min**
Sample Wt: **Sample Prep Volume:**
Dilution: **Data Type: Original**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	82960.9	0.473	mg/L	0.0006	0.473	mg/L	0.0006	0.13%
QC value within limits for Ag 328.068 Recovery = 94.68%								
Al 308.215	17426.8	0.997	mg/L	0.0077	0.997	mg/L	0.0077	0.77%
QC value within limits for Al 308.215 Recovery = 99.66%								
As 188.979	1642.3	0.981	mg/L	0.0112	0.981	mg/L	0.0112	1.14%
QC value within limits for As 188.979 Recovery = 98.06%								
B 249.677	56321.2	0.953	mg/L	0.0053	0.953	mg/L	0.0053	0.56%
QC value within limits for B 249.677 Recovery = 95.28%								
Ba 233.527	117235.7	0.958	mg/L	0.0028	0.958	mg/L	0.0028	0.29%
QC value within limits for Ba 233.527 Recovery = 95.83%								
Be 313.107	170979.8	0.972	mg/L	0.0305	0.972	mg/L	0.0305	3.13%
QC value within limits for Be 313.107 Recovery = 97.25%								
Bi 223.061	-87.4	-0.021	mg/L	0.0011	-0.021	mg/L	0.0011	4.98%
QC value less than the lower limit for Bi 223.061 Recovery = -2.14%								
Bi 190.171	-0.4	0.000	mg/L	0.0048	0.000	mg/L	0.0048	>999.9%
QC value less than the lower limit for Bi 190.171 Recovery = -0.03%								
Ca 315.887	6913.7	1.04	mg/L	0.049	1.04	mg/L	0.049	4.74%
QC value less than the lower limit for Ca 315.887 Recovery = 1.04%								
Ca 317.933	9115.7	1.03	mg/L	0.030	1.03	mg/L	0.030	2.95%
QC value less than the lower limit for Ca 317.933 Recovery = 1.03%								
Cd 214.440	55500.2	0.987	mg/L	0.0037	0.987	mg/L	0.0037	0.38%
QC value within limits for Cd 214.440 Recovery = 98.70%								
Co 228.616	36027.2	0.990	mg/L	0.0008	0.990	mg/L	0.0008	0.08%
QC value within limits for Co 228.616 Recovery = 99.02%								
Cr 267.716	46655.5	0.985	mg/L	0.0045	0.985	mg/L	0.0045	0.45%
QC value within limits for Cr 267.716 Recovery = 98.54%								
Cu 324.752	214365.4	0.964	mg/L	0.0040	0.964	mg/L	0.0040	0.42%
QC value within limits for Cu 324.752 Recovery = 96.44%								
Fe 238.204	56139.0	1.01	mg/L	0.010	1.01	mg/L	0.010	0.96%
QC value within limits for Fe 238.204 Recovery = 101.13%								
Fe 273.955	28919.9	1.01	mg/L	0.008	1.01	mg/L	0.008	0.82%
QC value within limits for Fe 273.955 Recovery = 101.07%								
K 766.490	29183.2	9.57	mg/L	0.106	9.57	mg/L	0.106	1.11%
QC value less than the lower limit for K 766.490 Recovery = 9.57%								
Mg 279.077	22004.0	1.08	mg/L	0.004	1.08	mg/L	0.004	0.35%
QC value less than the lower limit for Mg 279.077 Recovery = 1.08%								
Mn 257.610	317519.8	1.02	mg/L	0.000	1.02	mg/L	0.000	0.04%
QC value within limits for Mn 257.610 Recovery = 101.79%								
Mo 202.031	8504.2	0.895	mg/L	0.0153	0.895	mg/L	0.0153	1.70%
QC value less than the lower limit for Mo 202.031 Recovery = 89.50%								
Na 589.592	-11147.9	-1.49	mg/L	0.035	-1.49	mg/L	0.035	2.37%
QC value less than the lower limit for Na 589.592 Recovery = -1.49%								
Na 330.237	18.5	0.760	mg/L	0.2600	0.760	mg/L	0.2600	34.21%
QC value less than the lower limit for Na 330.237 Recovery = 0.76%								
Ni 231.604	29049.9	0.984	mg/L	0.0009	0.984	mg/L	0.0009	0.09%
QC value within limits for Ni 231.604 Recovery = 98.36%								
Pb 220.353	7155.0	0.939	mg/L	0.0041	0.939	mg/L	0.0041	0.44%
QC value within limits for Pb 220.353 Recovery = 93.95%								
Sb 206.836	2219.2	0.949	mg/L	0.0069	0.949	mg/L	0.0069	0.73%
QC value within limits for Sb 206.836 Recovery = 94.94%								
Se 196.026	1359.5	0.946	mg/L	0.0007	0.946	mg/L	0.0007	0.07%
QC value within limits for Se 196.026 Recovery = 94.58%								
Sn 189.927	-4.9	-0.001	mg/L	0.0002	-0.001	mg/L	0.0002	17.64%
QC value less than the lower limit for Sn 189.927 Recovery = -0.09%								
Sr 407.771	426244.4	0.904	mg/L	0.0365	0.904	mg/L	0.0365	4.04%
QC value within limits for Sr 407.771 Recovery = 90.35%								
Sr 421.552	306797.8	0.913	mg/L	0.0403	0.913	mg/L	0.0403	4.41%
QC value within limits for Sr 421.552 Recovery = 91.32%								

Ti 334.940	793711.9	1.04 mg/L	0.004	1.04 mg/L	0.004	0.38%
QC value within limits for Ti 334.940 Recovery = 104.45%						
Tl 190.801	1561.6	0.971 mg/L	0.0015	0.971 mg/L	0.0015	0.16%
QC value within limits for Tl 190.801 Recovery = 97.15%						
V 290.880	157584.4	0.976 mg/L	0.0043	0.976 mg/L	0.0043	0.44%
QC value within limits for V 290.880 Recovery = 97.65%						
W 207.912	88.2	0.021 mg/L	0.0007	0.021 mg/L	0.0007	3.32%
QC value less than the lower limit for W 207.912 Recovery = 2.14%						
Y 371.029	57.7				165.02	285.85%
Y	-42.8				19.14	44.76%
Zn 206.200	19203.2	0.980 mg/L	0.0017	0.980 mg/L	0.0017	0.17%
QC value within limits for Zn 206.200 Recovery = 97.99%						
P 213.617	-171.4	-3.02 mg/L	0.015	-3.02 mg/L	0.015	0.51%
QC value less than the lower limit for P 213.617 Recovery = -6.04%						
Si 251.611	172839.4	4.41 mg/L	0.016	4.41 mg/L	0.016	0.35%
QC value less than the lower limit for Si 251.611 Recovery = 88.15%						

QC Failed. Continue with analysis.

Sequence No.: 15
Sample ID: CCB
Analyst:
Nebulizer Back Pressure: 160.0 kPa
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 10/24/2002 18:45:58
Nebulizer Flow: 0.55 L/min
Sample Prep Volume:
Data Type: Original

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Ag 328.068	194.1	0.001	mg/L	0.0007	0.001	mg/L	0.0007	59.31%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215	-49.1	-0.003	mg/L	0.0025	-0.003	mg/L	0.0025	87.42%
QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979	-3.1	-0.002	mg/L	0.0011	-0.002	mg/L	0.0011	61.23%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677	201.8	0.003	mg/L	0.0007	0.003	mg/L	0.0007	19.77%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527	44.4	0.000	mg/L	0.0001	0.000	mg/L	0.0001	36.45%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107	120.4	0.001	mg/L	0.0002	0.001	mg/L	0.0002	24.55%
QC value within limits for Be 313.107 Recovery = Not calculated								
Bi 223.061	-2.2	-0.001	mg/L	0.0016	-0.001	mg/L	0.0016	301.40%
QC value within limits for Bi 223.061 Recovery = Not calculated								
Bi 190.171	-1.0	-0.001	mg/L	0.0018	-0.001	mg/L	0.0018	217.68%
QC value within limits for Bi 190.171 Recovery = Not calculated								
Ca 315.887	-8.6	-0.001	mg/L	0.0009	-0.001	mg/L	0.0009	66.88%
QC value within limits for Ca 315.887 Recovery = Not calculated								
Ca 317.933	63.3	0.007	mg/L	0.0065	0.007	mg/L	0.0065	90.04%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440	8.8	0.000	mg/L	0.0000	0.000	mg/L	0.0000	12.85%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616	-6.4	0.000	mg/L	0.0000	0.000	mg/L	0.0000	11.89%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716	-6.5	0.000	mg/L	0.0000	0.000	mg/L	0.0000	29.40%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.752	-40.7	0.000	mg/L	0.0005	0.000	mg/L	0.0005	273.19%
QC value within limits for Cu 324.752 Recovery = Not calculated								
Fe 238.204	50.8	0.001	mg/L	0.0008	0.001	mg/L	0.0008	90.23%
QC value within limits for Fe 238.204 Recovery = Not calculated								
Fe 273.955	-49.7	-0.002	mg/L	0.0024	-0.002	mg/L	0.0024	140.49%
QC value within limits for Fe 273.955 Recovery = Not calculated								
K 766.490	-1170.9	-0.384	mg/L	0.0436	-0.384	mg/L	0.0436	11.37%
QC value less than the lower limit for K 766.490 Recovery = Not calculated								
Mg 279.077	5.5	0.000	mg/L	0.0029	0.000	mg/L	0.0029	>999.9%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mn 257.610	117.6	0.000	mg/L	0.0000	0.000	mg/L	0.0000	1.40%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031	-48.6	-0.005	mg/L	0.0006	-0.005	mg/L	0.0006	11.77%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592	-18180.4	-2.44	mg/L	0.004	-2.44	mg/L	0.004	0.17%
QC value less than the lower limit for Na 589.592 Recovery = Not calculated								
Na 330.237	103.1	4.24	mg/L	3.197	4.24	mg/L	3.197	75.35%
QC value greater than the upper limit for Na 330.237 Recovery = Not calculated								
Ni 231.604	5.6	0.000	mg/L	0.0001	0.000	mg/L	0.0001	67.47%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353	0.7	0.000	mg/L	0.0001	0.000	mg/L	0.0001	106.21%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836	-16.3	-0.007	mg/L	0.0010	-0.007	mg/L	0.0010	13.83%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026	4.5	0.003	mg/L	0.0044	0.003	mg/L	0.0044	138.73%
QC value within limits for Se 196.026 Recovery = Not calculated								
Sn 189.927	-6.3	-0.001	mg/L	0.0008	-0.001	mg/L	0.0008	66.98%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 407.771	127.8	0.000	mg/L	0.0000	0.000	mg/L	0.0000	3.16%
QC value within limits for Sr 407.771 Recovery = Not calculated								
Sr 421.552	69.9	0.000	mg/L	0.0000	0.000	mg/L	0.0000	23.29%

QC value within limits for Sr 421.552 Recovery = Not calculated						
Ti 334.940	-1480.4	-0.002 mg/L	0.0001	-0.002 mg/L	0.0001	6.95%
QC value within limits for Ti 334.940 Recovery = Not calculated						
Tl 190.801	4.5	0.003 mg/L	0.0000	0.003 mg/L	0.0000	1.17%
QC value within limits for Tl 190.801 Recovery = Not calculated						
V 290.880	-26.6	0.000 mg/L	0.0002	0.000 mg/L	0.0002	121.22%
QC value within limits for V 290.880 Recovery = Not calculated						
W 207.912	55.6	0.013 mg/L	0.0003	0.013 mg/L	0.0003	2.26%
QC value greater than the upper limit for W 207.912 Recovery = Not calculated						
Y 371.029	12.7				13.43	105.81%
Y	-19.0				52.50	276.68%
Zn 206.200	0.8	0.000 mg/L	0.0000	0.000 mg/L	0.0000	84.09%
QC value within limits for Zn 206.200 Recovery = Not calculated						
P 213.617	2.5	0.044 mg/L	0.0294	0.044 mg/L	0.0294	66.47%
QC value greater than the upper limit for P 213.617 Recovery = Not calculated						
Si 251.611	-679.0	-0.017 mg/L	0.0003	-0.017 mg/L	0.0003	1.61%
QC value less than the lower limit for Si 251.611 Recovery = Not calculated						

ASSOCIATED LABORATORIES, INC.
QA REPORT FORM (MS/MSD)

Sample No: 10132 #38681 3

QC No: MW24025 CCRP

Preparation Date: 10.24

Signed: MV

Sample Prep. Method: TCLP

Matrix Spikes: 1ml Ag 1ppm, 0.5ml 4 elem 10 ppm

Comments:

Sample Preparation	Sample	Matrix Spike	MS Duplicate
Initial Wt./Vol.	25ml ext		same
Final Volume	25ml		

Analysis Date: 10/24/02

Conc. Units: mg/l

Analyst: KW

Elem	Method	SR	SA	MS	MSD	%REC	PD SPK	PD SSR	PD REC
As	6010	ND	1	1.02	1.06				
Se		0.047		1.04	1.08				
Pb		ND		0.79	0.83				
Ba		0.710		1.53	1.57				
Cd		ND		0.87	0.89				
Cr		ND	1	0.88	0.90				
Ag	↓	0.005	0.4	0.35	0.36				

ASSOCIATED LABORATORIES

LCS/PB REPORT FORM

QC Code #: MB 240258 1

Prep.Date: 10 24 Matrix: Soil Prep.Method: TCLP

LCS Source(s): QC21 Lot QC21 12/02 Wt./Vol: 0.5 gm QC21 / 5 mL
QC7A Lot QC7A 13/05 QC7

Lab ID's in Batch: _____, _____, _____, _____, _____

Reporting Units: _____

ELEM	Meth	Result	True	%Rec	L.Limit	H.Limit	PB	ND

ASSOCIATED LABORATORIES

METALS PREPARATION/ ANALYSIS WORKSHEET

Preparation Date: W.24.02 Batch ID#: H W 240 2TCLP1

Preparation Method: TCLP Matrix: S Digestion Temp: _____ By: SP

Reagent Lot Numbers: HNO3: JT BAKER Lot# X08043 HCL: FISHER Lot# 401100 H2O2: SPECTRUM Lot# RD1068

Comments: Start at 4PM W.23 Stop at 9AM W.24.02

Run Date: _____ Instr. Analyst _____ Final Result Units: _____ Approved _____

Order #	LR #	Appear	pH	Initial Wt/Vol	Final Volume	Vol/Wt. Factor	D F	Conc.	Final Result
MB									
LCS									
386813	101132			15g	300ml				
SP									
SPD									
386054	100367			25ml	25ml				
386217	100978								
218									
219									
220									
221									
222									
223									
224									
225									
226									
227									
228									
229									
230									
231									
232									
386446	101023			50g	5.7g < 44.3g	8reg wash	1	114	Temp tig
				50g	44.3g				

000068

ASSOCIATED LABORATORIES

METALS PREPARATION/ ANALYSIS WORKSHEET

MA for Sed

Preparation Date: 6 24 Batch ID#: _____

Preparation Method: _____ Matrix: Solid Digestion Temp: _____ By: JM

Reagent Lot Numbers: HNO3: JT BAKER Lot # X08043 HCL: FISHER Lot # 4101100 H2O2: SPECTRUM Lot # RD1068

Comments: _____

Run Date: _____ Instr. Analyst _____ Final Result Units: _____ Approved _____

Order #	LR #	Appear	pH	Initial Wt/Vol	Final Volume	Vol/Wt. Factor	D F	Conc.	Final Result
MB									
LCS									
326813	61132	Sed		5g	200ml				
				1	/				
				200ml	21.2ml				
					Bring up with				
					1% HNO3				
					5% HCl				

000069

EPA 8015:

Gasoline

****

Varian Star Workstation - Generic SampleList Thu Oct 24 10:02:38 2002

SampleList: C:\Star\module18\2002data\Oct02\1022.SMP

Created: Tue Oct 22 17:05:17 2002
Modified: Thu Oct 24 03:34:51 2002

****

Line	Sample Type	Sample Name	Cal. Level	Inj.	Injection Notes	Multiplier	Divisor
1	Analysis	gccv-gw125		1	none	1	1
2	Analysis	mb		1	none	1	1
3	Analysis	glcs-gw135		1	none	1	1
4	Analysis	glcsd-gw135		1	none	1	1
5	Analysis	101065-648-5.0gms		1	none	1	1
6	Analysis	101065-648-5.0gmsd		1	none	1	1
7	Analysis	101065-645-5.0		1	none	1	1
8	Analysis	101065-646-10df		1	none	1	1
9	Analysis	101065-647-5.0		1	none	1	1
10	Analysis	101065-648-5.0		1	none	1	1
11	Analysis	101036-529-5.0		1	none	1	1
12	Analysis	gccv-gw1251010		1	none	1	1
13	Analysis	101036-530-5.0		1	none	1	1
14	Analysis	101036-531-5.0		1	none	1	1
15	Analysis	101085-702-5.0		1	none	1	1
16	Analysis	101085-703-5.0		1	none	1	1
17	Analysis	101085-704-5.0		1	none	1	1
18	Analysis	101085-705-5.0		1	none	1	1
19	Analysis	101106-755-5.0		1	none	1	1
20	Analysis	101106-757-5.0		1	none	1	1
21	Analysis	101106-759-5.0		1	none	1	1
22	Analysis	101106-760-5.0		1	none	1	1
23	Analysis	gccv-gw125		1	none	1	1
24	Analysis	mb		1	none	1	1
25	Analysis	glcs-gw135		1	none	1	1
26	Analysis	glcsd-gw135		1	none	1	1
27	Analysis	10112-809-50df		1	below	1	1
	Notes	5g/10ml meoh					
28	Analysis	10112-810-50df	5g/10ml MeOH	1	none	1	1
29	Analysis	101132-811-50df	5g/10ml MeOH	1	none	1	1
30	Analysis	101132-812-50df	5g/10ml MeOH	1	none	1	1
31	Analysis	101132-815-100dsf	2.5g/10ml MeOH	1	none	1	1
32	Analysis	101132-816-100df	2.5g/10ml MeOH	1	none	1	1
33	Analysis	101132-817-100df	2.5g/10ml MeOH	1	none	1	1
34	Analysis	101132-813-50df	5g/10ml MeOH	1	none	1	1
35	Analysis	101132-815-50df R	5g/10ml MeOH	1	none	1	1
36	Analysis	gccv-gw125		1	none	1	1
37	Analysis	101132-814-100df	2.5g/10ml MeOH	1	none	1	1
38	Analysis	101036-529-5.0gms		1	none	1	1
39	Analysis	101036-529-5.0gmsd		1	none	1	1
40	Analysis	101036-532-5.0		1	none	1	1
41	Analysis	101036-534-5.0		1	none	1	1
42	Analysis	101036-535-5.0		1	none	1	1
43	Analysis	101036-536-5.0		1	none	1	1
44	Analysis	101036-537-5.0		1	none	1	1
45	Analysis	101036-539-5.0		1	none	1	1
46	Analysis	101036-541-5.0		1	none	1	1
47	Analysis	101036-542-5.0		1	none	1	1
48	Analysis	gccv-gw125		1	none	1	1
49	Analysis	101036-543-5.0		1	none	1	1
50	Analysis	101036-544-5.0		1	none	1	1
51	Analysis	mb		1	none	1	1
52	Analysis	mb		1	none	1	1
53	Analysis	mb		1	none	1	1

Directory for Data Files: c:\star\module18\2002data\oct02

Data File Names: G5-%d-%i

Create and update a new RecalcList: c:\star\module18\2002data\oct02\1022.rcl.

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1012.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : gccv-gw125

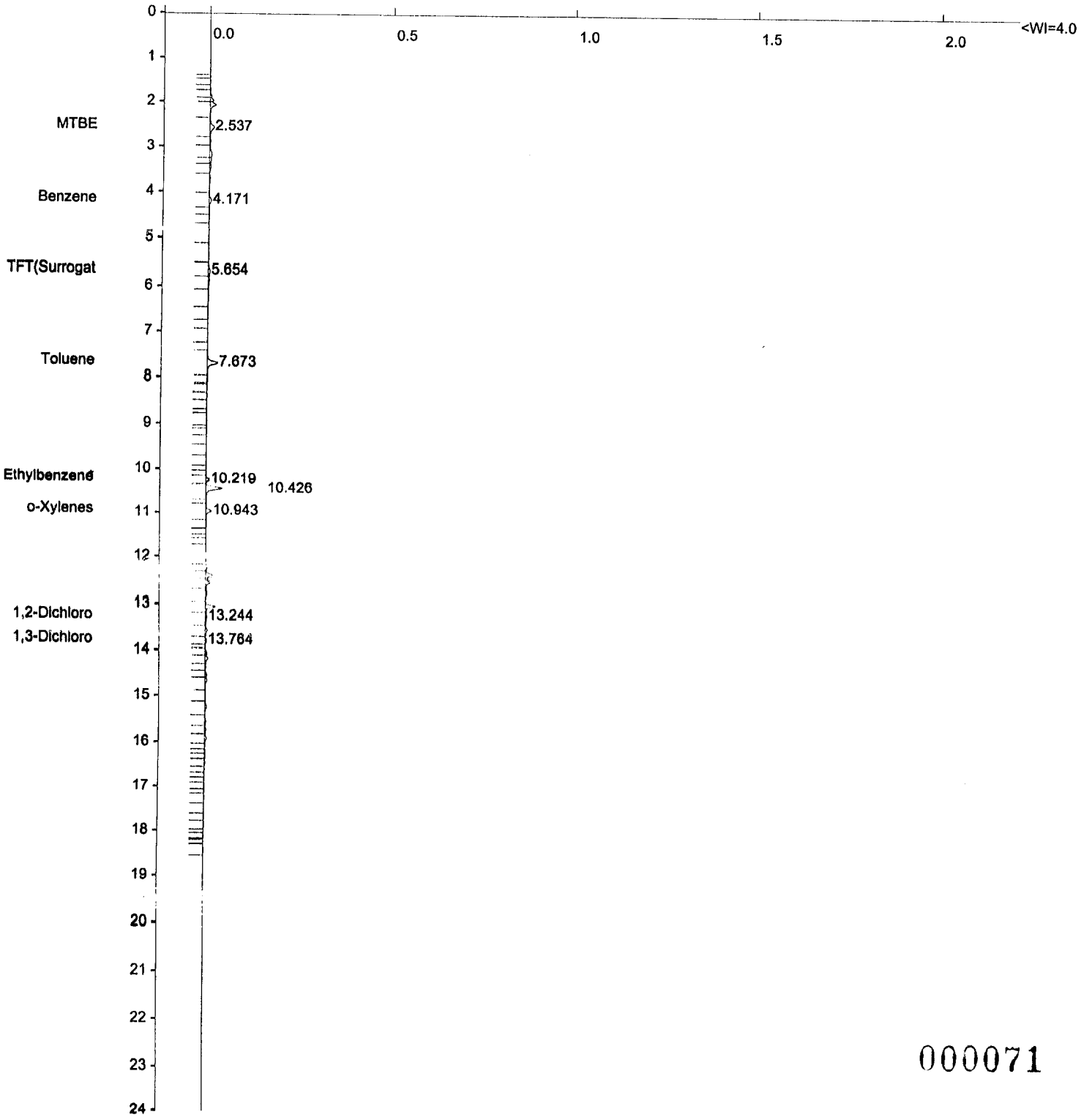
Injection Date: 10/23/02 7:59 AM Calculation Date: 10/23/02 8:23 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000071

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1012.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : gccv-gw125

Injection Date: 10/23/02 7:59 AM Calculation Date: 10/23/02 8:23 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.537	-0.031	9800	VV	7.2	
2	Benzene	0.0000	4.171	-0.056	4204	VV	6.1	
3	TFT(Surrogat	0.2639	5.654	-0.009	4647	VV	8.6	C
4	Toluene	0.0000	7.673	-0.068	20374	BP	5.2	
5	Ethylbenzene	0.0000	10.219	-0.052	4161	PV	4.1	
6	p,m-Xylenes	0.0000	10.426	-0.074	22843	VV	4.4	
7	o-Xylenes	0.0000	10.943	-0.061	7553	VB	3.9	
8	1,2-Dichloro	0.0103	13.244	-0.010	3055	VV	7.2	C
9	1,3-Dichloro	0.0000	13.764	0.066	1262	VV	3.7	
	Totals:	0.2742		-0.295	77899			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 95009 counts

Detected Peaks: 76 Rejected Peaks: 35 Identified Peaks: 9

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

Calib. out of range: No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1012.run
Method File : c:\star\module18\method\gbtx0821.mth
Sample ID : gccv-gw125

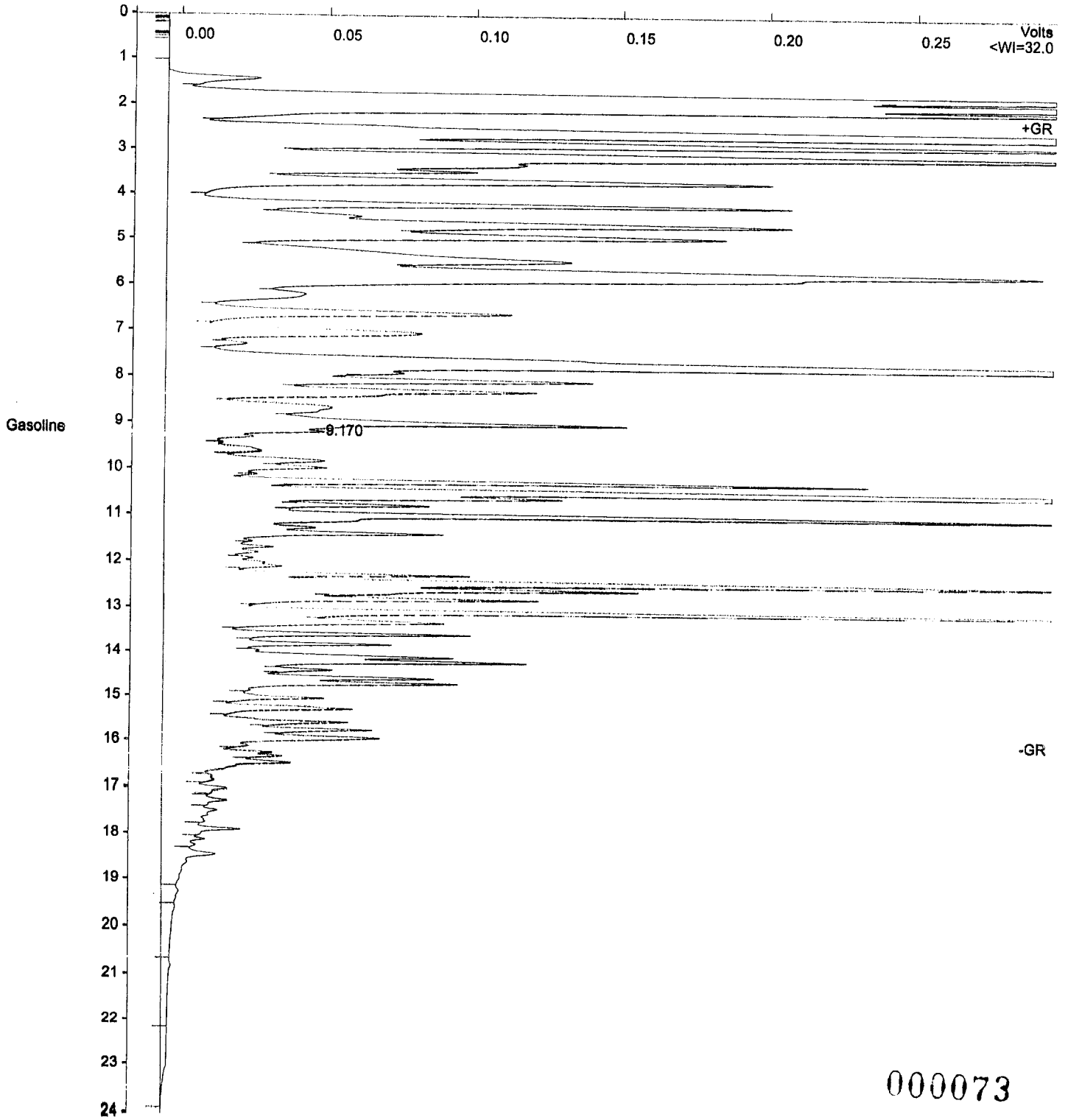
Injection Date: 10/23/02 7:59 AM Calculation Date: 10/23/02 9:18 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000073

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1012.run
Method File : c:\star\module18\method\gbtx0821.mth
Sample ID : gccv-gw125

Injection Date: 10/23/02 7:59 AM Calculation Date: 10/23/02 9:18 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.5775	9.170	0.018	7195378	GR	0.0	
	Totals:	4.5775		0.018	7195378			

Total Unidentified Counts : 1441840 counts

Detected Peaks: 65 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4619 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1013.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : mb

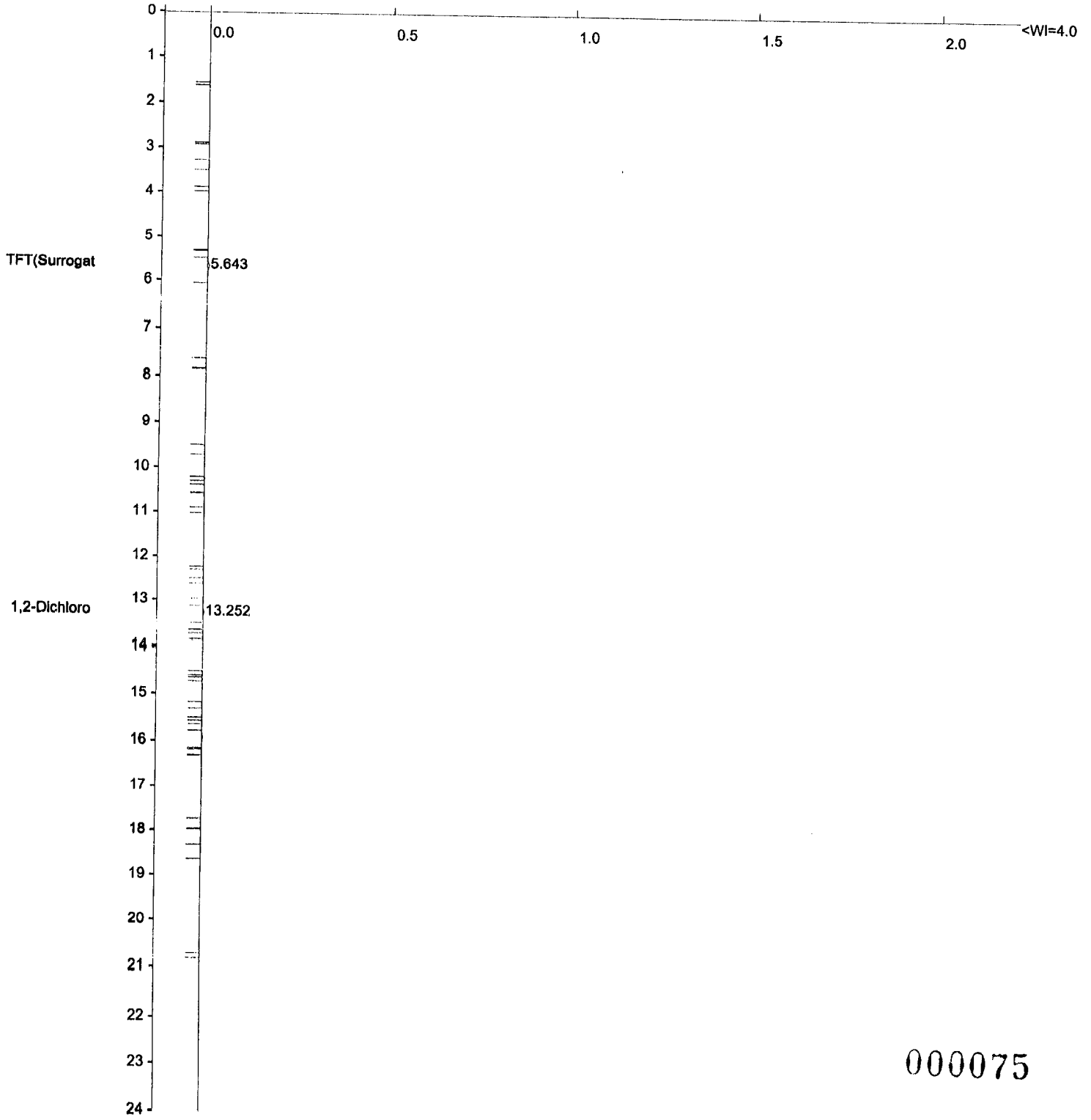
Injection Date: 10/23/02 8:39 AM Calculation Date: 10/23/02 9:03 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000075

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1013.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : mb

Injection Date: 10/23/02 8:39 AM Calculation Date: 10/23/02 9:03 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2057	5.643	-0.020	3622	BB	7.9	
2	1,2-Dichloro	0.0049	13.252	-0.002	1457	PB	5.1	C
	Totals:	0.2106		-0.022	5079			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 2703 counts

Detected Peaks: 28 Rejected Peaks: 24 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1013.run
Method File : c:\star\module18\method\gbtx0821.mth
Sample ID : mb

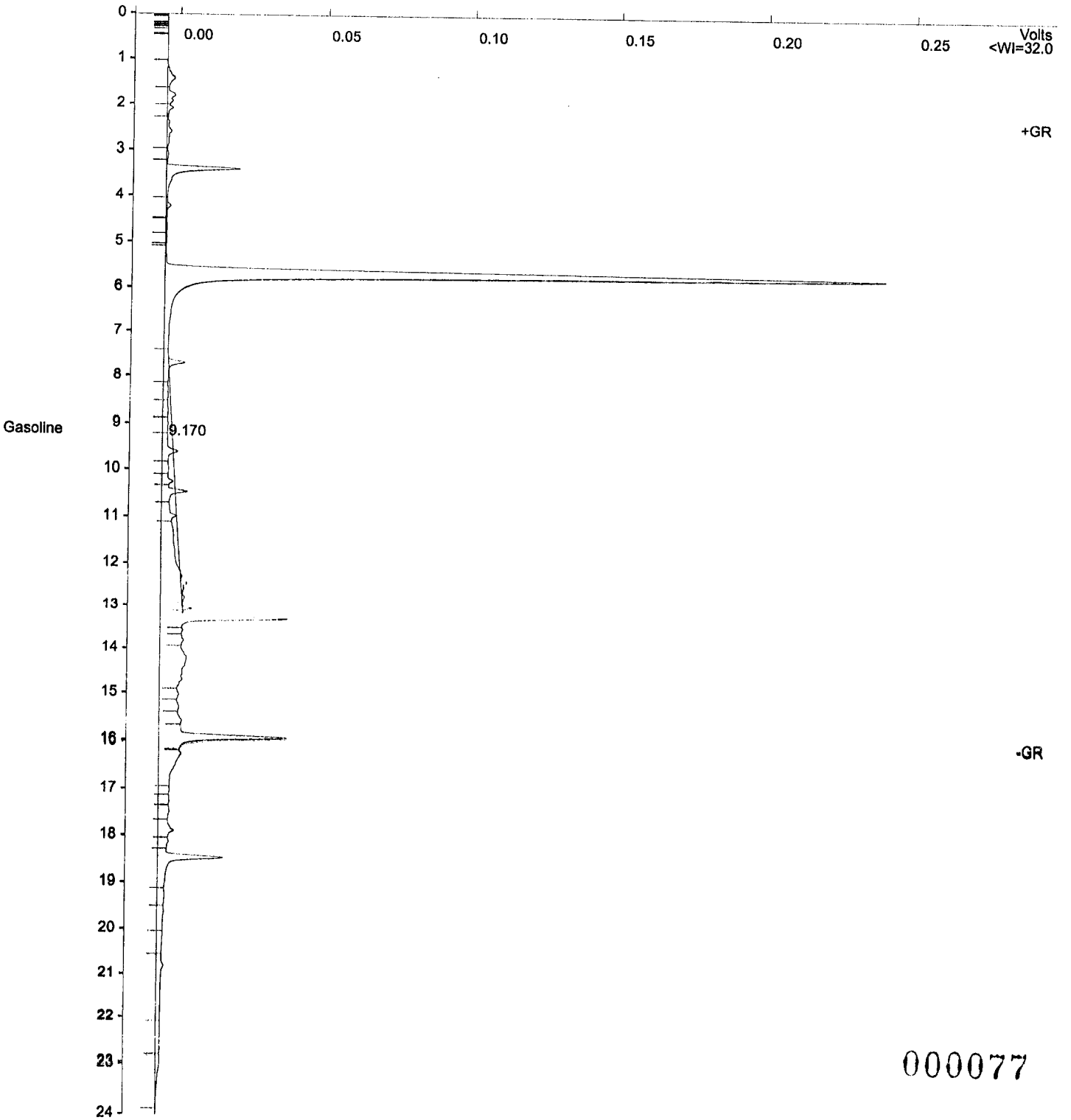
Injection Date: 10/23/02 8:39 AM Calculation Date: 10/23/02 9:18 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000077

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1013.run
Method File : c:\star\module18\method\gbtx0821.mth
Sample ID : mb

Injection Date: 10/23/02 8:39 AM Calculation Date: 10/23/02 9:18 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3645	9.170	0.018	572986	GR	0.0	
	Totals:	0.3645		0.018	572986			

Total Unidentified Counts : 122994 counts

Detected Peaks: 50 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4489 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1014.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : glcs-gw135

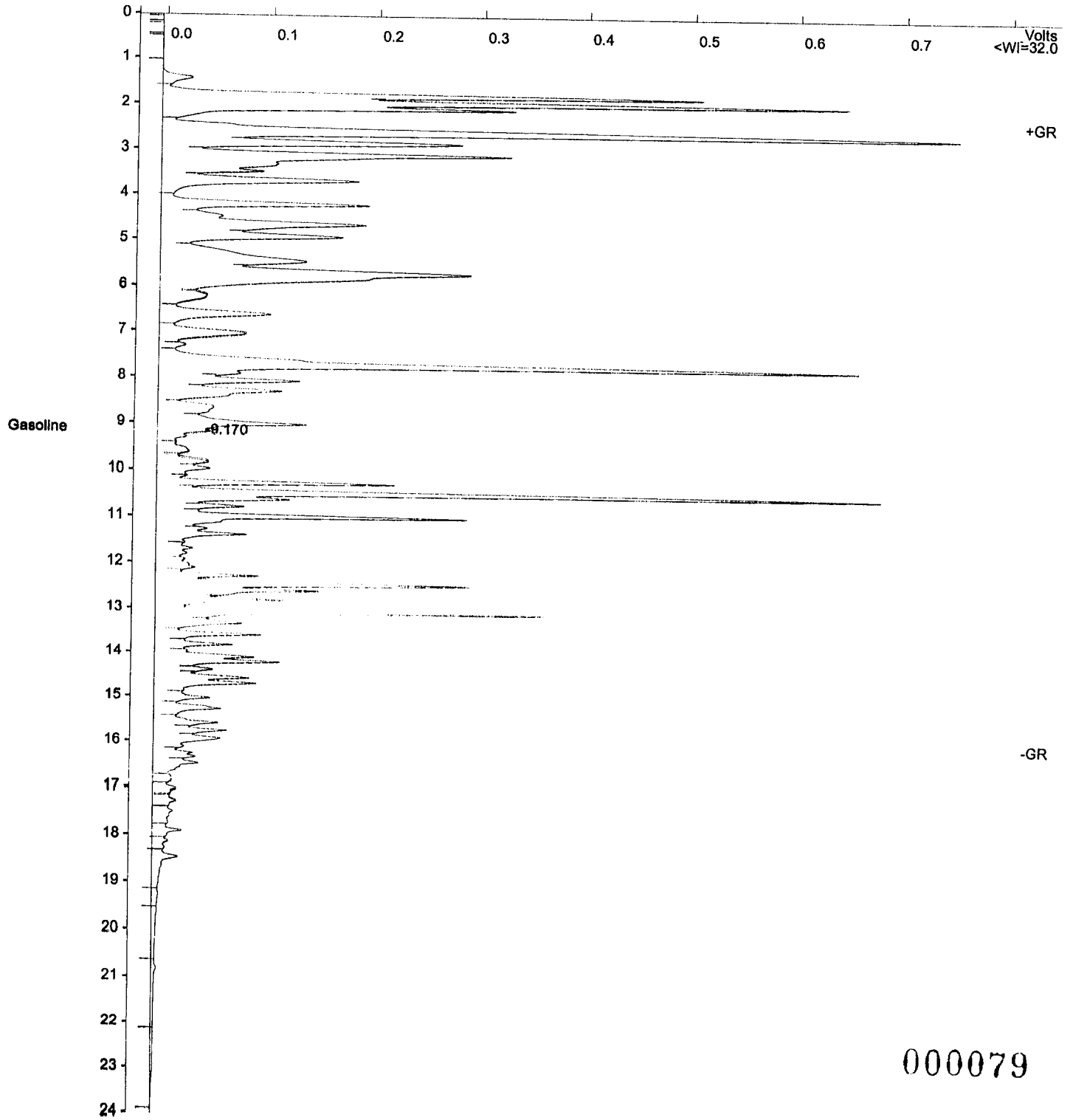
Injection Date: 10/23/02 9:18 AM Calculation Date: 10/23/02 9:42 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 356 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000079

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1014.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : glcs-gw135

Injection Date: 10/23/02 9:18 AM Calculation Date: 10/23/02 9:42 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.2489	9.170	0.018	6678927	GR	0.0	
	Totals:	4.2489		0.018	6678927			

Total Unidentified Counts : 1301330 counts

Detected Peaks: 61 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4609 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1014.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : glcs-gw135

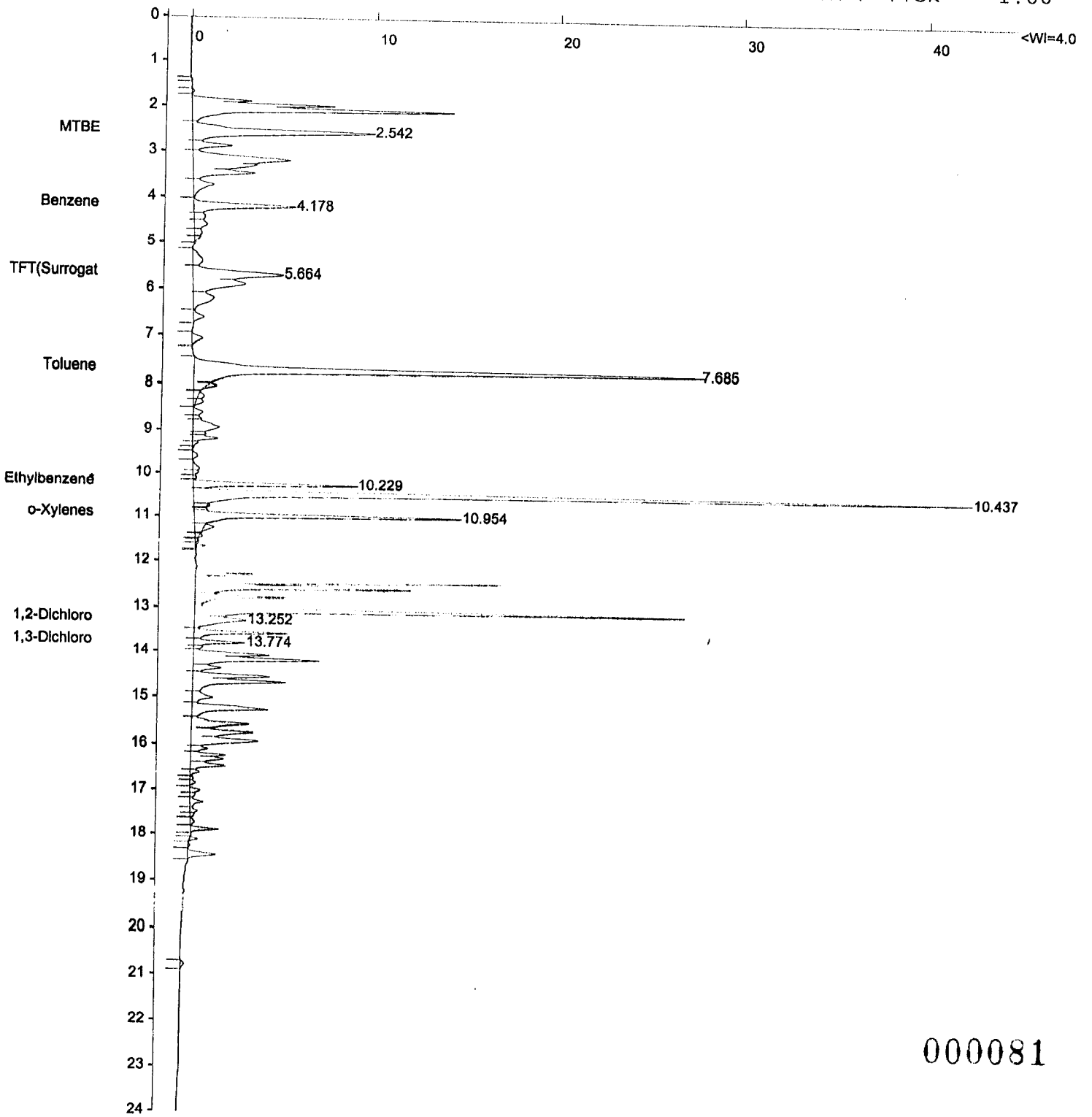
Injection Date: 10/23/02 9:18 AM Calculation Date: 10/23/02 9:42 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 20 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000081

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1014.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : glcs-gw135

Injection Date: 10/23/02 9:18 AM Calculation Date: 10/23/02 9:42 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.542	-0.026	8519	VV	7.2	
2	Benzene	0.0000	4.178	-0.049	3738	VV	6.0	
3	TFT(Surrogat	0.2585	5.664	0.001	4552	VV	9.5	C
4	Toluene	0.0000	7.685	-0.056	19657	BP	5.2	
5	Ethylbenzene	0.0000	10.229	-0.042	4016	VV	4.1	
6	p,m-Xylenes	0.0000	10.437	-0.063	22542	VV	0.0	
7	o-Xylenes	0.0000	10.954	-0.050	8138	VB	4.0	
8	1,2-Dichloro	0.0081	13.252	-0.002	2399	VV	9.3	C
9	1,3-Dichloro	0.0000	13.774	0.076	1208	VV	3.7	
	Totals:	0.2666		-0.211	74769			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 87723 counts

Detected Peaks: 83 Rejected Peaks: 44 Identified Peaks: 9

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -69 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1015.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : glcsd-gw135

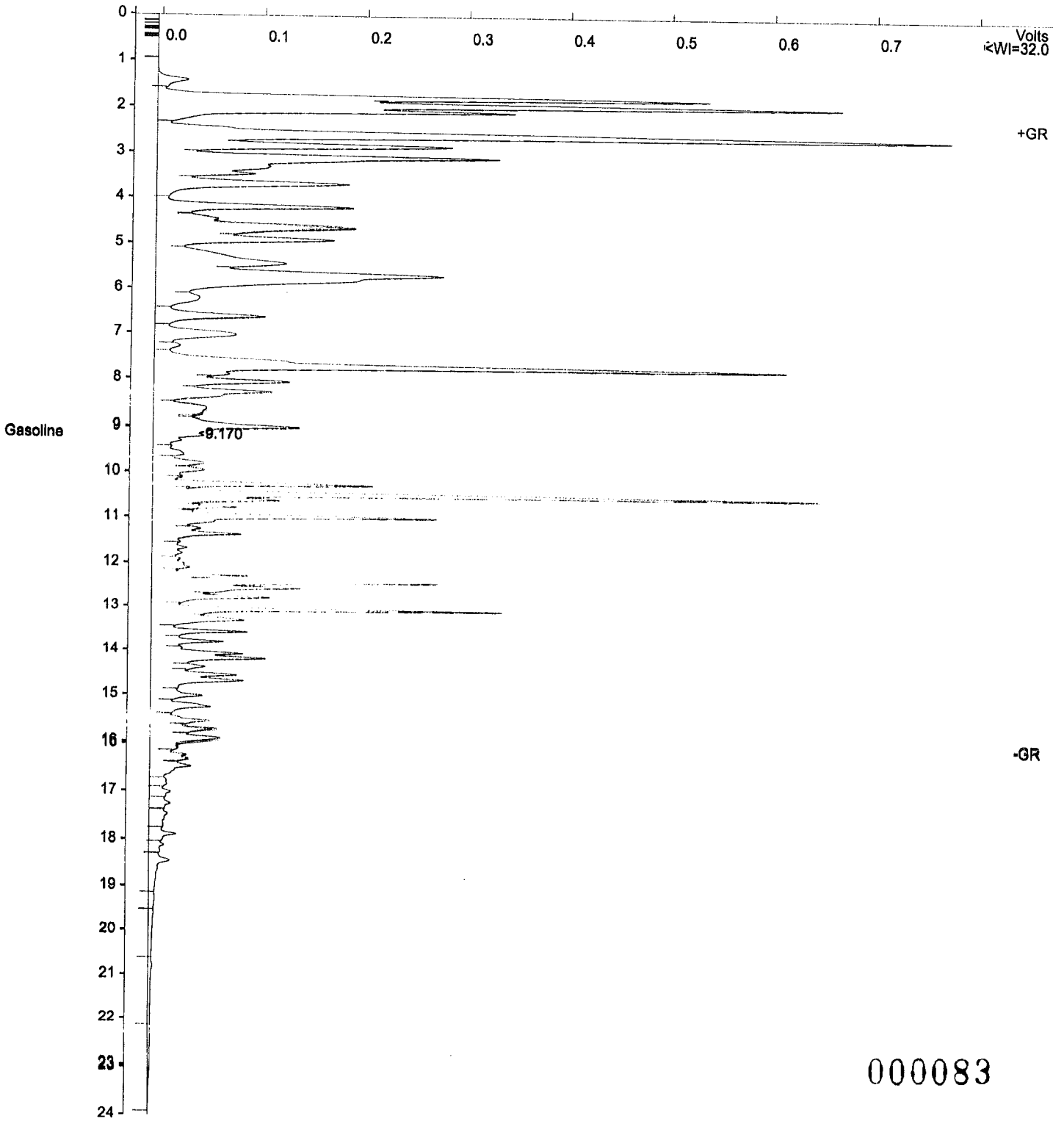
Injection Date: 10/23/02 9:58 AM Calculation Date: 10/23/02 10:22 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 367 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000083

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1015.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : glcsd-gw135

Injection Date: 10/23/02 9:58 AM Calculation Date: 10/23/02 10:22 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.1723	9.170	0.018	6558456	GR	0.0	
	Totals:	4.1723		0.018	6558456			

Total Unidentified Counts : 1323954 counts

Detected Peaks: 66 Rejected Peaks: 8 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4469 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1015.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : glcsd-gw135

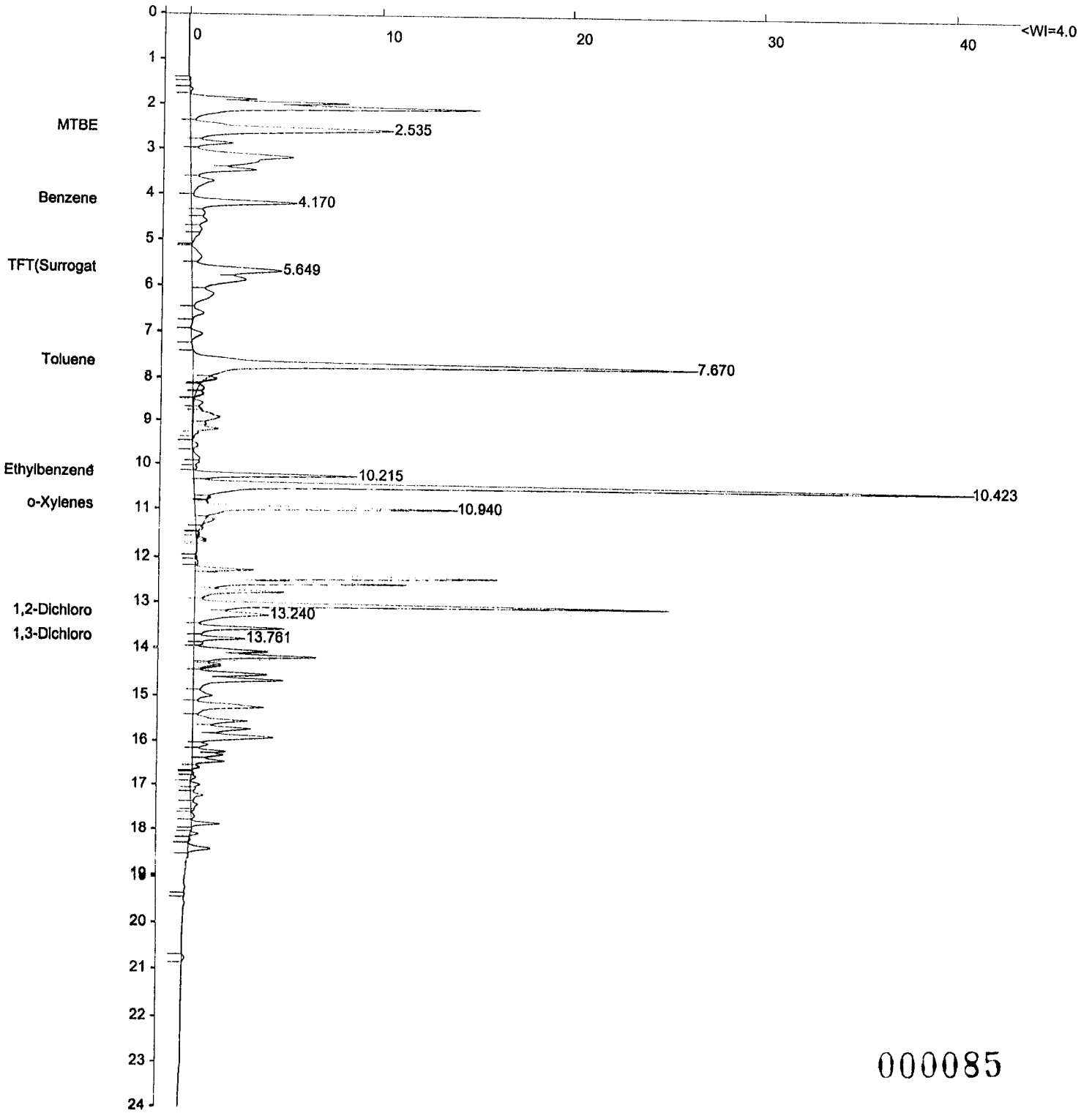
Injection Date: 10/23/02 9:58 AM Calculation Date: 10/23/02 10:22 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 19 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000085

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1015.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : glcsd-gw135

Injection Date: 10/23/02 9:58 AM Calculation Date: 10/23/02 10:22 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.535	-0.033	9117	VV	7.2	
2	Benzene	0.0000	4.170	-0.057	3802	VV	6.1	
3	TFT(Surrogat	0.2511	5.649	-0.014	4421	VV	9.8	C
4	Toluene	0.0000	7.670	-0.071	19043	BP	5.2	
5	Ethylbenzene	0.0000	10.215	-0.056	3857	VV	4.1	
6	p,m-Xylenes	0.0000	10.423	-0.077	21696	VV	0.0	
7	o-Xylenes	0.0000	10.940	-0.064	7749	VB	4.0	
8	1,2-Dichloro	0.0103	13.240	-0.014	3053	VV	7.0	C
9	1,3-Dichloro	0.0000	13.761	0.063	1172	VV	3.8	
	Totals:	0.2614		-0.323	73910			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 83372 counts

Detected Peaks: 85 Rejected Peaks: 50 Identified Peaks: 9

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1016.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 10112-809-50df
10113 ⅔

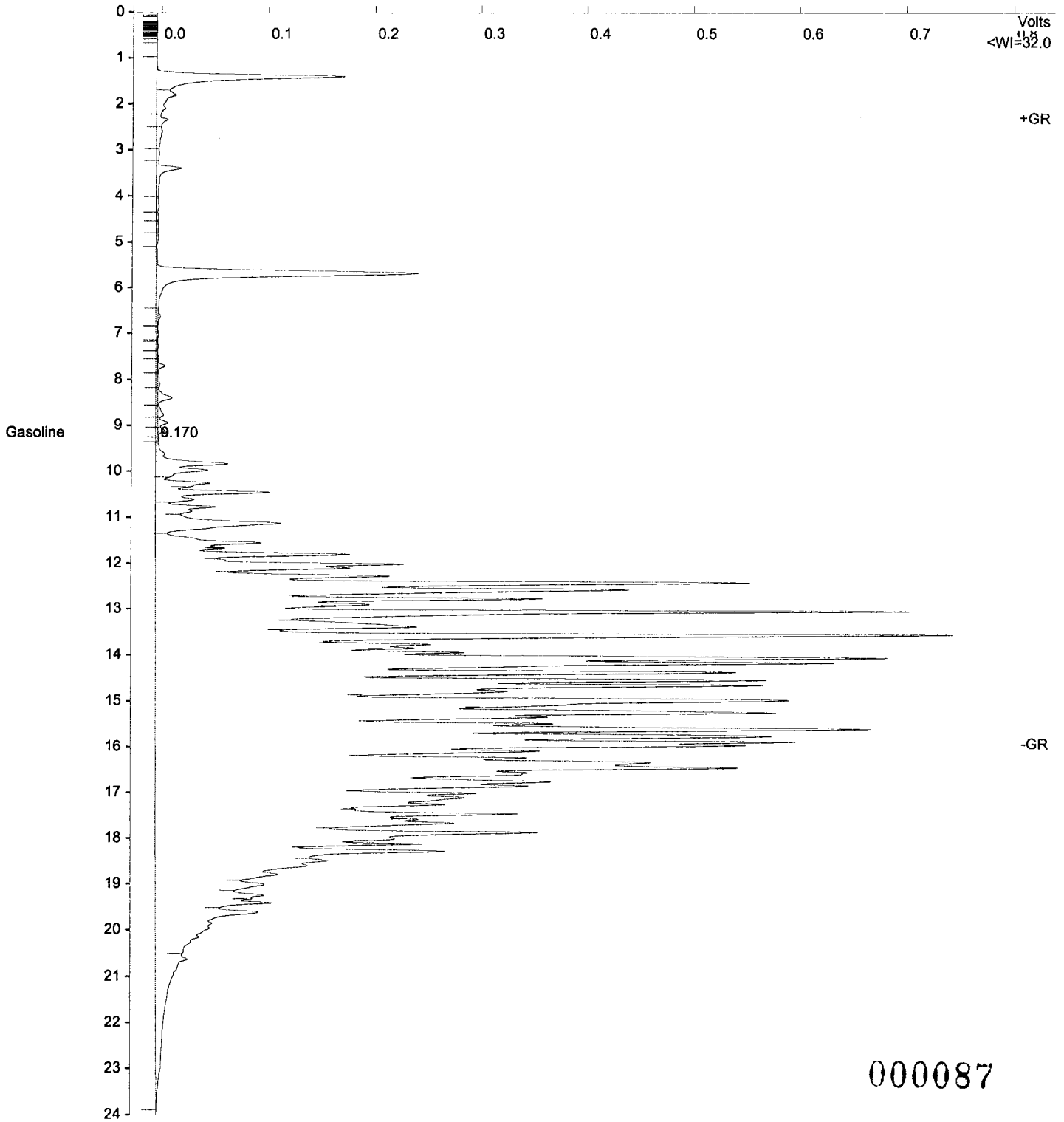
Injection Date: 10/23/02 10:37 AM Calculation Date: 10/23/02 11:01 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 354 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000087

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1016.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 10112-809-50df

Injection Date: 10/23/02 10:37 AM Calculation Date: 10/23/02 11:01 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.9435	9.170	0.018	9342694	GR	0.0	
	Totals:	5.9435 x50= 297		0.018	9342694			

Total Unidentified Counts : 4915337 counts

Detected Peaks: 76 Rejected Peaks: 17 Identified Peaks: 1

Multiplier: 150 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4469 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1016.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 10112-809-50df

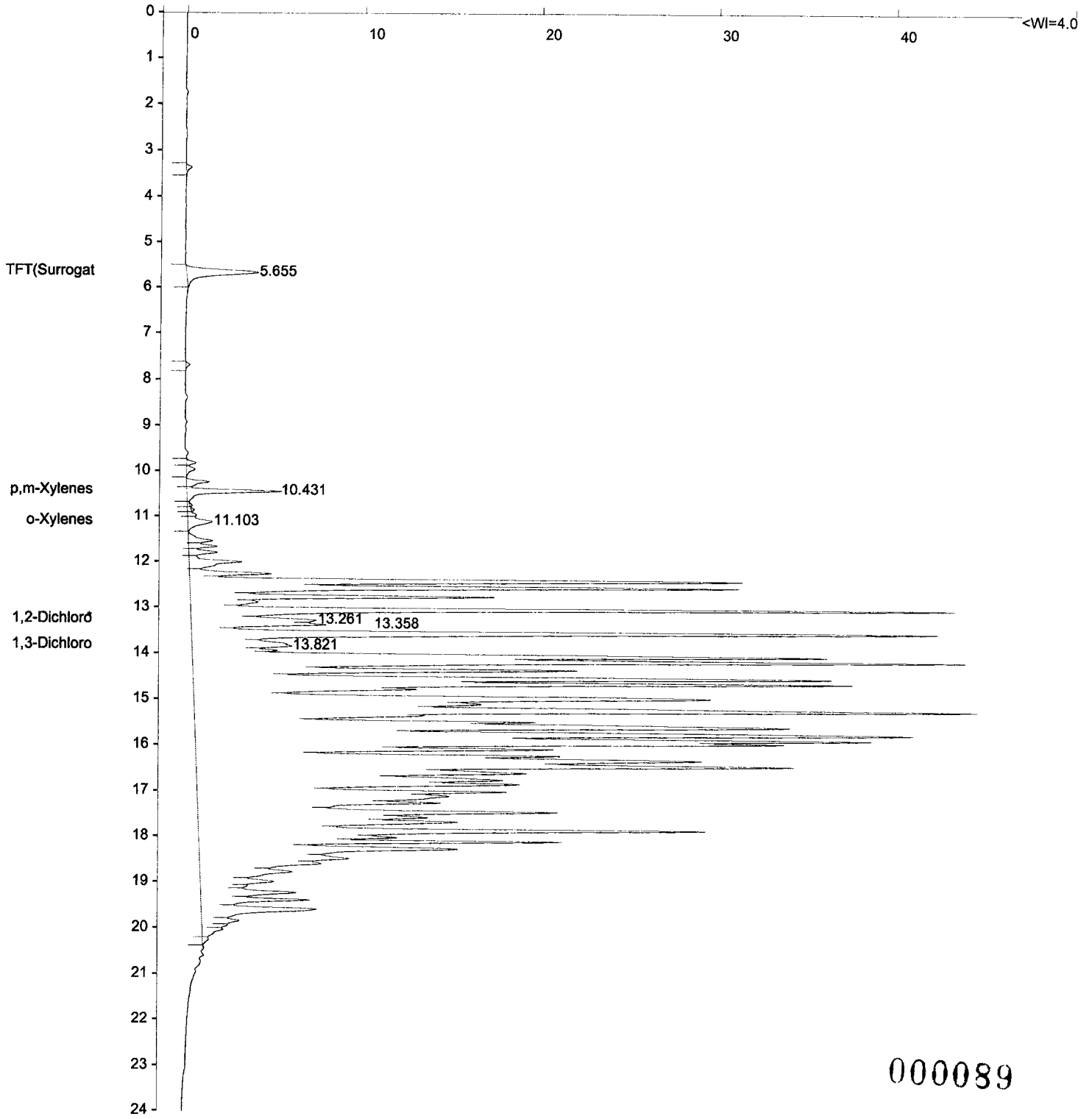
Injection Date: 10/23/02 10:37 AM Calculation Date: 10/23/02 11:01 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 21 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000089

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1016.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 10112-809-50df

Injection Date: 10/23/02 10:37 AM Calculation Date: 10/23/02 11:01 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1975	5.655	-0.009	3478	BB	7.7	
2	p,m-Xylenes	0.0000	10.431	-0.069	3039	VV	4.4	
3	o-Xylenes	0.0000	11.103	0.099	1173	VV	7.9	
4	1,2-Dichloro	0.0156	13.261	0.007	4622	VV	0.0	C
5	1,4-Dichloro	0.0000	13.358	0.042	4123	VV	9.1	
6	1,3-Dichloro	0.0000	13.821	0.123	5260	VV	0.0	
	Totals:	0.2131		0.193	21695			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 590788 counts

Detected Peaks: 70 Rejected Peaks: 11 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1017.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 10112-810-50df
10132 cf

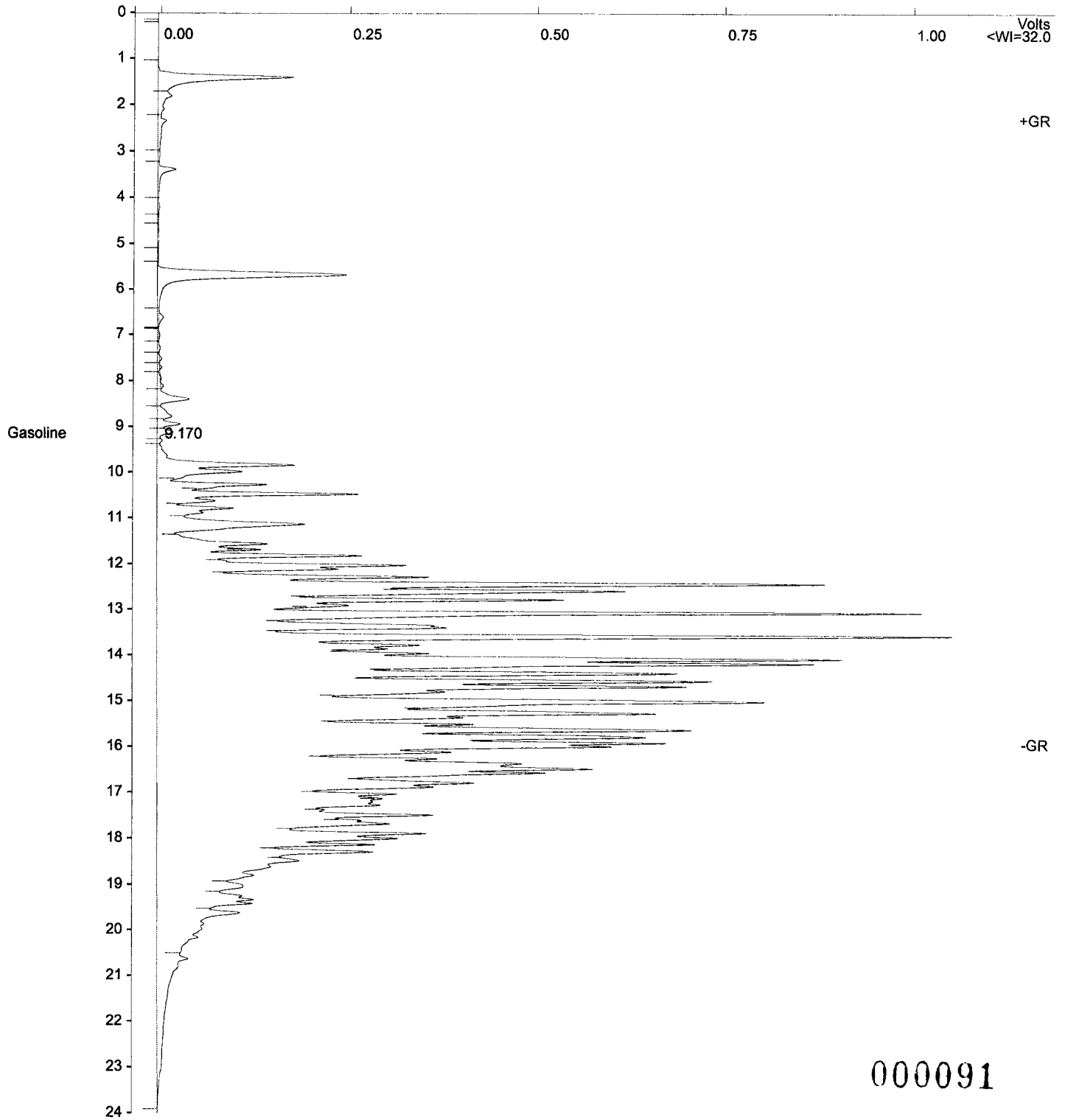
Injection Date: 10/23/02 11:17 AM Calculation Date: 10/23/02 11:41 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 500 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000091

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1017.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 10112-810-50df

Injection Date: 10/23/02 11:17 AM Calculation Date: 10/23/02 11:41 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	7.8437	9.170	0.018	12329544	GR	0.0	
	Totals:	7.8437 x 50 = 392		0.018	12329544			

Total Unidentified Counts : 5498797 counts

Detected Peaks: 58 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4369 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1017.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 10112-810-50df

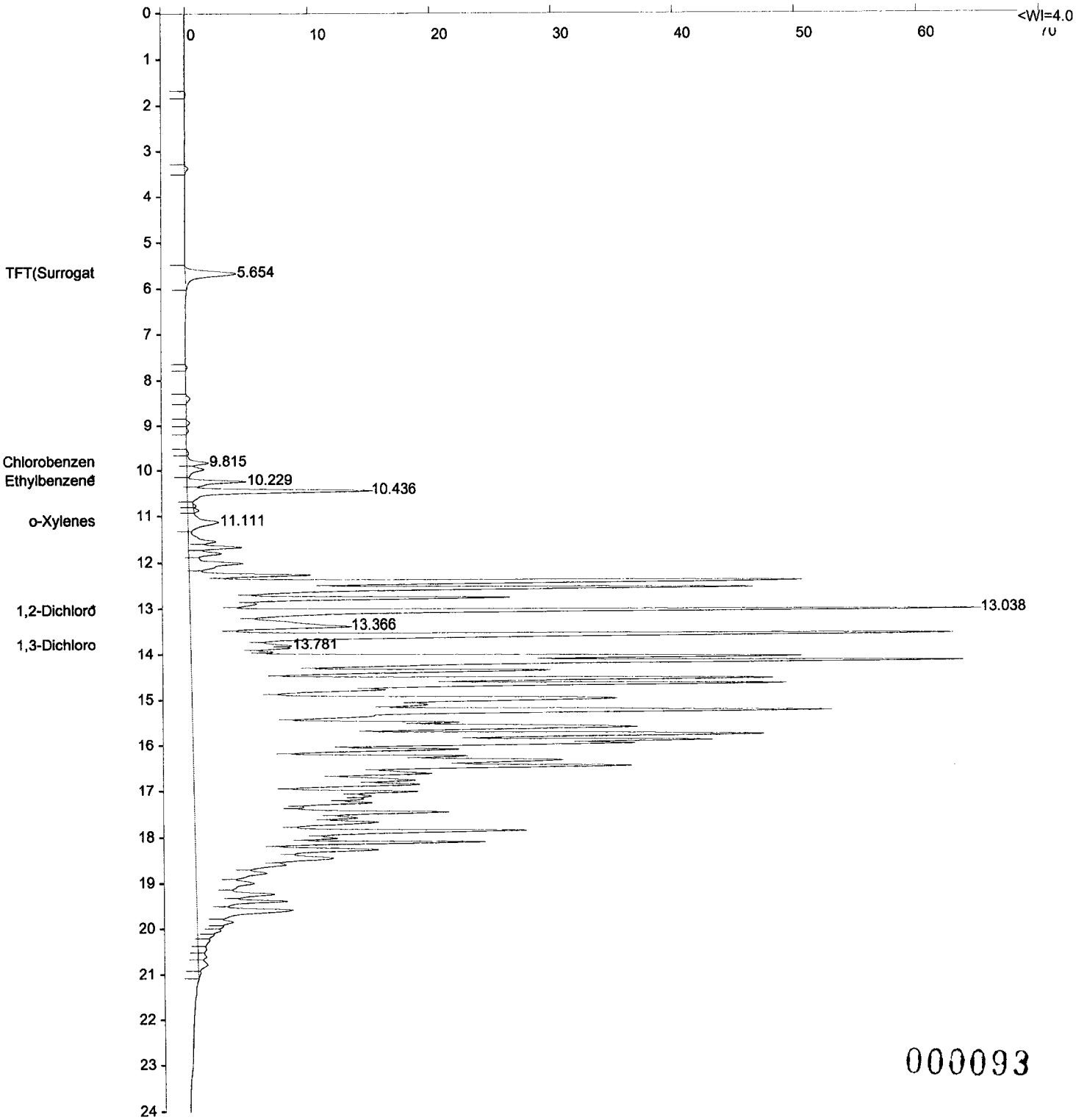
Injection Date: 10/23/02 11:17 AM Calculation Date: 10/23/02 11:41 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 30 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000093

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1017.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 10112-810-50df

Injection Date: 10/23/02 11:17 AM Calculation Date: 10/23/02 11:41 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2031	5.654	-0.009	3577	BB	7.7	
2	Chlorobenzen	0.0000	9.815	0.009	988	VV	5.0	
3	Ethylbenzene	0.0000	10.229	-0.042	2565	VV	4.4	
4	p,m-Xylenes	0.0000	10.436	-0.064	8634	VV	4.4	
5	o-Xylenes	0.0000	11.111	0.107	2643	VV	8.3	
6	1,2-Dichloro	0.1078	13.038	-0.216	31881	VV	3.9	C
7	1,4-Dichloro	0.0000	13.366	0.050	12860	VV	10.9	
8	1,3-Dichloro	0.0000	13.781	0.083	4644	VV	0.0	
	Totals:	0.3109		-0.082	67792			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 703842 counts

Detected Peaks: 79 Rejected Peaks: 15 Identified Peaks: 8

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -9 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1018.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-811-50df

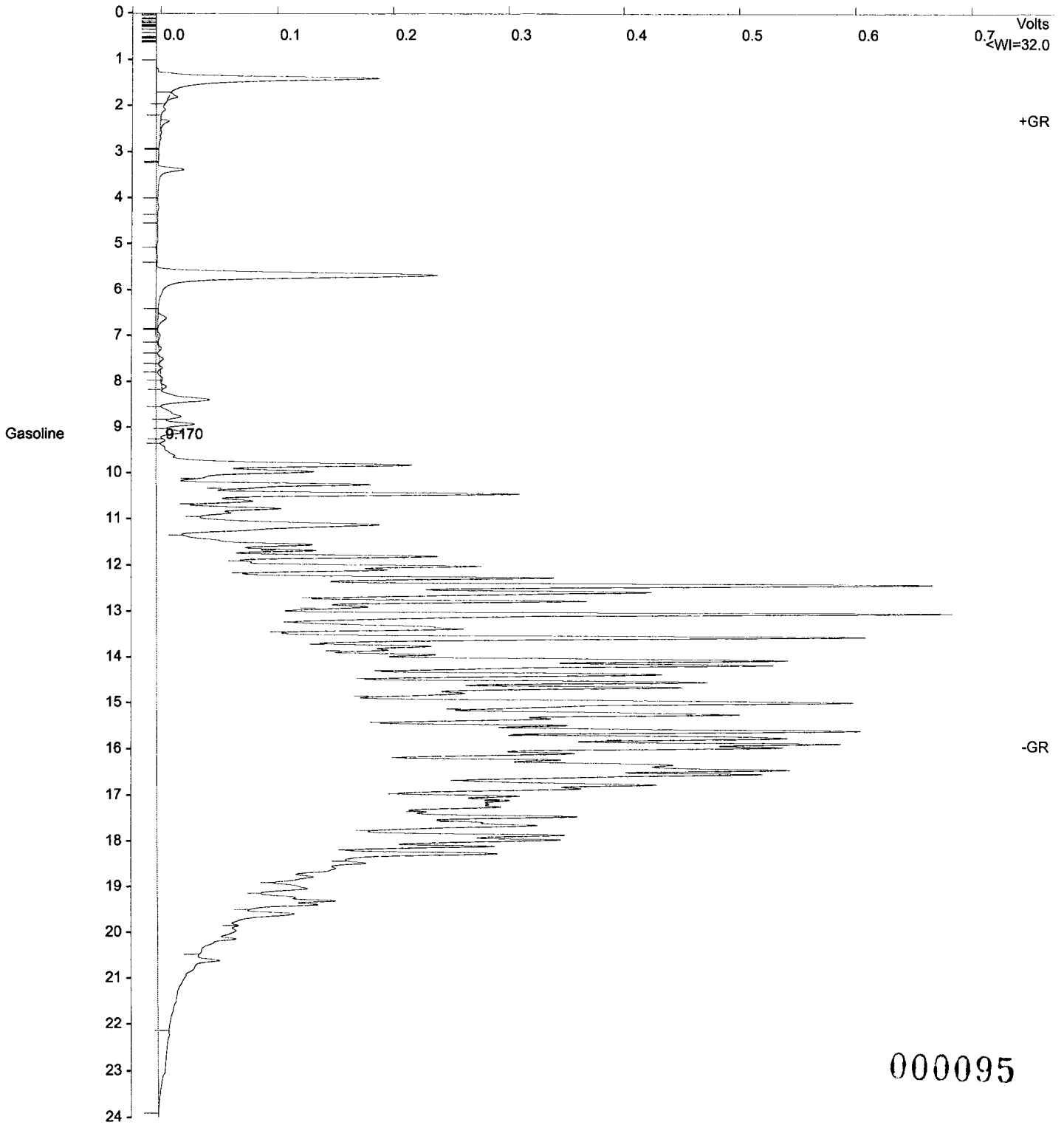
Injection Date: 10/23/02 11:57 AM Calculation Date: 10/23/02 12:21 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 325 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000095

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1018.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-811-50df

Injection Date: 10/23/02 11:57 AM Calculation Date: 10/23/02 12:21 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	6.0445	9.170	0.018	9501381	GR	0.0	
	Totals:	6.0445 x 50 = 302		0.018	9501381			

Total Unidentified Counts : 5651423 counts

Detected Peaks: 72 Rejected Peaks: 13 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4219 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1018.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-811-50df

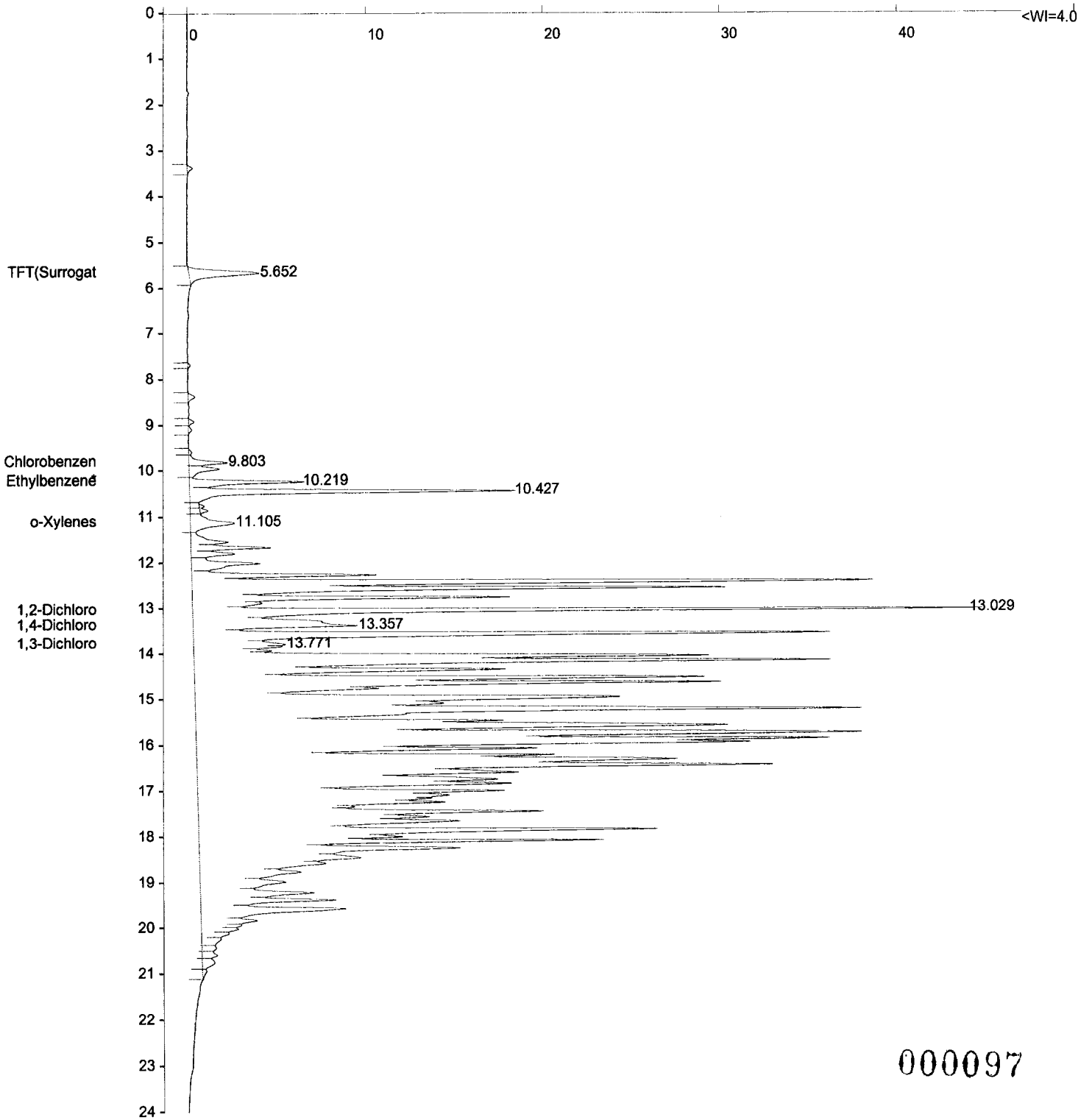
Injection Date: 10/23/02 11:57 AM Calculation Date: 10/23/02 12:21 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 21 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000097

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1018.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-811-50df

Injection Date: 10/23/02 11:57 AM Calculation Date: 10/23/02 12:21 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1829	5.652	-0.011	3221	BB	7.5	
2	Chlorobenzen	0.0000	9.803	-0.003	1239	VV	5.1	
3	Ethylbenzene	0.0000	10.219	-0.052	3402	VV	4.3	
4	p,m-Xylenes	0.0000	10.427	-0.073	10499	VV	4.4	
5	o-Xylenes	0.0000	11.105	0.101	2771	VV	8.6	
6	1,2-Dichloro	0.0729	13.029	-0.225	21566	VV	3.8	C
7	1,4-Dichloro	0.0000	13.357	0.041	9907	VV	11.9	
8	1,3-Dichloro	0.0000	13.771	0.073	3134	VV	0.0	
	Totals:	0.2558		-0.149	55739			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 559706 counts

Detected Peaks: 78 Rejected Peaks: 12 Identified Peaks: 8

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 20 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1019.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-812-50df

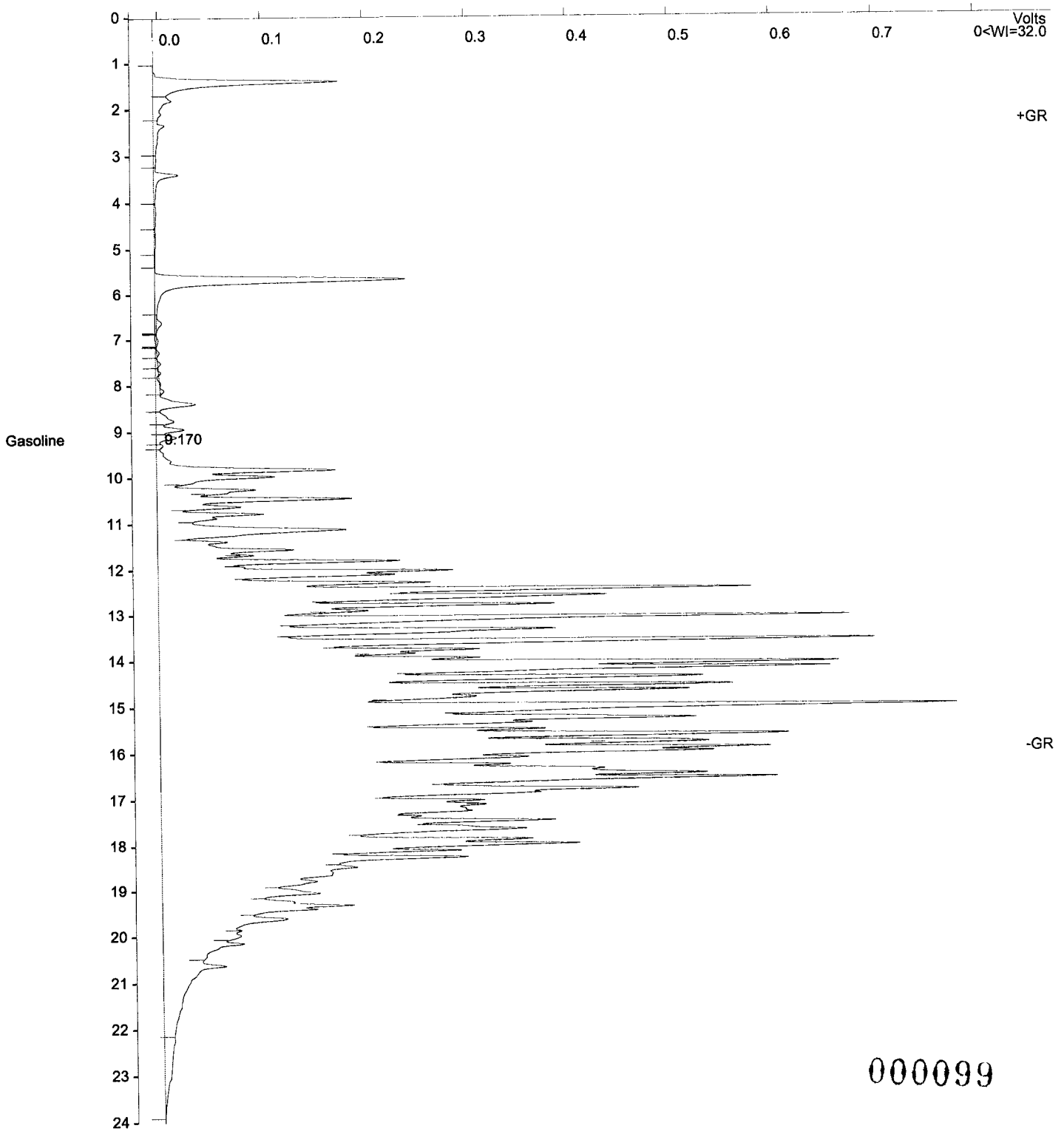
Injection Date: 10/23/02 12:36 PM Calculation Date: 10/23/02 1:00 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 370 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000099

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1019.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-812-50df

Injection Date: 10/23/02 12:36 PM Calculation Date: 10/23/02 1:00 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	6.4830	9.170	0.018	10190760	GR	0.0	
	Totals:	6.4830 x50= 324		0.018	10190760			

Total Unidentified Counts : 5978545 counts

Detected Peaks: 59 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1.52 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4189 microVolts

Noise (used): 90 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1019.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-812-50df

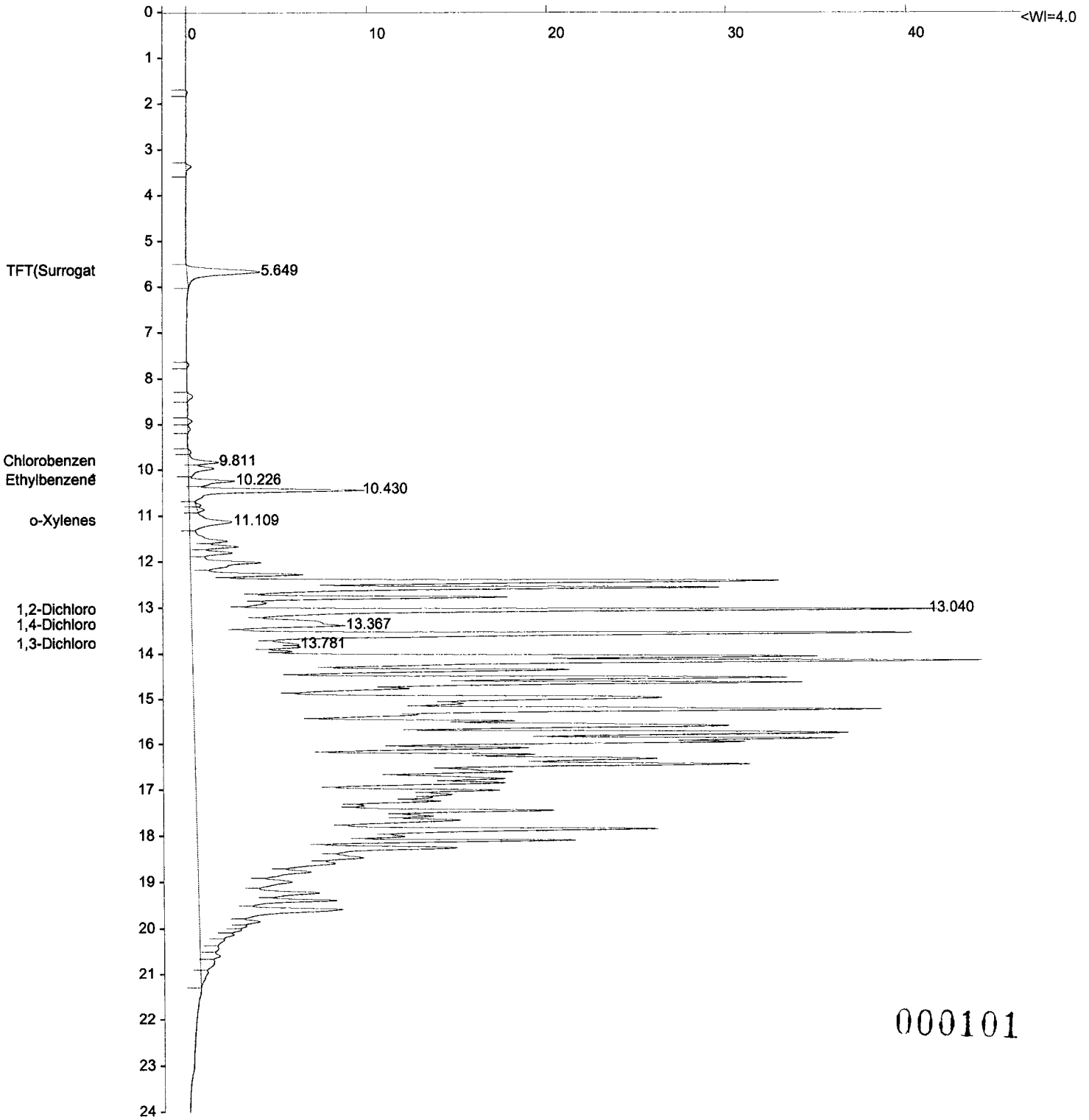
Injection Date: 10/23/02 12:36 PM Calculation Date: 10/23/02 1:00 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 20 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000101

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1019.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-812-50df

Injection Date: 10/23/02 12:36 PM Calculation Date: 10/23/02 1:00 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1972	5.649	-0.014	3472	BB	7.6	
2	Chlorobenzen	0.0000	9.811	0.005	939	VV	5.0	
3	Ethylbenzene	0.0000	10.226	-0.045	1529	VV	5.0	
4	p,m-Xylenes	0.0000	10.430	-0.070	5840	VV	4.4	
5	o-Xylenes	0.0000	11.109	0.105	2504	VV	8.4	
6	1,2-Dichloro	0.0701	13.040	-0.214	20730	VV	3.9	C
7	1,4-Dichloro	0.0000	13.367	0.051	9327	VV	12.3	
8	1,3-Dichloro	0.0000	13.781	0.083	3385	VV	0.0	
	Totals:	0.2673		-0.099	47726			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 579031 counts

Detected Peaks: 80 Rejected Peaks: 11 Identified Peaks: 8

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 0 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

Calib. out of range: No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1020.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-815-100dsf

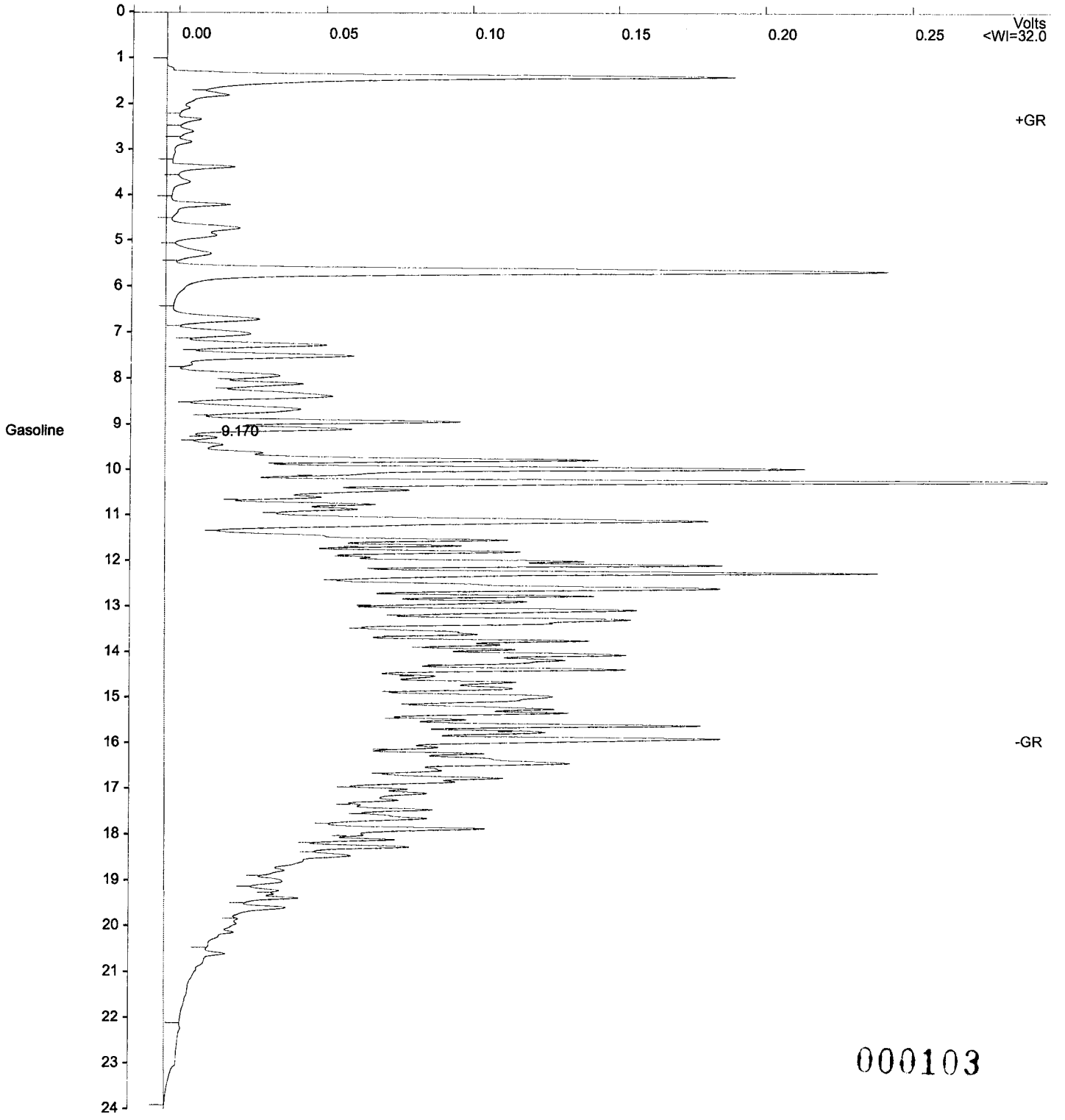
Injection Date: 10/23/02 1:16 PM Calculation Date: 10/23/02 1:40 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000103

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1020.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-815-100dsf

Injection Date: 10/23/02 1:16 PM Calculation Date: 10/23/02 1:40 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	3.1048	9.170	0.018	4880415	GR	0.0	
	Totals:	3.1048		0.018	4880415			

Total Unidentified Counts : 1826387 counts

Detected Peaks: 60 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4159 microVolts

Noise (used): 100 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1020.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-815-100dsf

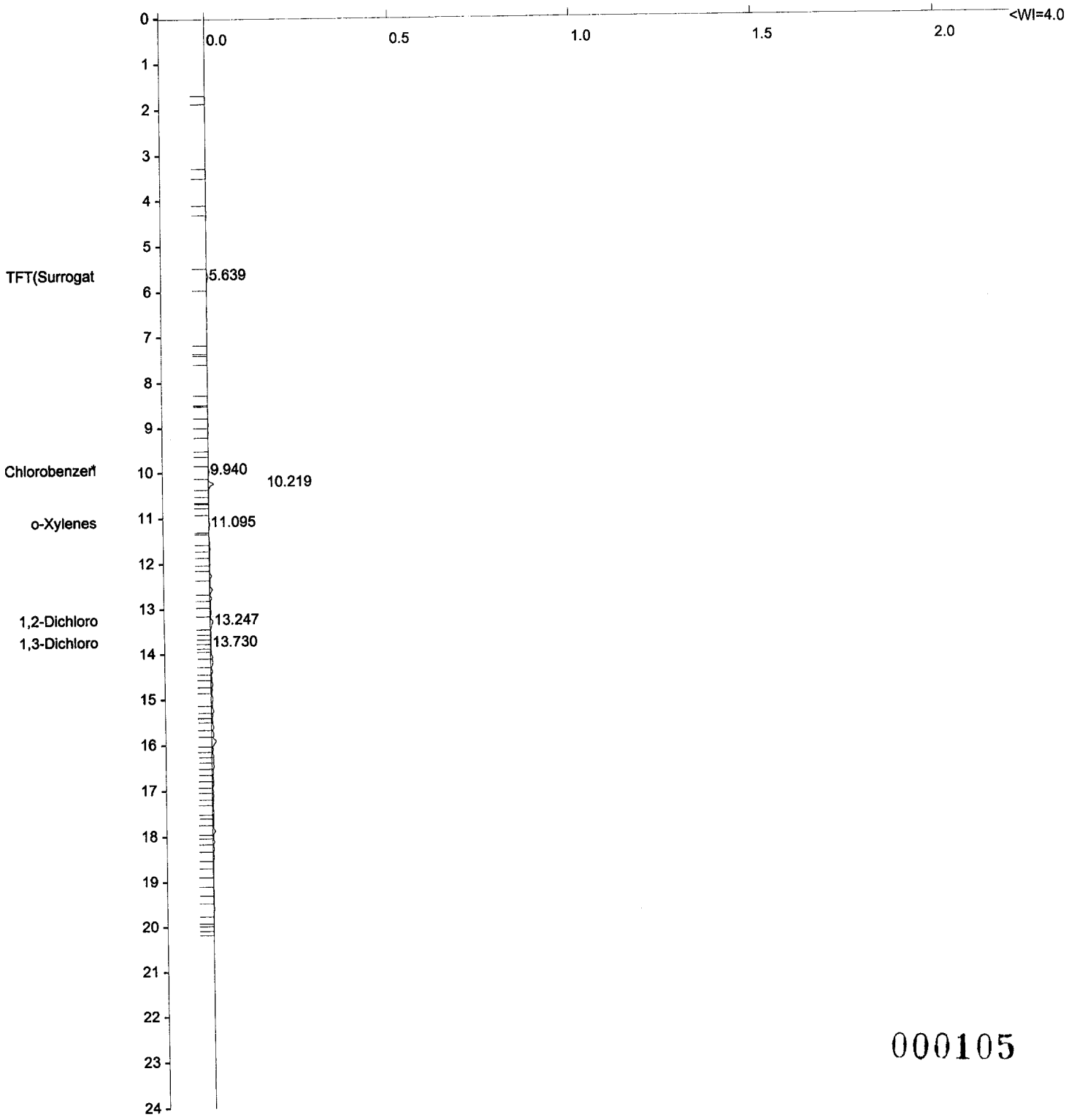
Injection Date: 10/23/02 1:16 PM Calculation Date: 10/23/02 1:40 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1020.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-815-100dsf

Injection Date: 10/23/02 1:16 PM Calculation Date: 10/23/02 1:40 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1939	5.639	-0.024	3415	BB	7.6	
2	Chlorobenzen	0.0000	9.940	0.134	1566	VV	5.7	
3	Ethylbenzene	0.0000	10.219	-0.052	7640	VB	4.2	
4	o-Xylenes	0.0000	11.095	0.091	1836	VB	7.3	
5	1,2-Dichloro	0.0224	13.247	-0.007	6626	VV	6.7	C
6	1,3-Dichloro	0.0000	13.730	0.032	884	VV	0.0	
	Totals:	0.2163		0.174	21967			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 116623 counts

Detected Peaks: 75 Rejected Peaks: 21 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 10 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1021.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-816-100df

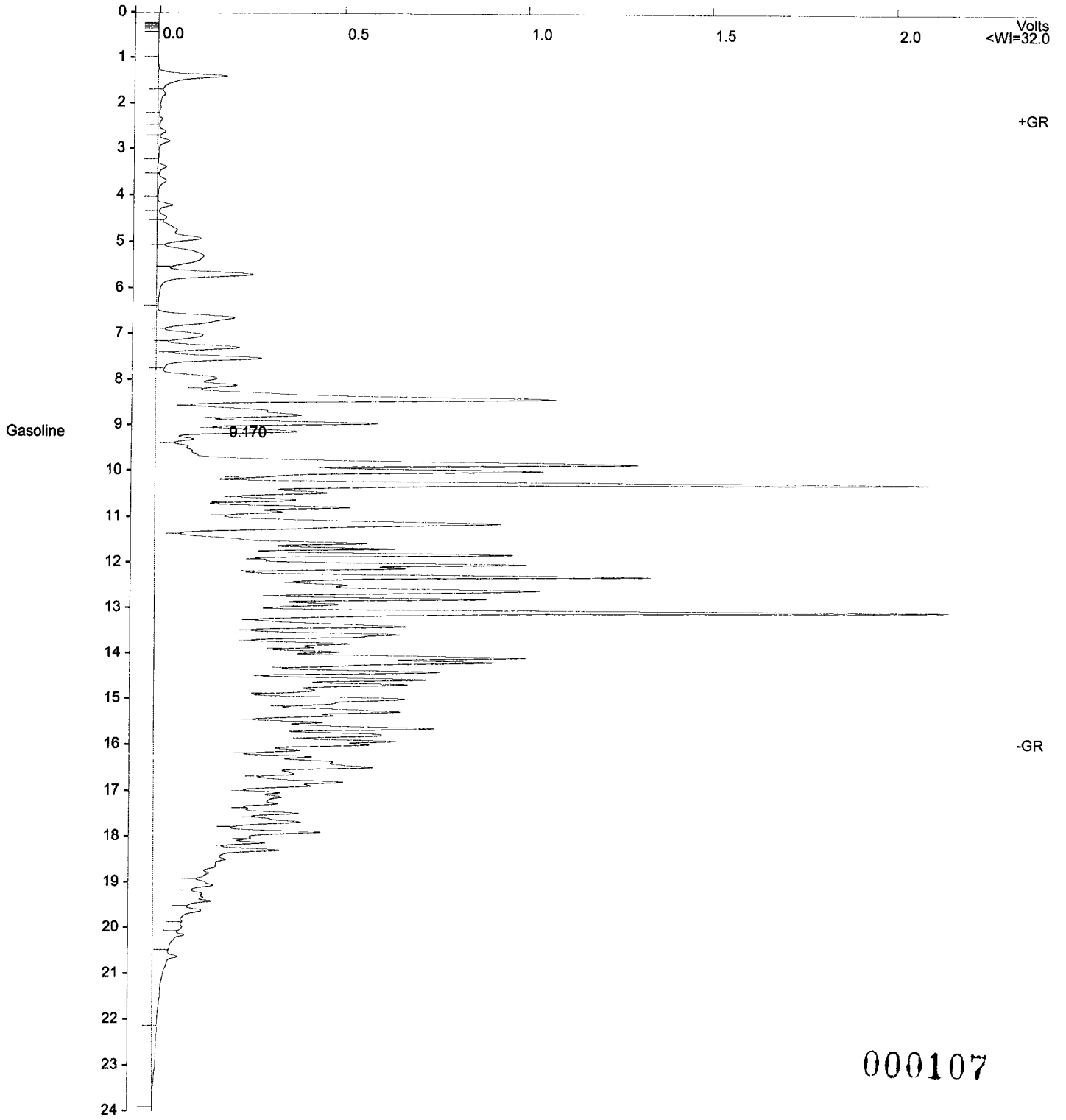
Injection Date: 10/23/02 1:55 PM Calculation Date: 10/23/02 2:19 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1019 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000107

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1021.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-816-100df

Injection Date: 10/23/02 1:55 PM Calculation Date: 10/23/02 2:19 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	15.7209	9.170	0.018	24711890	GR	0.0	
	Totals:	15.7209		0.018	24711890			

Total Unidentified Counts : 6280962 counts

Detected Peaks: 65 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4409 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1021.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-816-100df

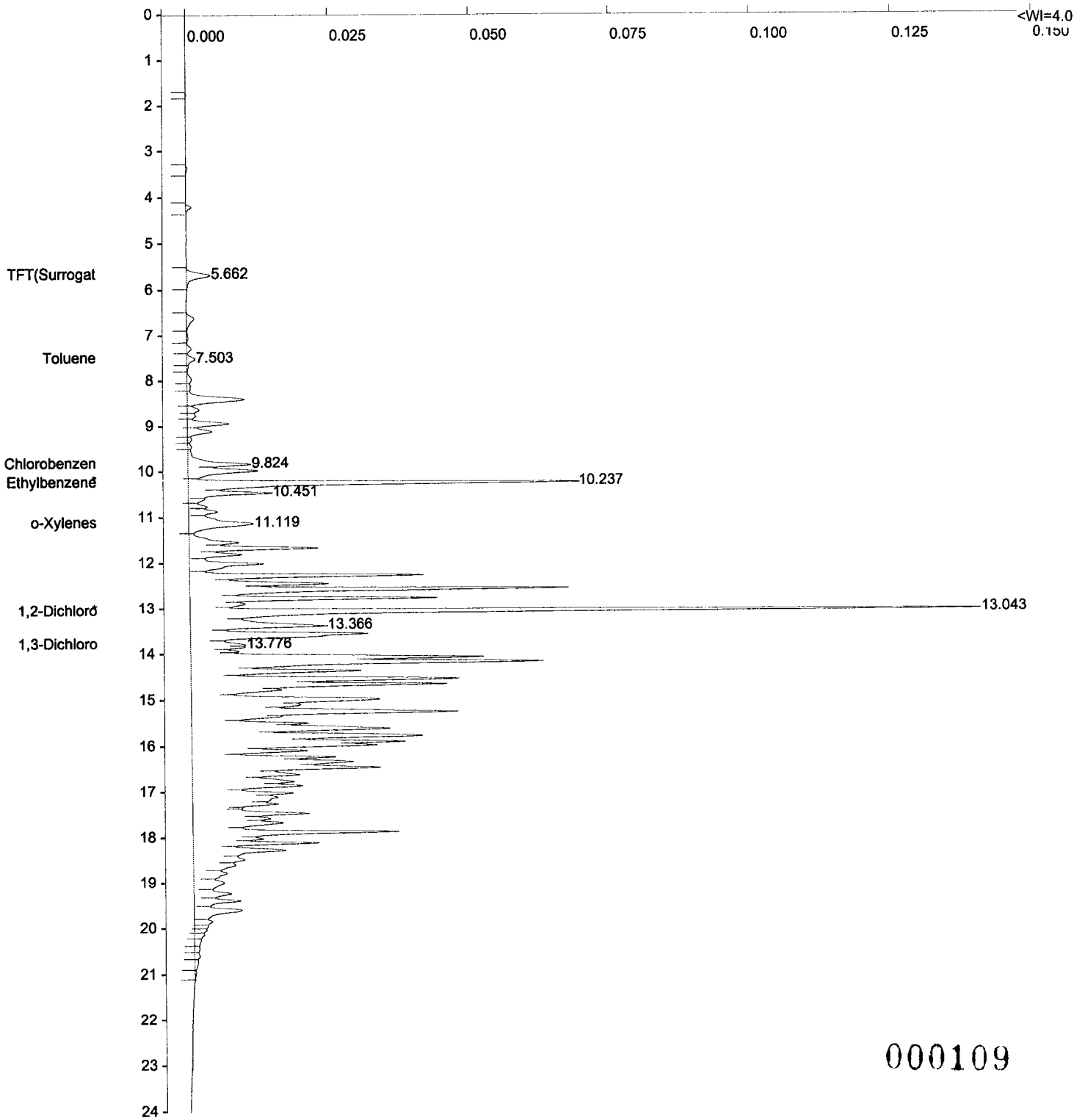
Injection Date: 10/23/02 1:55 PM Calculation Date: 10/23/02 2:19 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 66 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1021.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-816-100df

Injection Date: 10/23/02 1:55 PM Calculation Date: 10/23/02 2:19 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1969	5.662	-0.001	3467	BB	7.5	
2	Toluene	0.0000	7.503	-0.238	1108	VV	7.4	
3	Chlorobenzen	0.0000	9.824	0.018	8155	VV	6.1	
4	Ethylbenzene	0.0000	10.237	-0.034	38417	VV	4.6	
5	p,m-Xylenes	0.0000	10.451	-0.049	8439	VV	5.1	
6	o-Xylenes	0.0000	11.119	0.115	12430	VV	8.7	
7	1,2-Dichloro	0.2329	13.043	-0.211	68880	VV	3.9	C
8	1,4-Dichloro	0.0000	13.366	0.050	20846	VV	7.9	
9	1,3-Dichloro	0.0000	13.776	0.078	5607	VV	0.0	
	Totals:	0.4298		-0.272	167349			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 776025 counts

Detected Peaks: 90 Rejected Peaks: 14 Identified Peaks: 9

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1022.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-817-100df

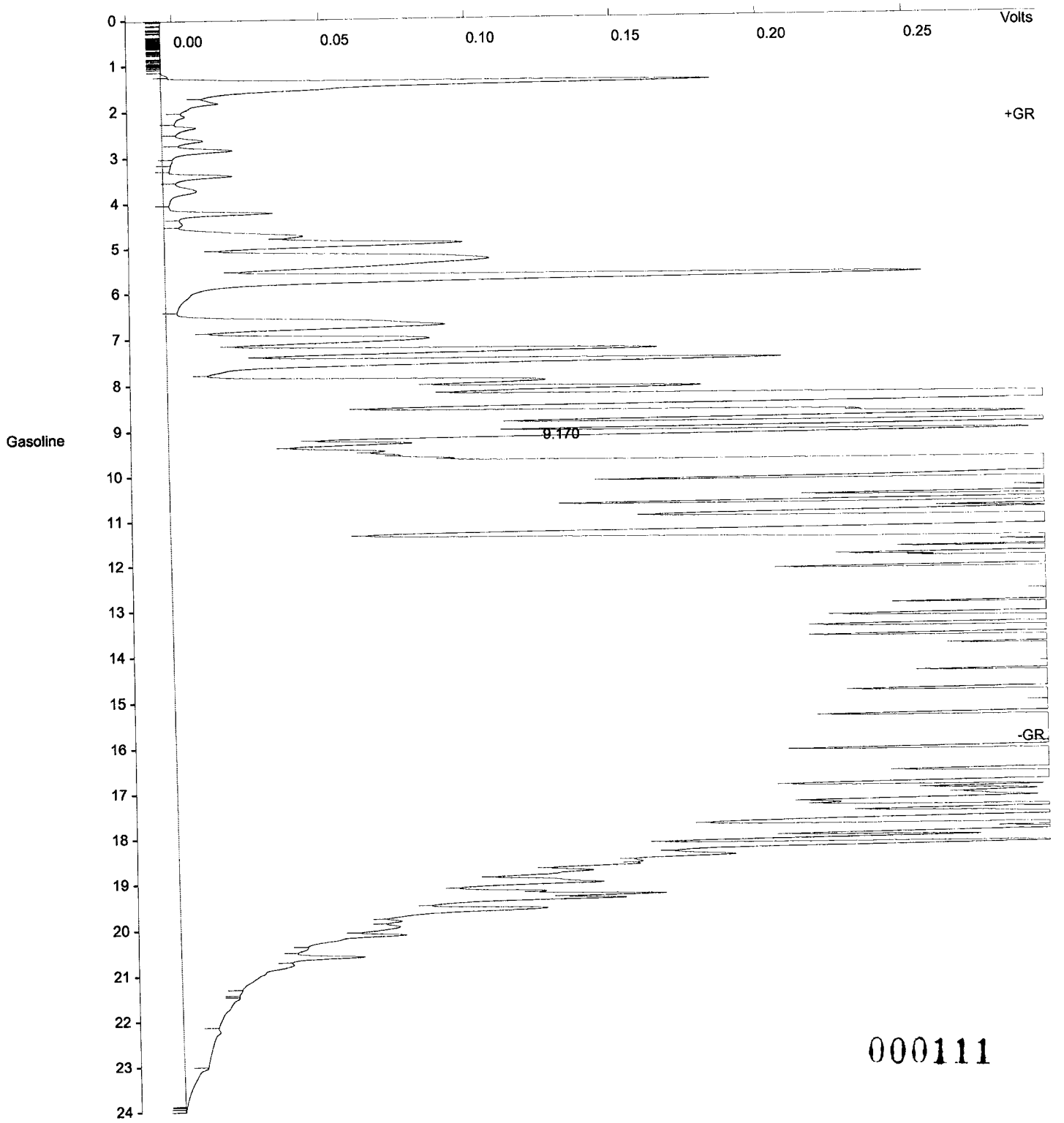
Injection Date: 10/23/02 2:35 PM Calculation Date: 10/23/02 2:59 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000111

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1022.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-817-100df

Injection Date: 10/23/02 2:35 PM Calculation Date: 10/23/02 2:59 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	13.3018	9.170	0.018	20909220	GR	0.0	
	Totals:	13.3018		0.018	20909220			

Total Unidentified Counts : 5969366 counts

Detected Peaks: 156 Rejected Peaks: 47 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -3799 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1022.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-817-100df

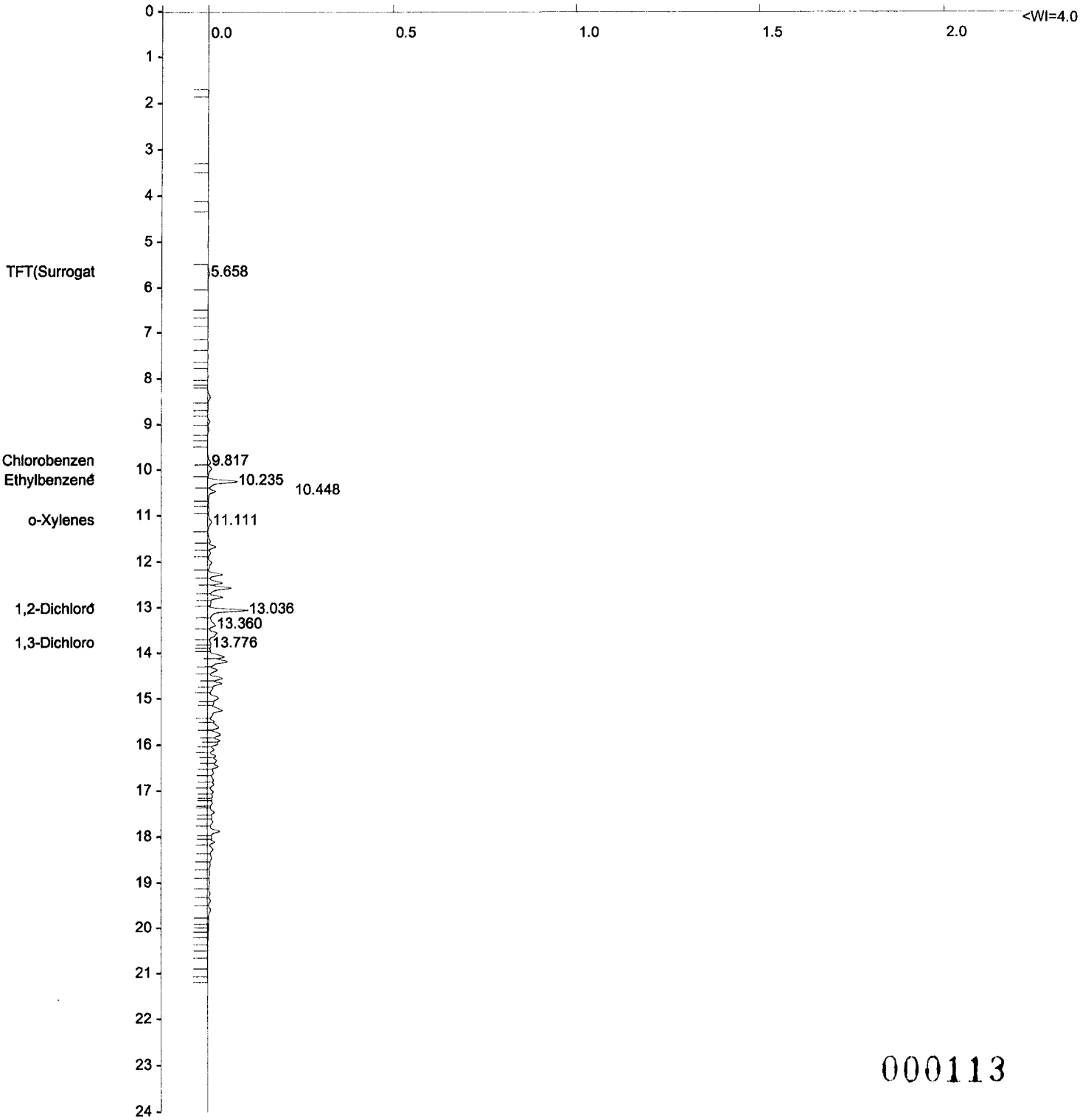
Injection Date: 10/23/02 2:35 PM Calculation Date: 10/23/02 2:59 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000113

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1022.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-817-100df

Injection Date: 10/23/02 2:35 PM Calculation Date: 10/23/02 2:59 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2046	5.658	-0.005	3603	BB	7.5	
2	Chlorobenzen	0.0000	9.817	0.011	6115	VV	6.2	
3	Ethylbenzene	0.0000	10.235	-0.036	43472	VV	4.7	
4	p,m-Xylenes	0.0000	10.448	-0.052	13112	VV	4.5	
5	o-Xylenes	0.0000	11.111	0.107	11372	VV	8.9	
6	1,2-Dichloro	0.1827	13.036	-0.218	54030	VV	3.9	C
7	1,4-Dichloro	0.0000	13.360	0.044	18181	VV	7.8	
8	1,3-Dichloro	0.0000	13.776	0.078	5159	VV	0.0	
	Totals:	0.3873		-0.071	155044			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 692298 counts

Detected Peaks: 92 Rejected Peaks: 19 Identified Peaks: 8

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 0 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1023.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-813-50df

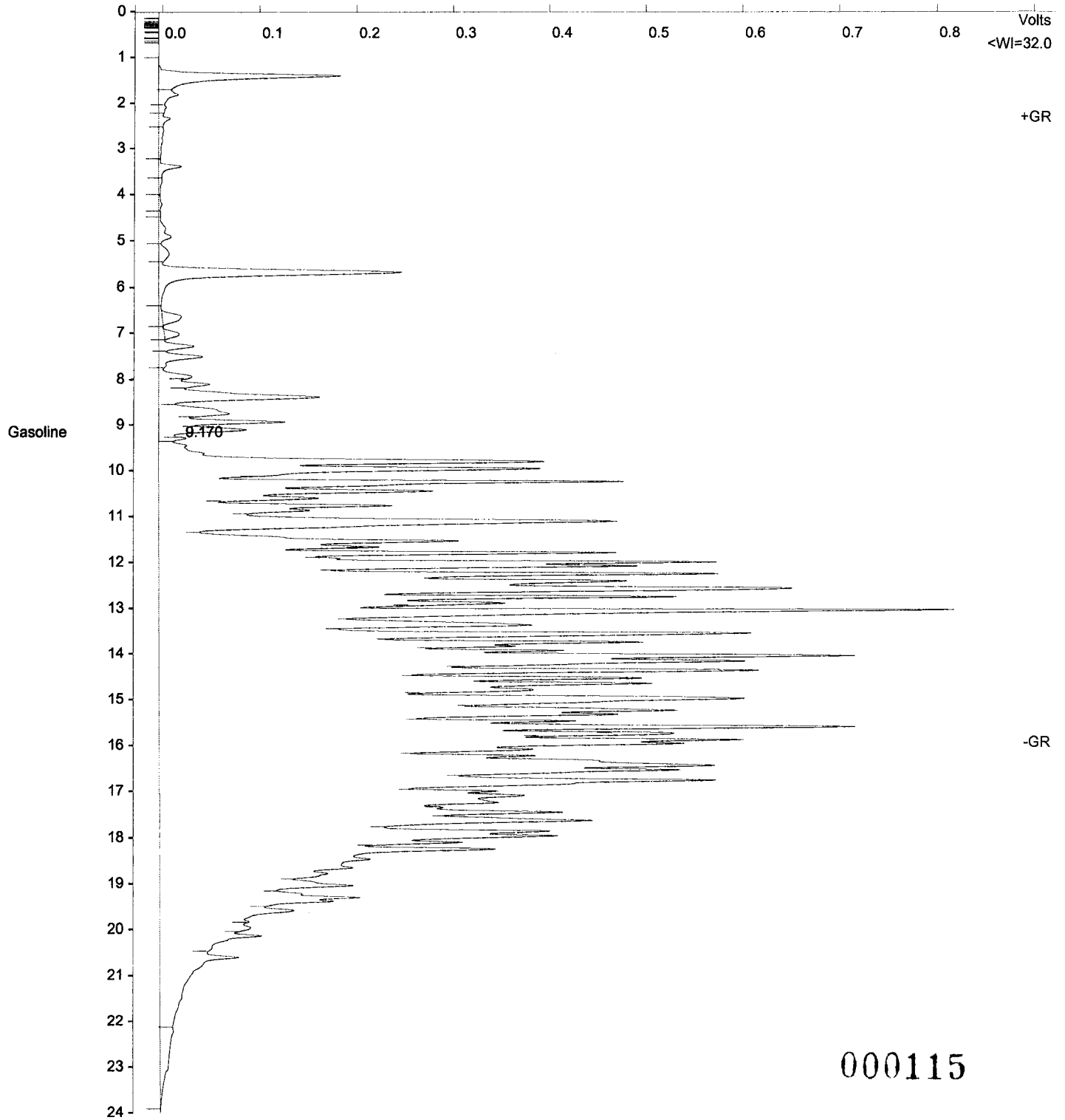
Injection Date: 10/23/02 3:14 PM Calculation Date: 10/23/02 3:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 389 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000115

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1023.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-813-50df

Injection Date: 10/23/02 3:14 PM Calculation Date: 10/23/02 3:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	8.9917	9.170	0.018	14134128	GR	0.0	
	Totals:	8.9917		0.018	14134128			

Total Unidentified Counts : 6836801 counts

Detected Peaks: 72 Rejected Peaks: 11 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -3799 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1023.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-813-50df

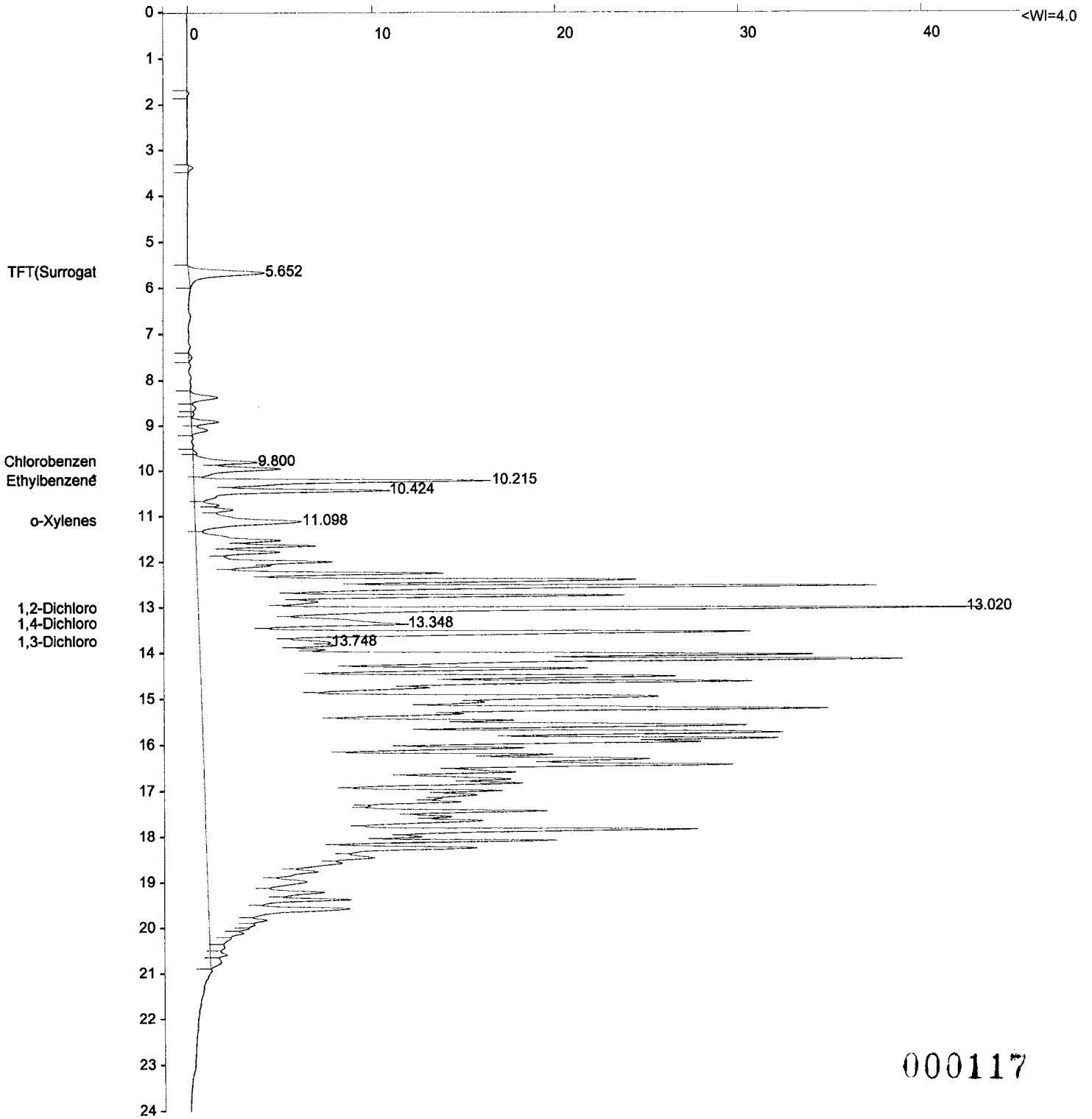
Injection Date: 10/23/02 3:14 PM Calculation Date: 10/23/02 3:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 20 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1023.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-813-50df

Injection Date: 10/23/02 3:14 PM Calculation Date: 10/23/02 3:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1975	5.652	-0.011	3478	BB	7.5	
2	Chlorobenzen	0.0000	9.800	-0.006	2229	VV	5.7	
3	Ethylbenzene	0.0000	10.215	-0.056	8757	VV	4.3	
4	p,m-Xylenes	0.0000	10.424	-0.076	6392	VV	4.8	
5	o-Xylenes	0.0000	11.098	0.094	5983	VV	8.1	
6	1,2-Dichloro	0.0790	13.020	-0.234	23372	VV	4.1	C
7	1,4-Dichloro	0.0000	13.348	0.032	11874	VV	11.7	
8	1,3-Dichloro	0.0000	13.748	0.050	4157	VV	0.0	
	Totals:	0.2765		-0.207	66242			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 583307 counts

Detected Peaks: 82 Rejected Peaks: 11 Identified Peaks: 8

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

Calib. out of range: No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1024.run
Method File : c:\star\module18\method\gbtx0821.mth
Sample ID : 101132-815-50df R

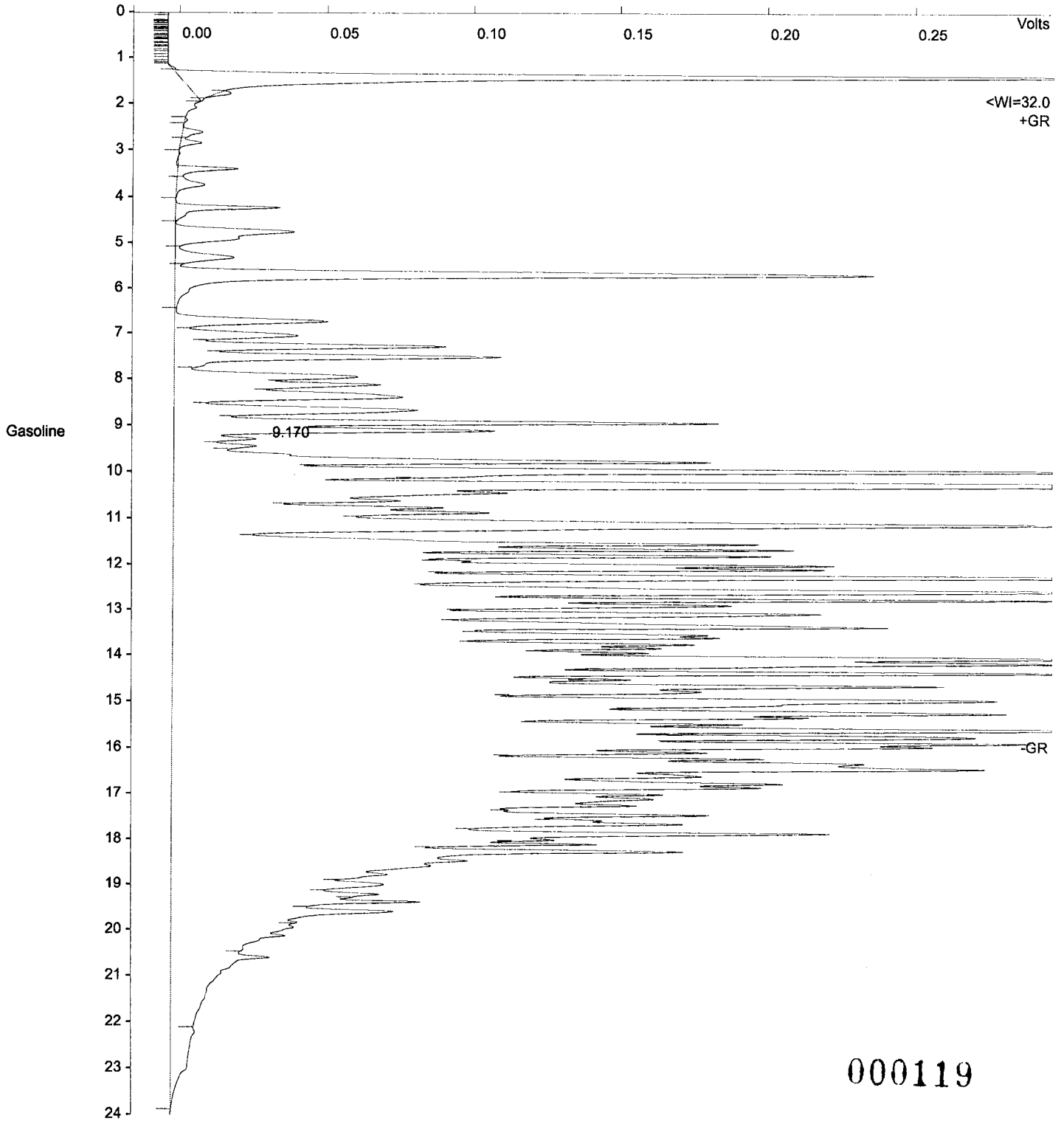
Injection Date: 10/23/02 3:54 PM Calculation Date: 10/23/02 4:47 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000119

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1024.run
Method File : c:\star\module18\method\gbtx0821.mth
Sample ID : 101132-815-50df R

Injection Date: 10/23/02 3:54 PM Calculation Date: 10/23/02 4:47 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.1309	9.170	0.018	7755464	GR	0.0	
	Totals:	5.1309 WSD: 257		0.018	7755464			

Total Unidentified Counts : 3222951 counts

Detected Peaks: 86 Rejected Peaks: 27 Identified Peaks: 1

Multiplier: 1 SD Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -3869 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1024.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-815-50df R

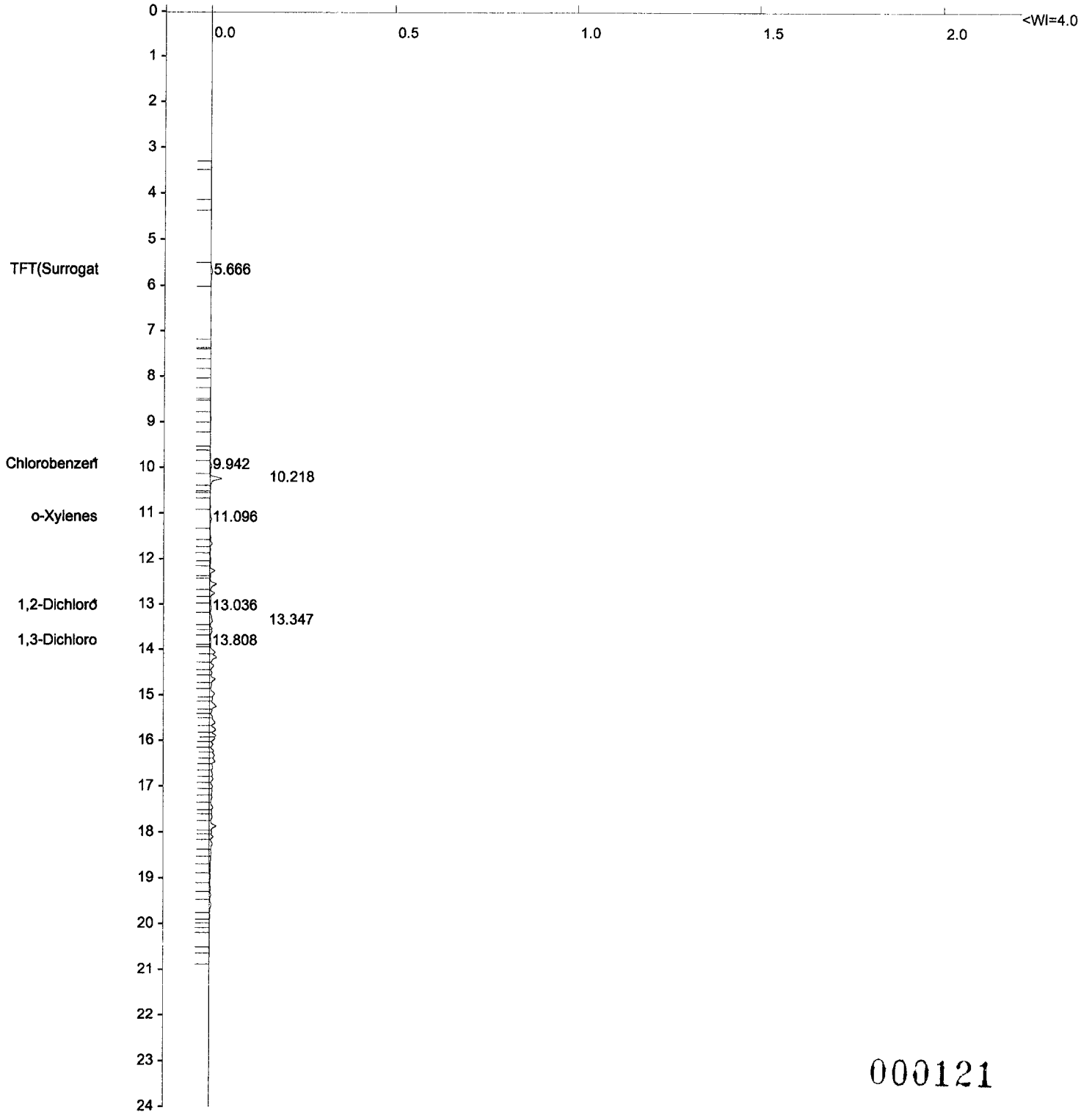
Injection Date: 10/23/02 3:54 PM Calculation Date: 10/23/02 4:18 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000121

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1024.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-815-50df R

Injection Date: 10/23/02 3:54 PM Calculation Date: 10/23/02 4:18 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1873	5.666	0.003	3299	BB	7.5	
2	Chlorobenzen	0.0000	9.942	0.136	2292	PV	5.7	
3	Ethylbenzene	0.0000	10.218	-0.053	15348	VB	4.1	
4	o-Xylenes	0.0000	11.096	0.092	3228	VP	7.4	
5	1,2-Dichloro	0.0107	13.036	-0.218	3168	VV	9.7	C
6	1,4-Dichloro	0.0000	13.347	0.031	6783	VV	10.1	
7	1,3-Dichloro	0.0000	13.808	0.110	2837	VV	0.0	
	Totals:	0.1980		0.101	36955			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 262810 counts

Detected Peaks: 78 Rejected Peaks: 20 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1025.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : gccv-gw125

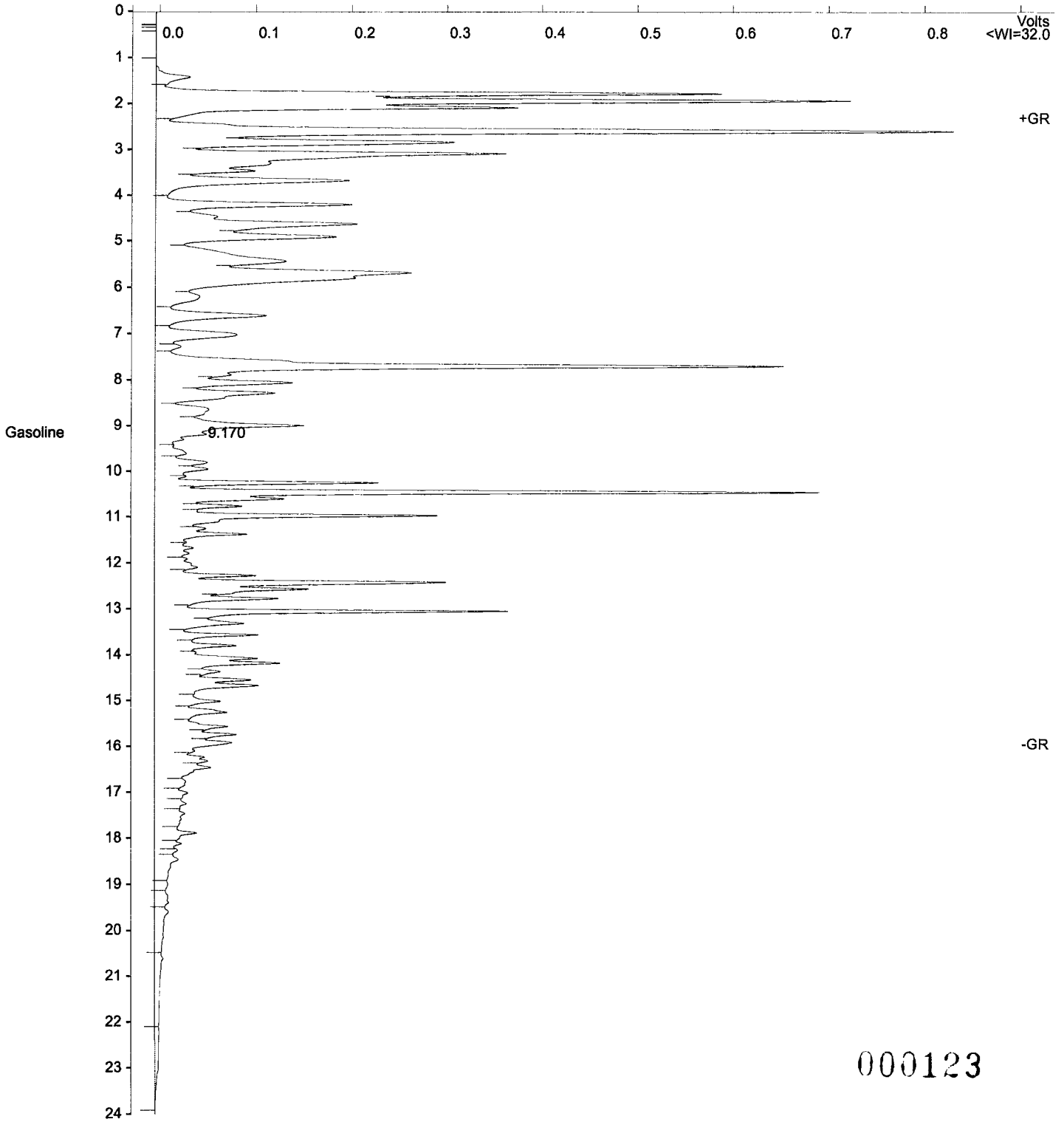
Injection Date: 10/23/02 4:34 PM Calculation Date: 10/23/02 4:58 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 394 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000123

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1025.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : gccv-gw125

Injection Date: 10/23/02 4:34 PM Calculation Date: 10/23/02 4:58 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8174	9.170	0.018	7281493	GR	0.0	
	Totals:	4.8174		0.018	7281493			

Total Unidentified Counts : 1738370 counts

Detected Peaks: 63 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4149 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1025.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : gccv-gw125

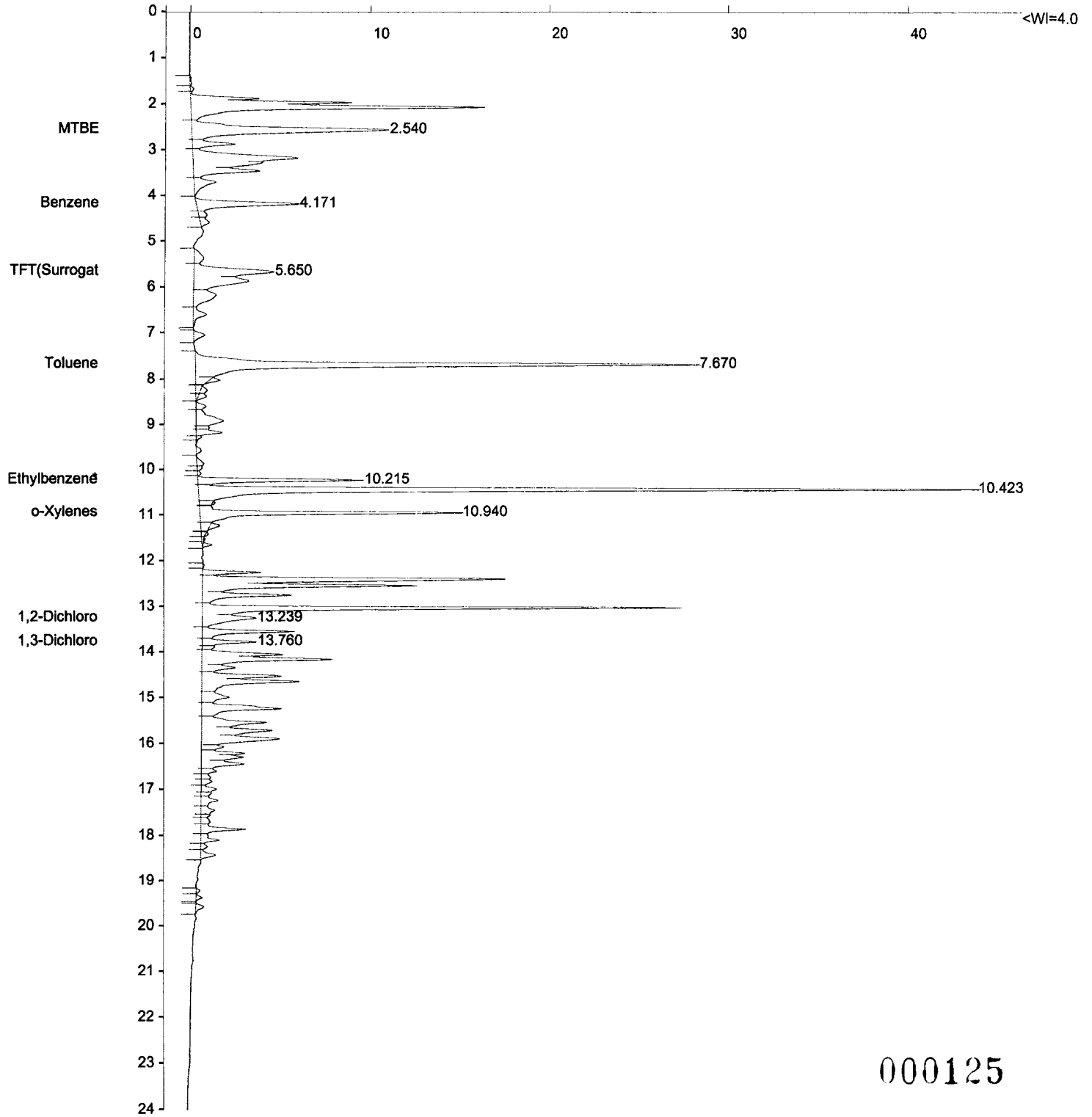
Injection Date: 10/23/02 4:34 PM Calculation Date: 10/23/02 4:58 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 20 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000125

Title :
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1025.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : gccv-gw125

Injection Date: 10/23/02 4:34 PM Calculation Date: 10/23/02 4:58 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.540	-0.028	9562	VV	7.3	
2	Benzene	0.0000	4.171	-0.056	3749	PV	6.1	
3	TFT(Surrogat	0.2366	5.650	-0.013	4166	VV	8.4	C
4	Toluene	0.0000	7.670	-0.071	20205	BP	5.2	
5	Ethylbenzene	0.0000	10.215	-0.056	4149	VV	4.1	
6	p,m-Xylenes	0.0000	10.423	-0.077	23016	VV	4.4	
7	o-Xylenes	0.0000	10.940	-0.064	8450	VB	4.0	
8	1,2-Dichloro	0.0088	13.239	-0.015	2588	VV	9.1	C
9	1,3-Dichloro	0.0000	13.760	0.062	1444	VV	4.0	
	Totals:	0.2454		-0.318	77329			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 99607 counts

Detected Peaks: 81 Rejected Peaks: 41 Identified Peaks: 9

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1026.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-814-100df

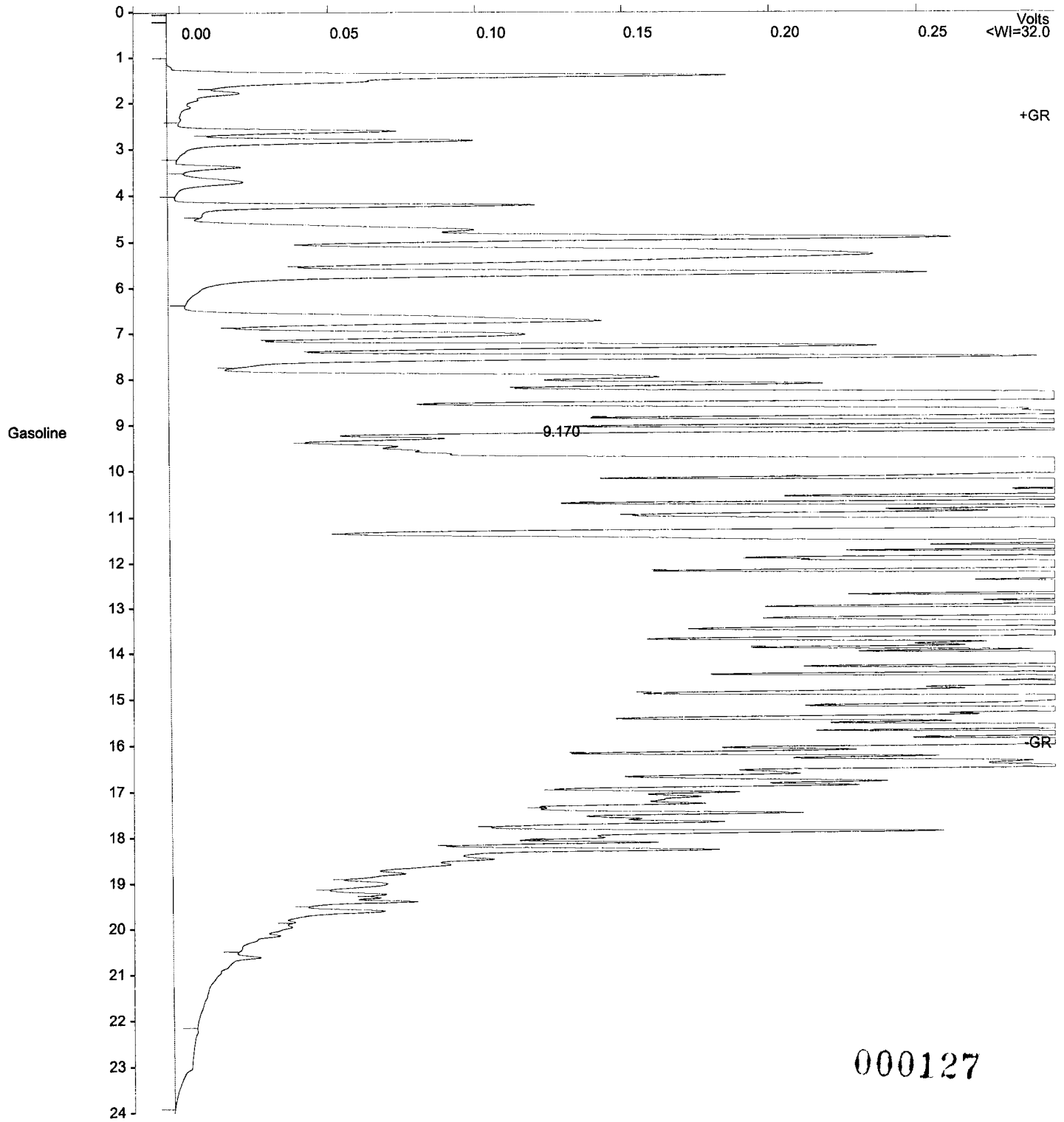
Injection Date: 10/23/02 5:13 PM Calculation Date: 10/23/02 5:37 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000127

Title : Gasoline by FID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1026.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-814-100df

Injection Date: 10/23/02 5:13 PM Calculation Date: 10/23/02 5:37 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	12.9554	9.170	0.018	19582230	GR	0.0	C
	Totals:	12.9554		0.018	19582230			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 3493228 counts

Detected Peaks: 59 Rejected Peaks: 2 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4349 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1026.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-814-100df

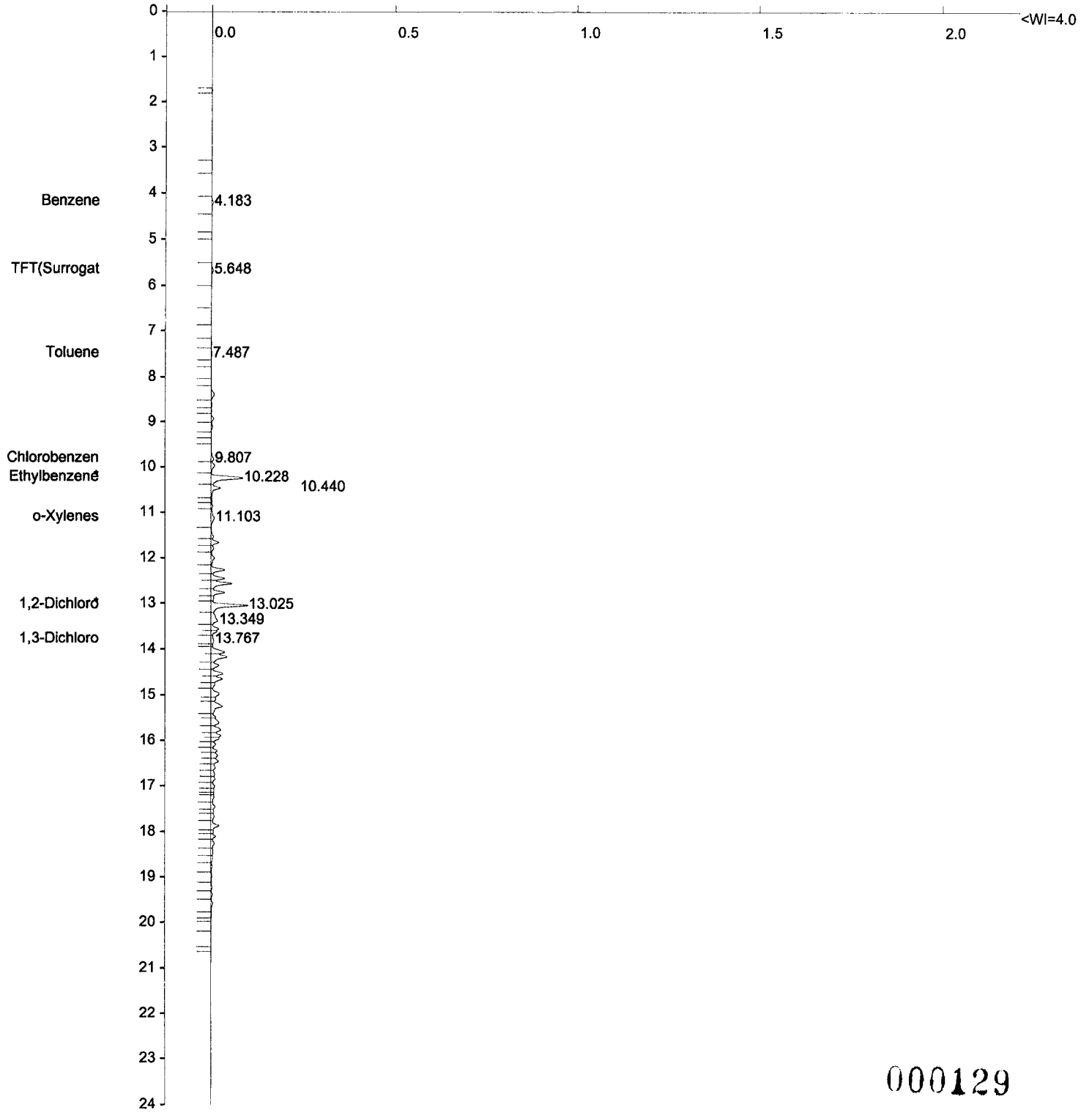
Injection Date: 10/23/02 5:13 PM Calculation Date: 10/23/02 5:37 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000129

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\oct02\g5-10-23-02-1026.run
Method File : C:\Star\module18\method\gbtx0821.mth
Sample ID : 101132-814-100df

Injection Date: 10/23/02 5:13 PM Calculation Date: 10/23/02 5:37 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.183	-0.044	1908	BB	4.7	
2	TFT(Surrogat	0.1917	5.648	-0.016	3376	BB	7.5	
3	Toluene	0.0000	7.487	-0.254	1082	VV	7.1	
4	Chlorobenzen	0.0000	9.807	0.001	5517	VV	6.3	
5	Ethylbenzene	0.0000	10.228	-0.043	46540	VV	4.7	
6	p,m-Xylenes	0.0000	10.440	-0.060	14891	VV	4.4	
7	o-Xylenes	0.0000	11.103	0.099	10284	VV	9.0	
8	1,2-Dichloro	0.1625	13.025	-0.229	48053	VV	3.8	C
9	1,4-Dichloro	0.0000	13.349	0.033	17687	VV	10.9	
10	1,3-Dichloro	0.0000	13.767	0.069	6162	VV	0.0	
	Totals:	0.3542		-0.444	155500			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 505823 counts

Detected Peaks: 83 Rejected Peaks: 15 Identified Peaks: 10

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

EPA 8015:

Carbon Chain I

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : dccv-gw136

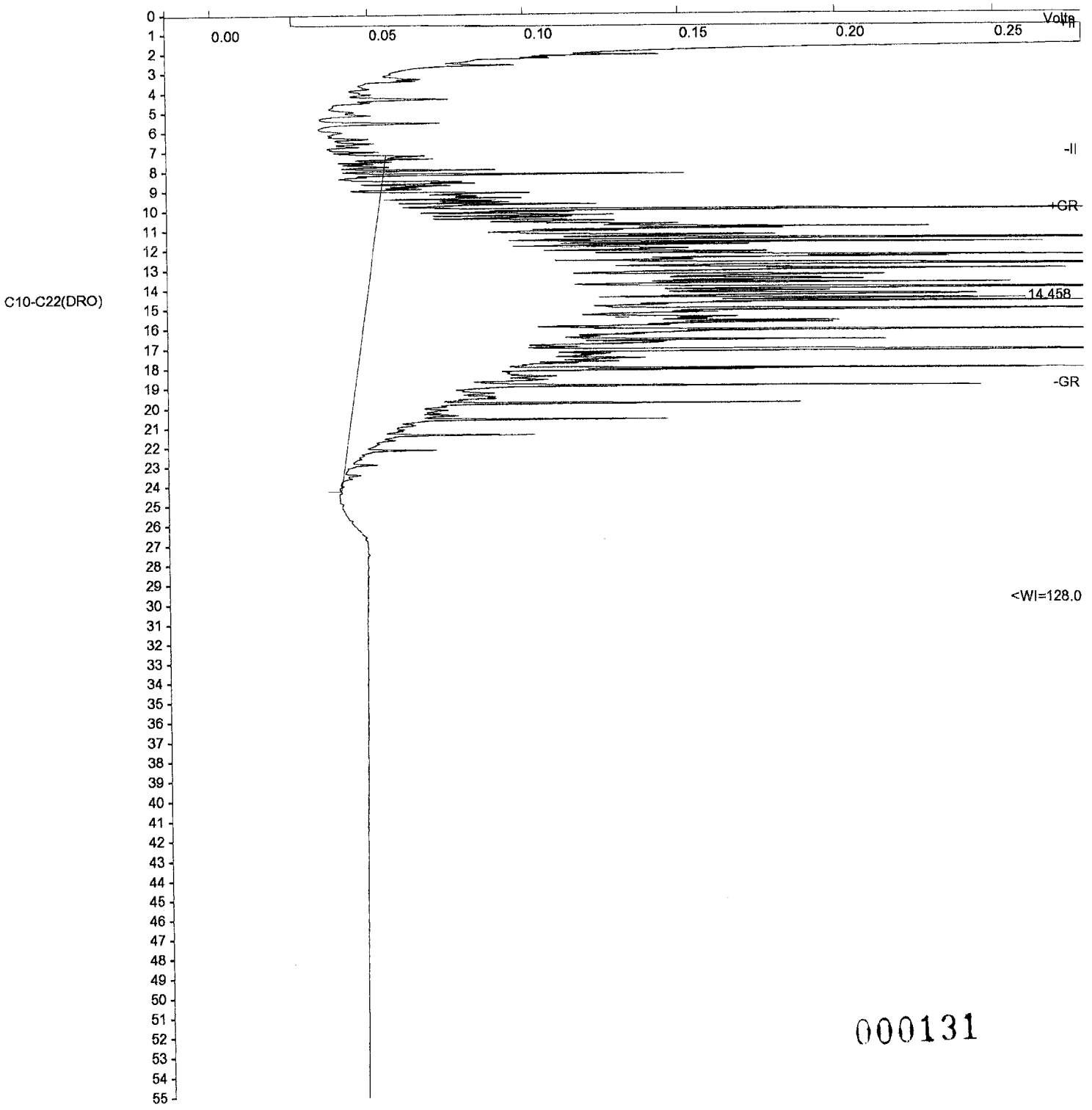
Injection Date: 10/22/02 11:06 AM Calculation Date: 10/22/02 12:01 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000131

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : dccv-gw136

Injection Date: 10/22/02 11:06 AM Calculation Date: 10/22/02 12:01 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	542.5140	8.5	14.458	0.000	64905120	2	
	Group 2		542.5140			0.000	64905120		
	Totals:		542.5140			0.000	64905120		

Total Unidentified Counts : 0 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25616 microVolts

Noise (used): 206 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

000132

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1011.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : goccv-gw137

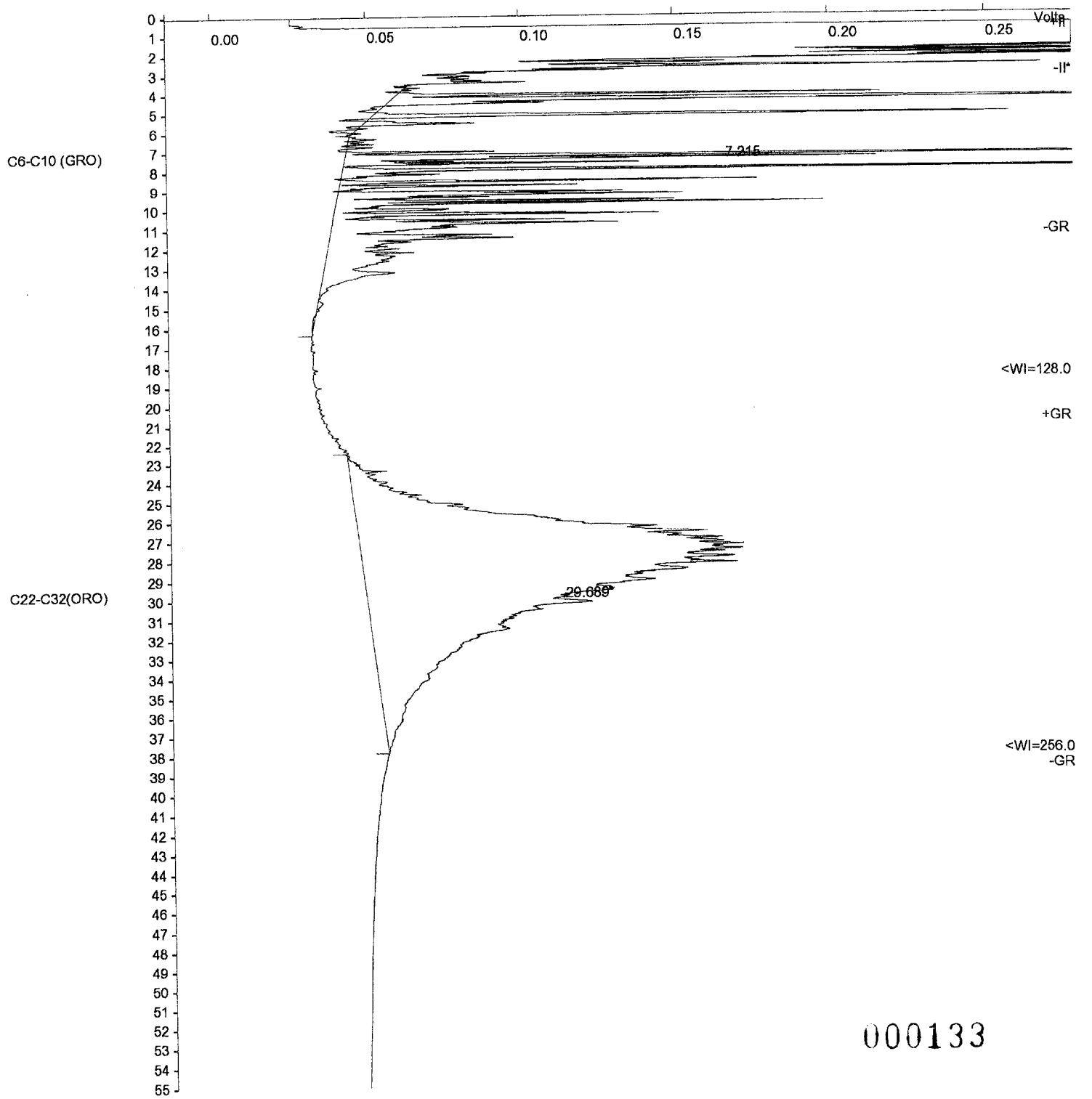
Injection Date: 10/22/02 12:15 PM Calculation Date: 10/22/02 1:23 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000133

Print Date: Tue Oct 22 13:23:58 2002

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1011.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : goccv-gw137

Injection Date: 10/22/02 12:15 PM Calculation Date: 10/22/02 1:23 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	534.3771	7.215	0.001	19783892	GR	0.0	1	
2	C22-C32(ORO)	558.4635	29.689	0.000	37056840	GR	0.0	3	
	Group 1	534.3771		0.001	19783892				
	Group 3	558.4635		0.000	37056840				
	Totals:	1092.8406		0.001	56840732				

Total Unidentified Counts : 0 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25728 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 115 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : mb1022-10-10

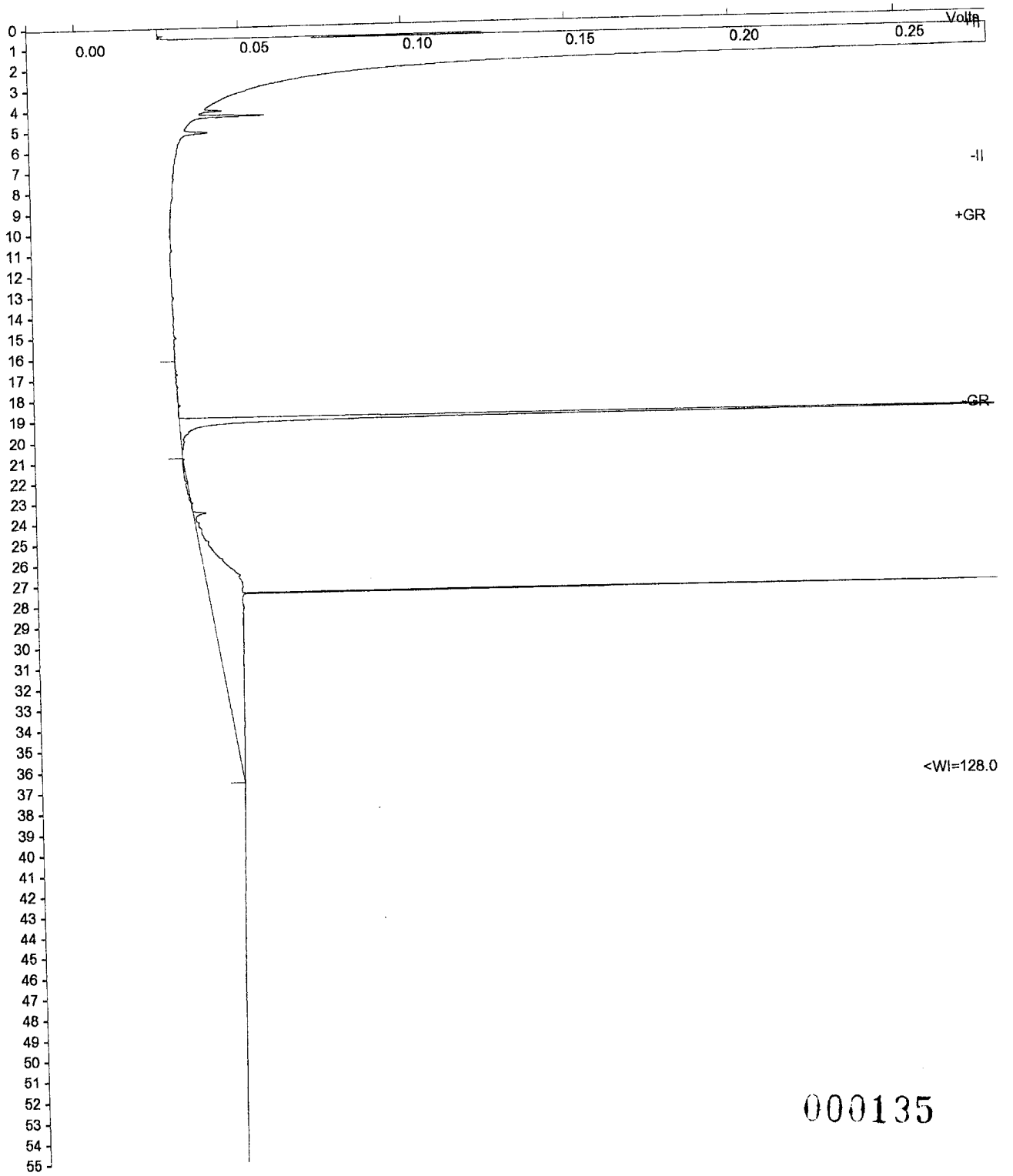
Injection Date: 10/22/02 1:23 PM Calculation Date: 10/22/02 2:18 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000135

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : mb1022-10-10

Injection Date: 10/22/02 1:23 PM Calculation Date: 10/22/02 2:18 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 7029303 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25444 microVolts

Noise (used): 195 microVolts - monitored before this run

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : mb1022-10-10

Injection Date: 10/22/02 1:23 PM Calculation Date: 10/23/02 8:19 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	16.9591	18.895	0.005	2577716	BB	3.4	0	
	Group 0	16.9591		0.005	2577716				
	Totals:	16.9591		0.005	2577716				

Total Unidentified Counts : 53870820 counts

Detected Peaks: 6 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25444 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 195 microVolts

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1013.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : lcs1022-10-10

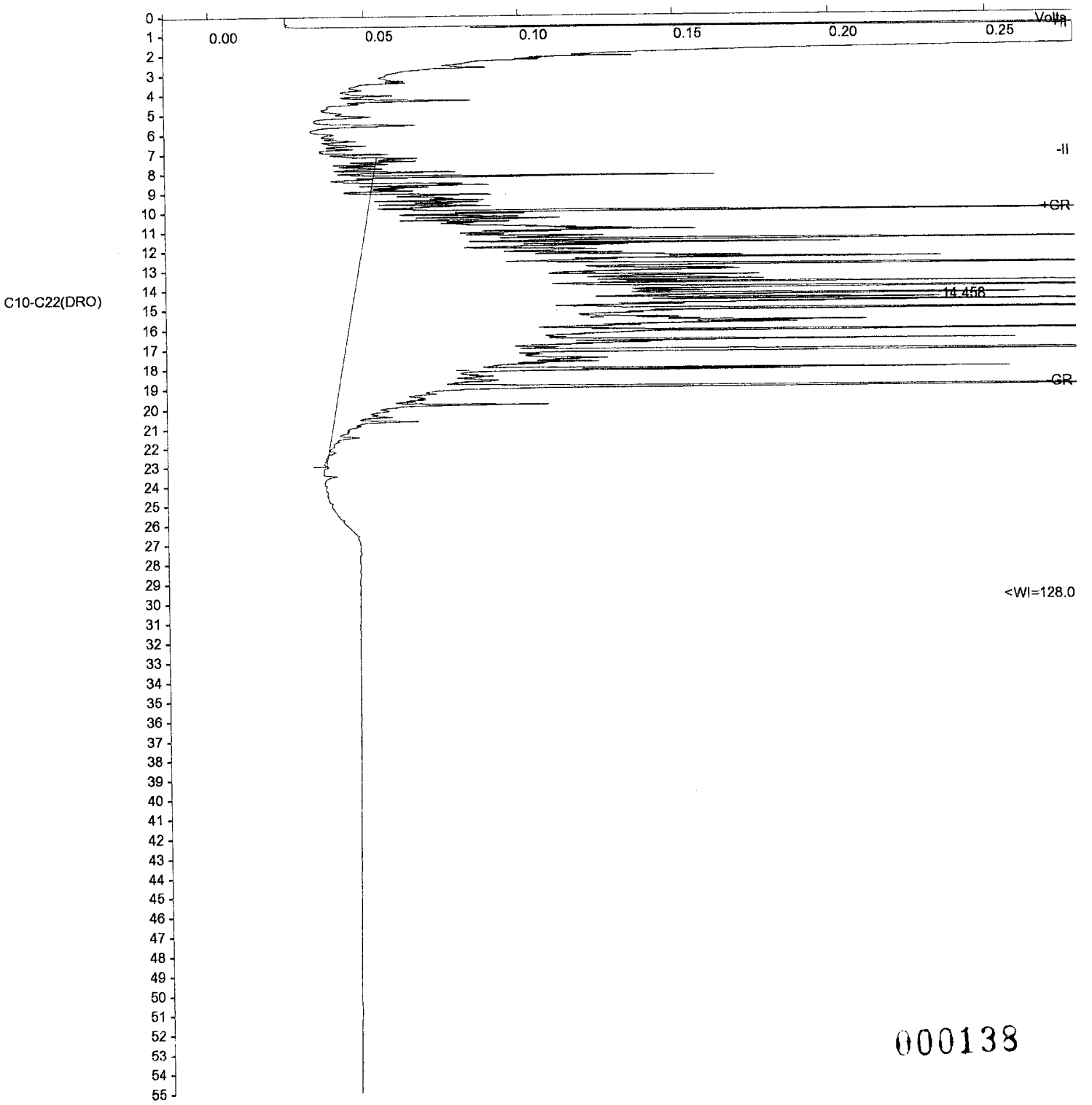
Injection Date: 10/22/02 2:31 PM Calculation Date: 10/22/02 3:26 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000138

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1013.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : lcs1022-10-10

Injection Date: 10/22/02 2:31 PM Calculation Date: 10/22/02 3:26 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	486.6023	14.458	0.000	58215980	GR	0.0	2	
	Group 2	486.6023		0.000	58215980				
	Totals:	486.6023		0.000	58215980				

Total Unidentified Counts : 0 counts

Detected Peaks: 9 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 24696 microVolts

Noise (used): 153 microVolts - monitored before this run

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcs1022-10-10

Injection Date: 10/22/02 2:31 PM Calculation Date: 10/23/02 8:19 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	21.1048	18.881	-0.009	3173358	VB	2.9	0	
	Group 0	21.1048		-0.009	3173358				
	Totals:	21.1048		-0.009	3173358				

Total Unidentified Counts : 80396608 counts

Detected Peaks: 89 Rejected Peaks: 2 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 24696 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 153 microVolts

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : lcsd1022-10-10

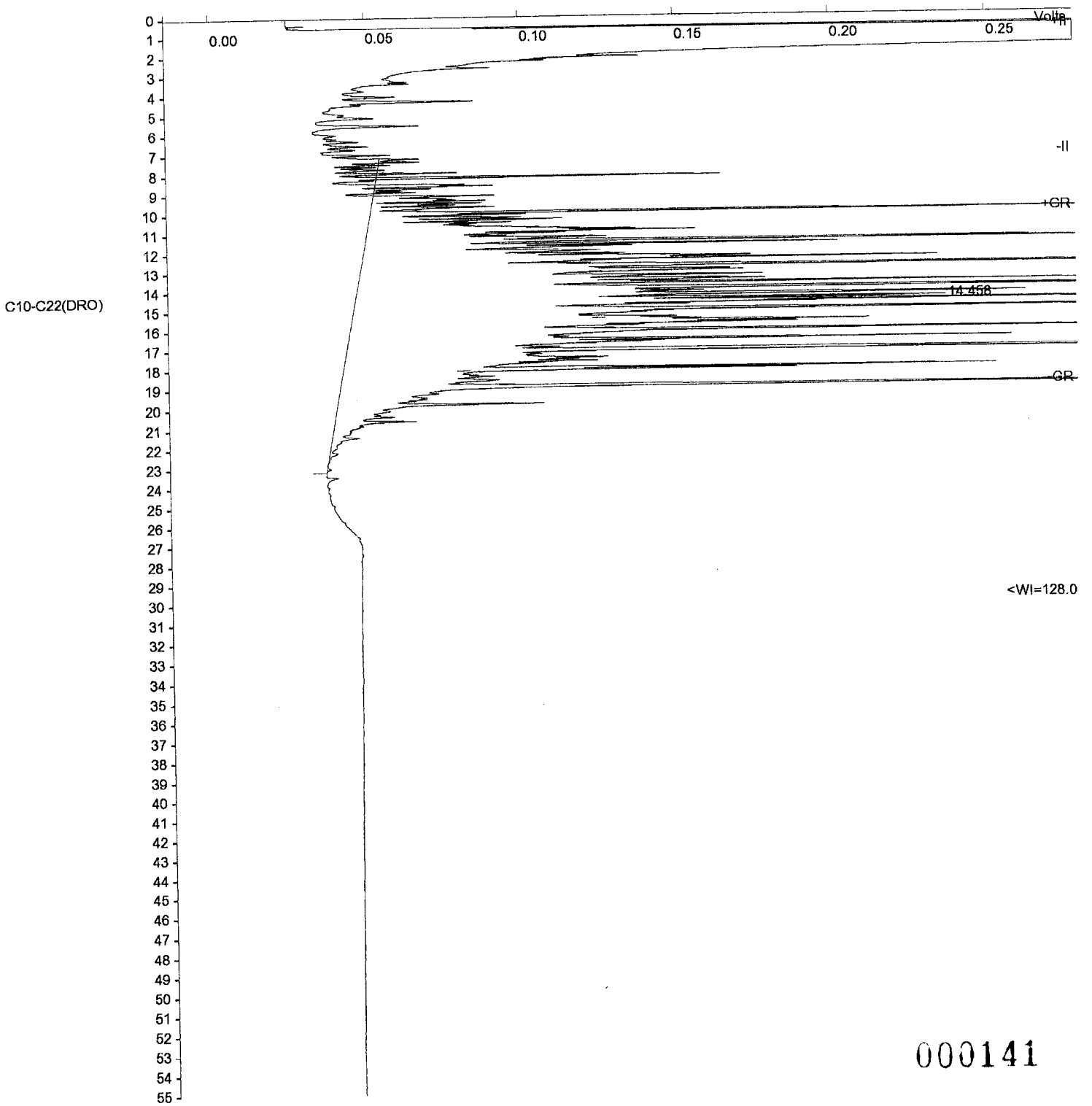
Injection Date: 10/22/02 3:38 PM Calculation Date: 10/22/02 4:33 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : lcsd1022-10-10

Injection Date: 10/22/02 3:38 PM Calculation Date: 10/22/02 4:33 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	486.6438	14.458	0.000	58220948	GR	0.0	2	
	Group 2	486.6438		0.000	58220948				
	Totals:	486.6438		0.000	58220948				

Total Unidentified Counts : 0 counts

Detected Peaks: 9 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25072 microVolts

Noise (used): 126 microVolts - monitored before this run

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcsd1022-10-10

Injection Date: 10/22/02 3:38 PM Calculation Date: 10/23/02 8:19 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	20.7654	18.875	-0.015	3124598	VB	2.9	0	
	Group 0	20.7654		-0.015	3124598				
	Totals:	20.7654		-0.015	3124598				

Total Unidentified Counts : 80345912 counts

Detected Peaks: 89 Rejected Peaks: 2 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25072 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 126 microVolts

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

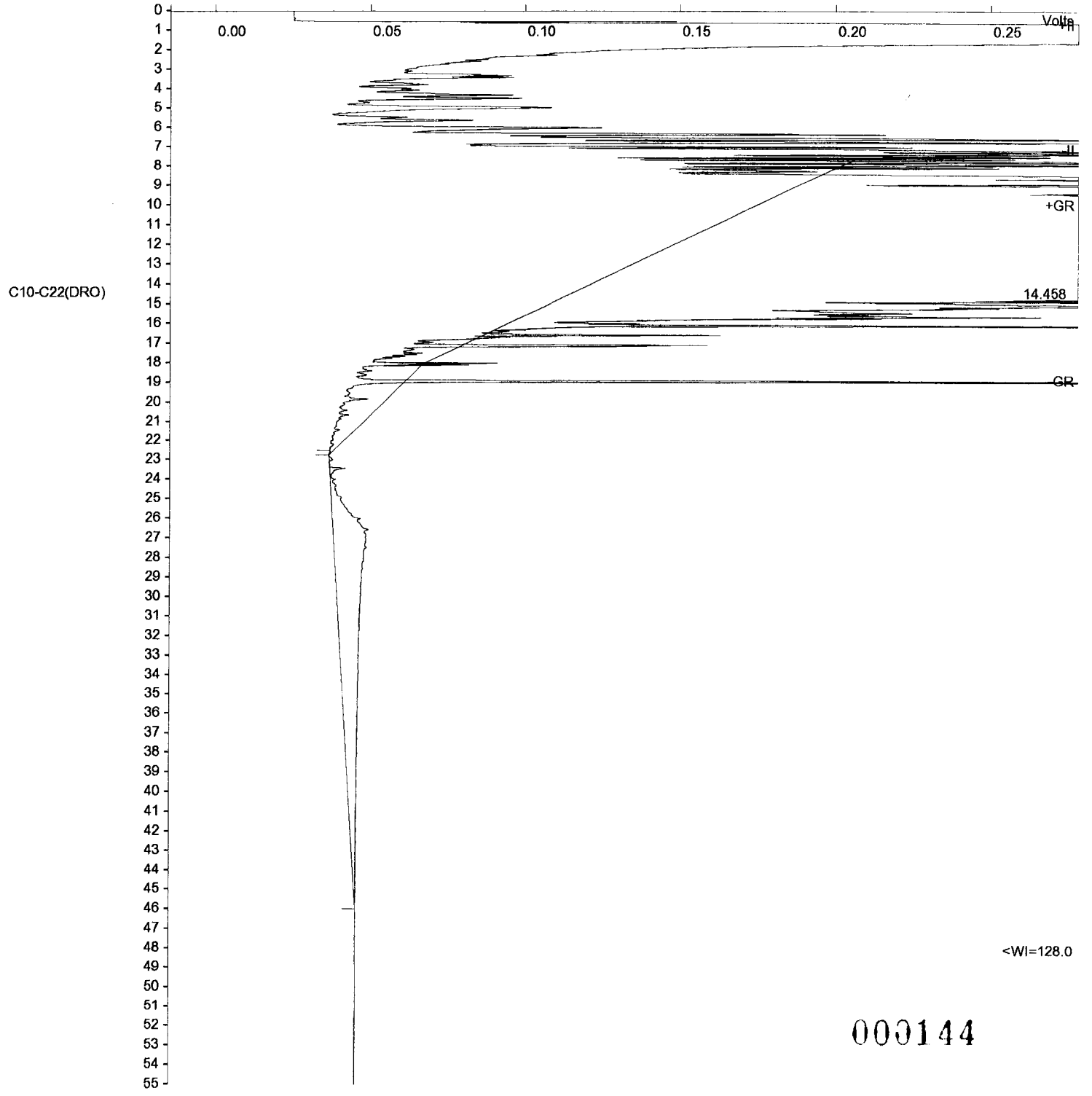
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-809-10-10

Injection Date: 10/22/02 4:45 PM Calculation Date: 10/22/02 5:40 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000144

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-809-10-10

Injection Date: 10/22/02 4:45 PM Calculation Date: 10/22/02 5:40 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	1692.4659	14.458	0.000	202482720	GR	0.0	2	C
	Group 2	1692.4659		0.000	202482720				
	Totals:	1692.4659		0.000	202482720				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 5991002 counts

Detected Peaks: 5 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25144 microVolts

Noise (used): 111 microVolts - monitored before this run

Rack: 1 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-809-10-10

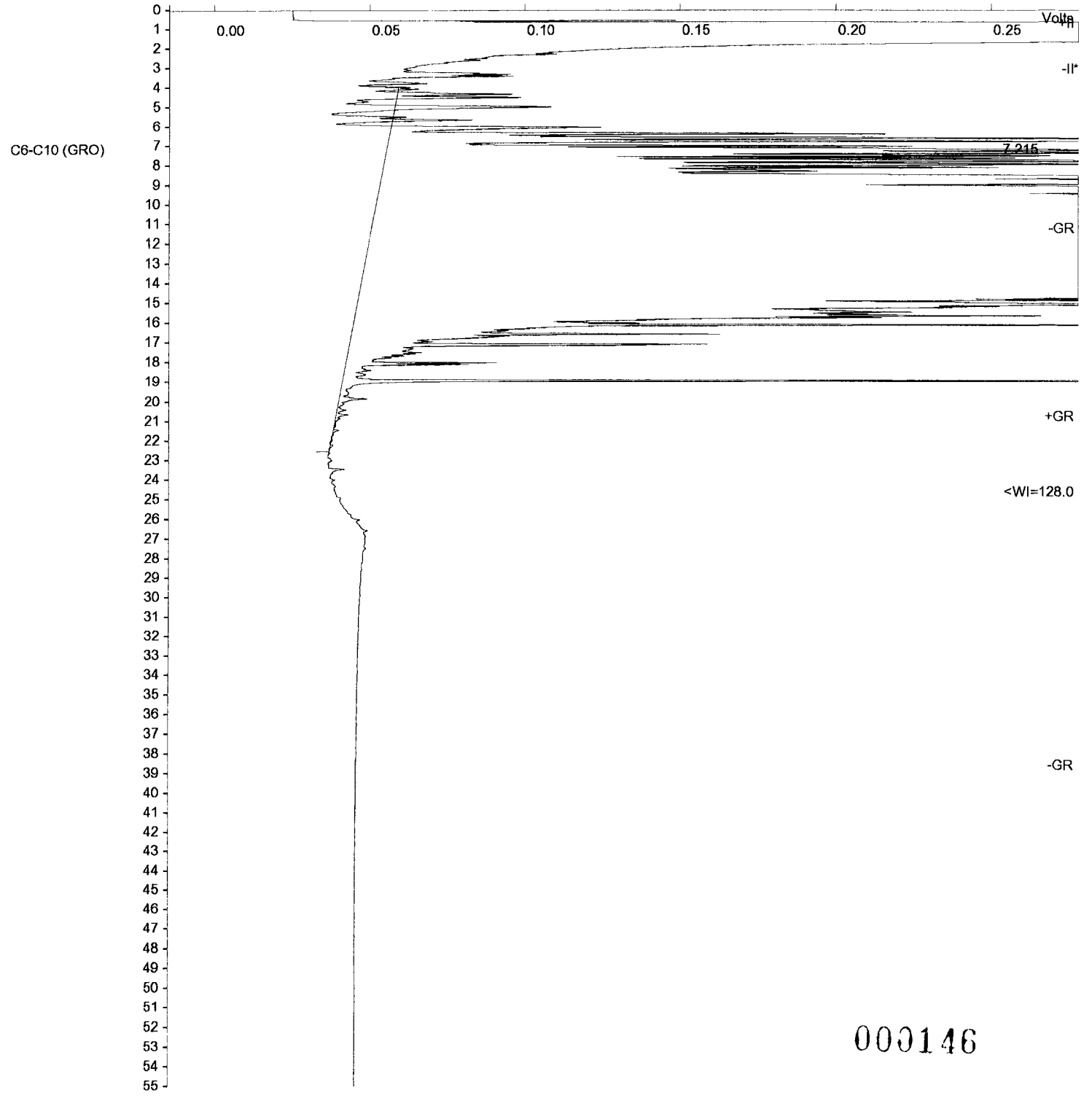
Injection Date: 10/22/02 4:45 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000146

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-809-10-10

Injection Date: 10/22/02 4:45 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	326.3980	7.215	0.001	12084018	GR	0.0	1	
	Group 1	326.3980		0.001	12084018				
	Totals:	326.3980		0.001	12084018				

Total Unidentified Counts : 260951968 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25144 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 111 microVolts

Rack: 1 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

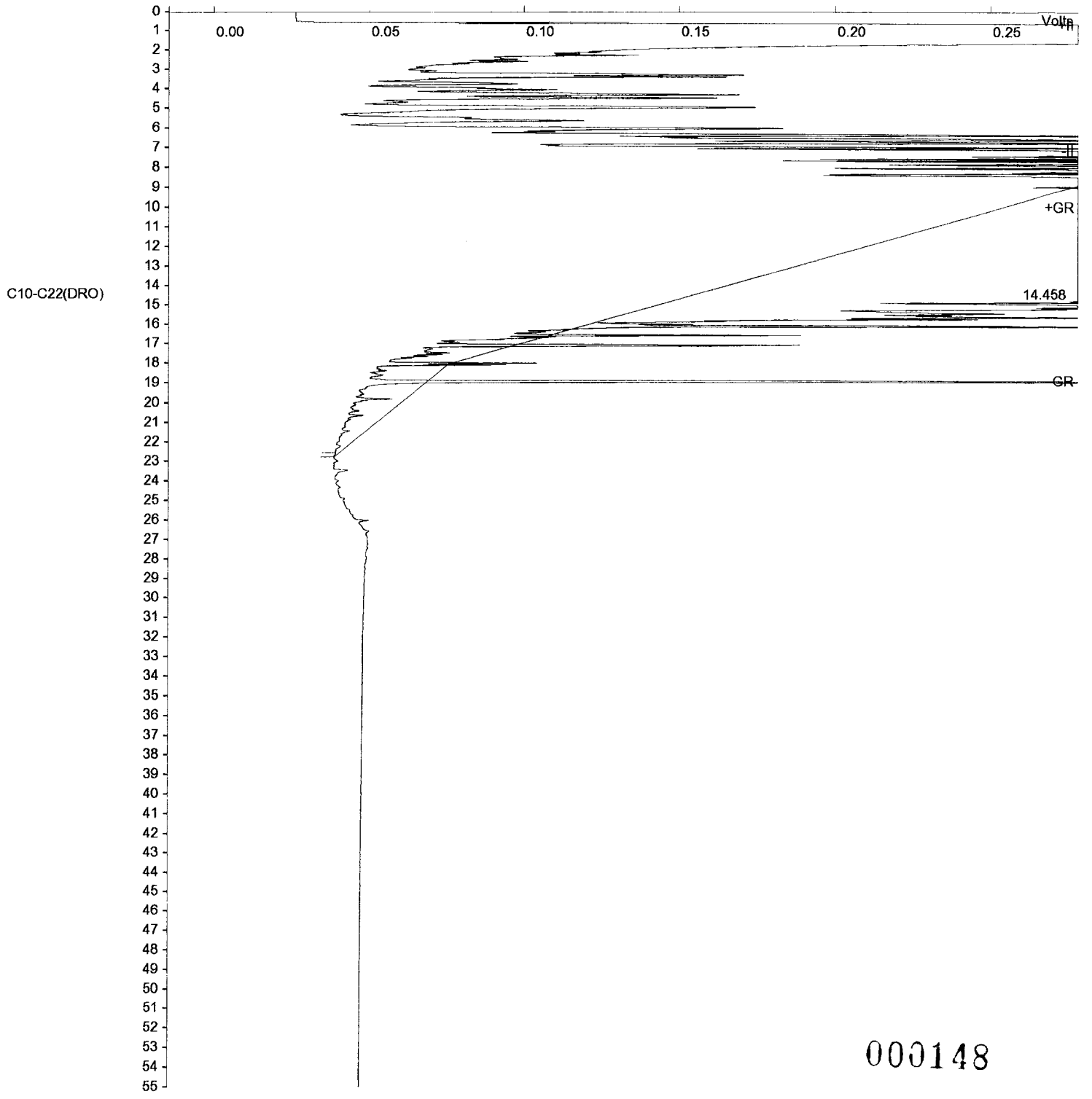
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-810-10-10

Injection Date: 10/22/02 5:52 PM Calculation Date: 10/22/02 6:47 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000148

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-810-10-10

Injection Date: 10/22/02 5:52 PM Calculation Date: 10/22/02 6:47 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	1799.8290	14.458	0.000	215327392	GR	0.0	2	C
	Group 2	1799.8290		0.000	215327392				
	Totals:	1799.8290		0.000	215327392				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 26184 microVolts

Noise (used): 171 microVolts - monitored before this run

Rack: 1 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

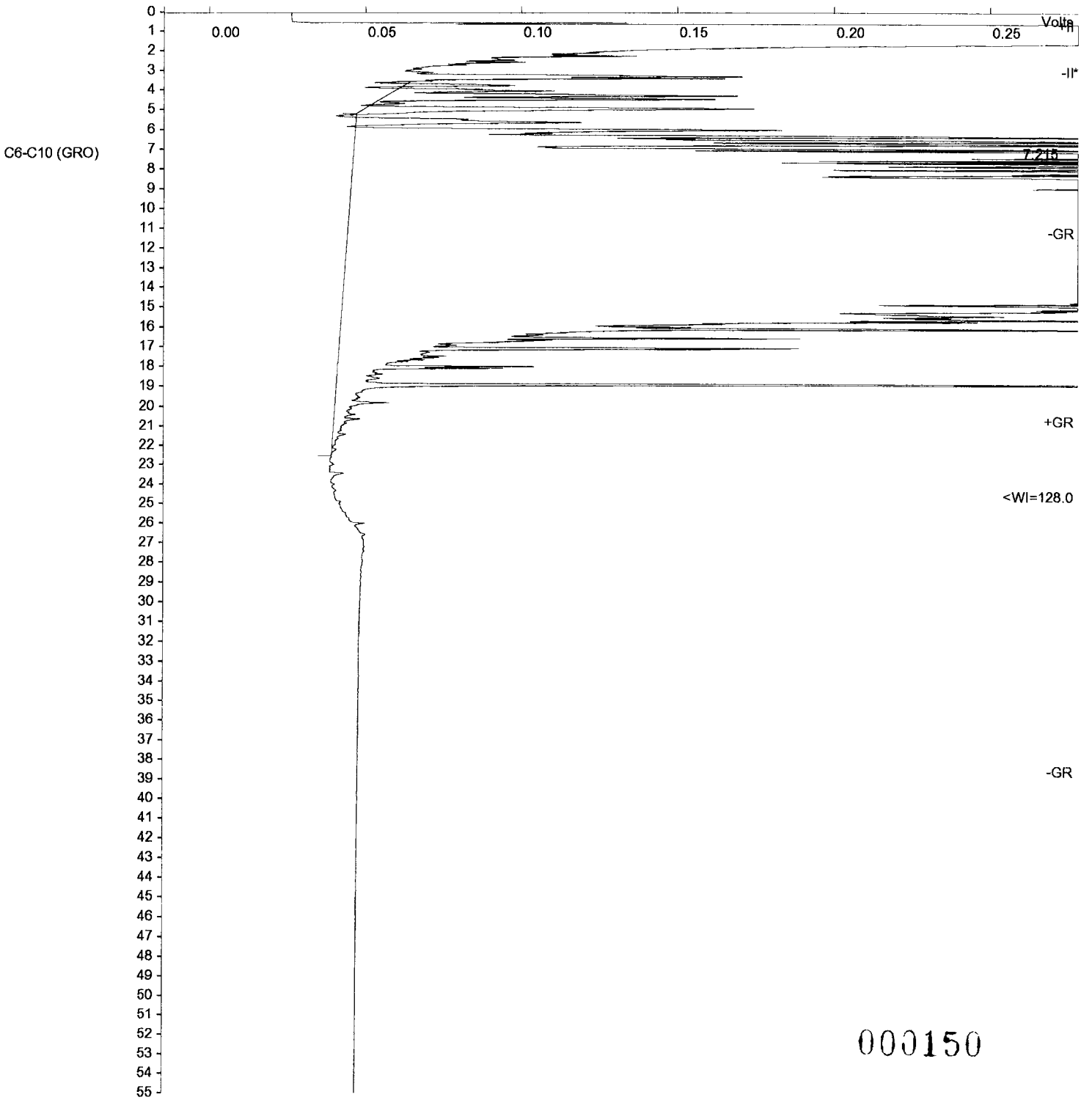
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-810-10-10

Injection Date: 10/22/02 5:52 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000150

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-810-10-10

Injection Date: 10/22/02 5:52 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	709.9119	7.215	0.001	26282604	GR	0.0	1	
	Group 1	709.9119		0.001	26282604				
	Totals:	709.9119		0.001	26282604				

Total Unidentified Counts : 311852928 counts

Detected Peaks: 6 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 26184 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 171 microVolts

Rack: 1 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

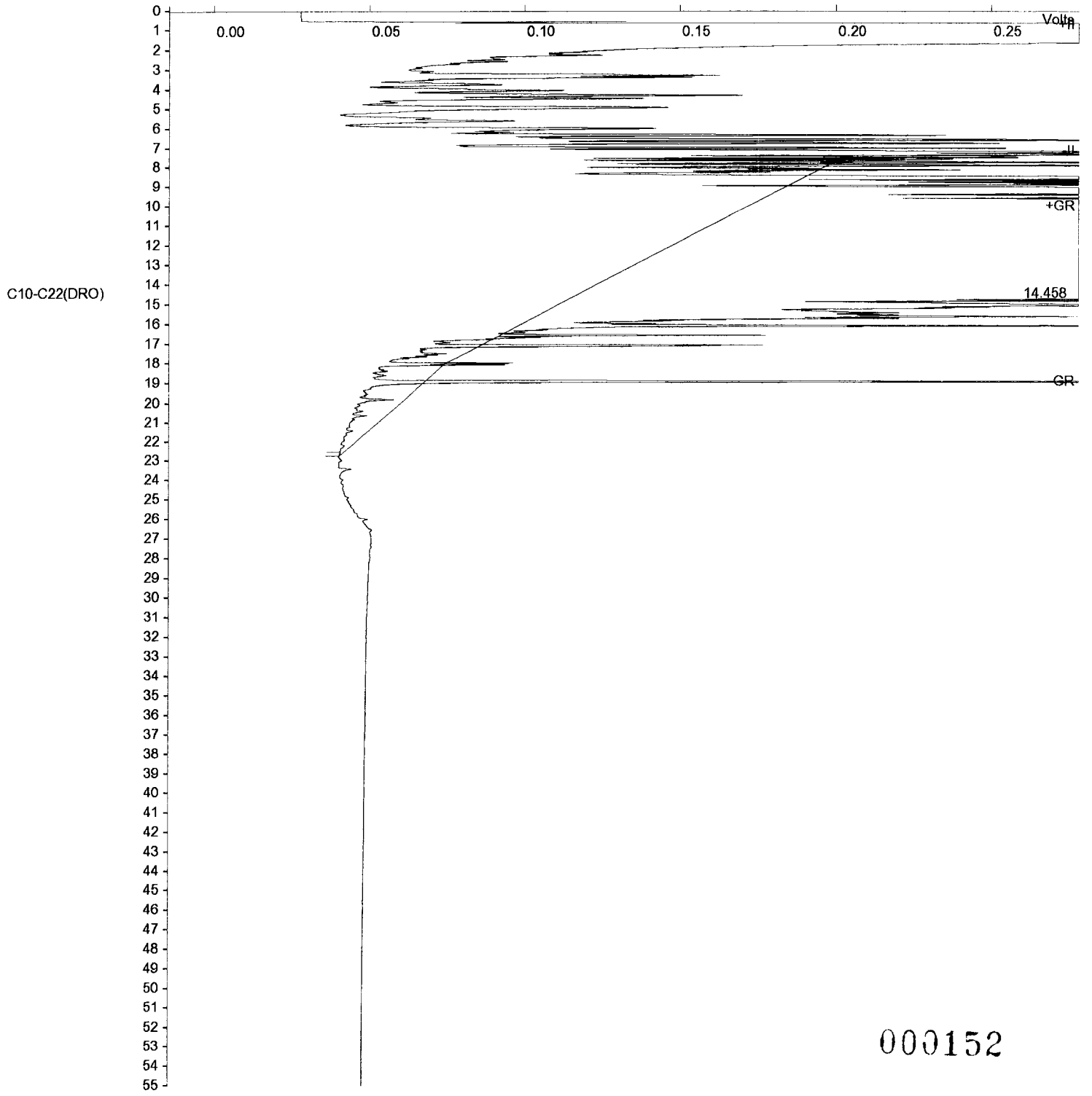
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1017.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-811-10-10

Injection Date: 10/22/02 6:59 PM Calculation Date: 10/22/02 7:54 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000152

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1017.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-811-10-10

Injection Date: 10/22/02 6:59 PM Calculation Date: 10/22/02 7:54 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	1517.0111	14.458	0.000	181491712	GR	0.0	2	C
	Group 2	1517.0111		0.000	181491712				
	Totals:	1517.0111		0.000	181491712				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 27728 microVolts

Noise (used): 180 microVolts - monitored before this run

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-811-10-10

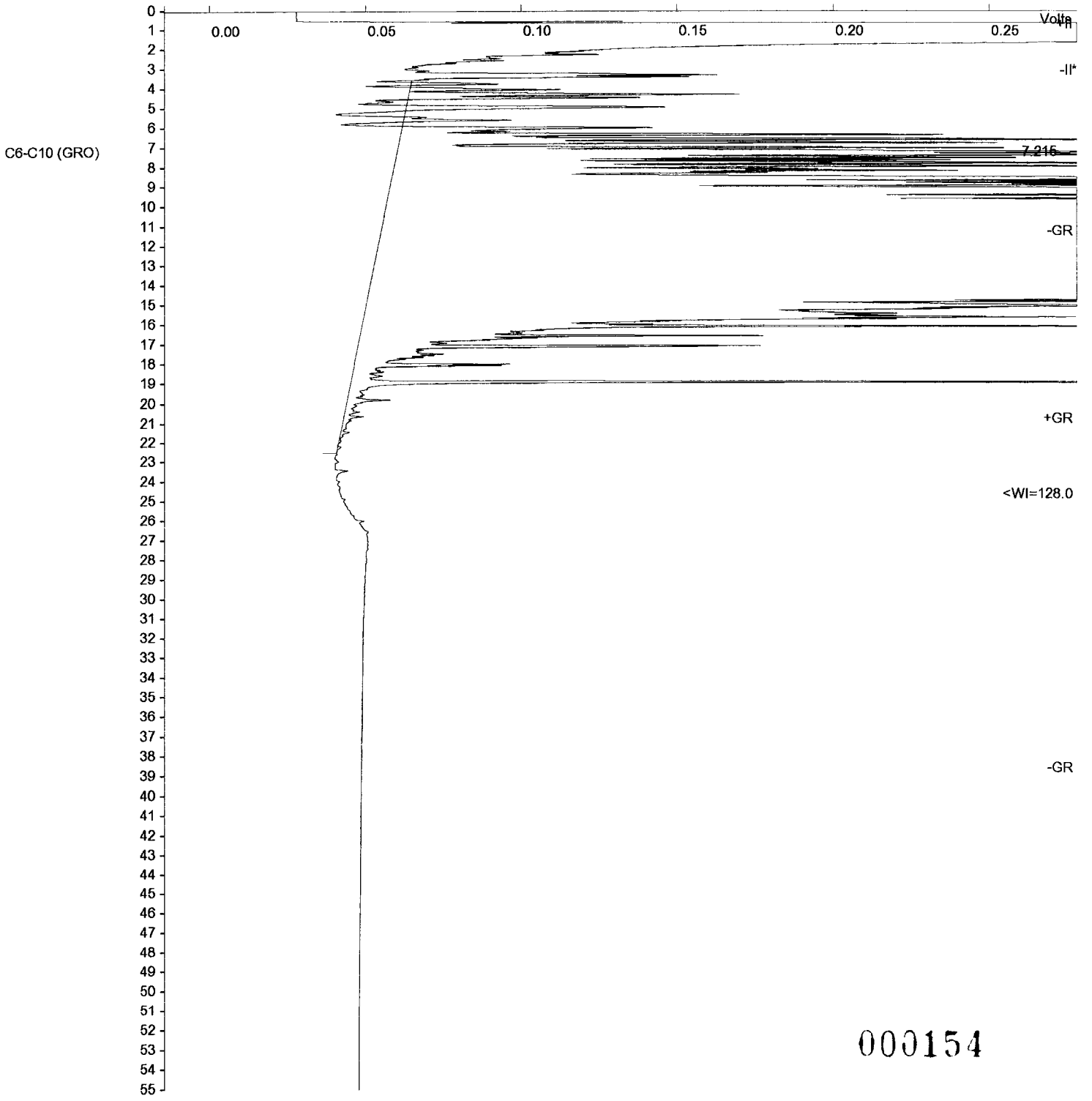
Injection Date: 10/22/02 6:59 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000154

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-811-10-10

Injection Date: 10/22/02 6:59 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	390.7729	7.215	0.001	14467328	GR	0.0	1	
	Group 1	390.7729		0.001	14467328				
	Totals:	390.7729		0.001	14467328				

Total Unidentified Counts : 237359296 counts

Detected Peaks: 6 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 27728 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 180 microVolts

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

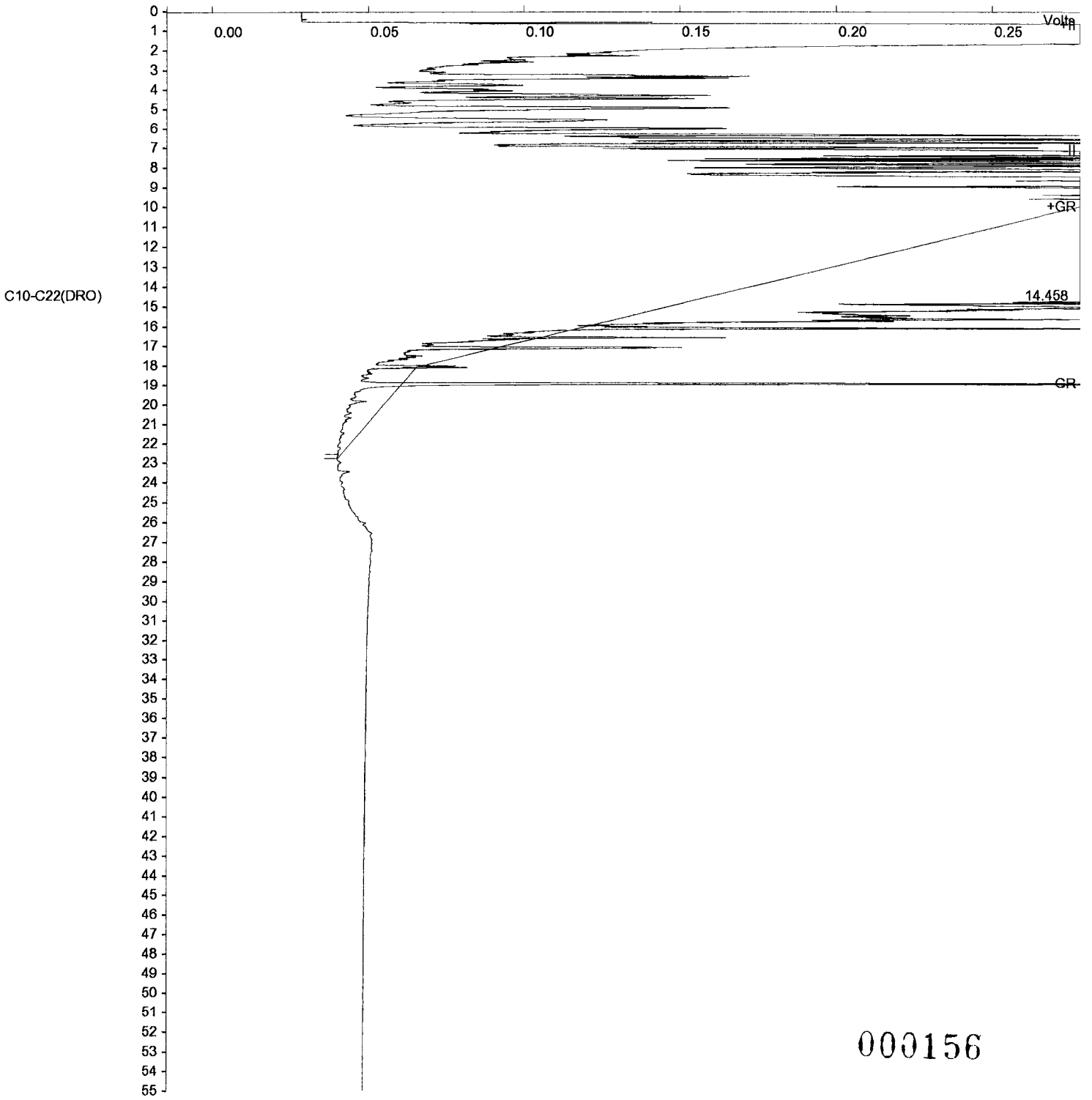
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1018.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-812-10-10

Injection Date: 10/22/02 8:06 PM Calculation Date: 10/22/02 9:01 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000156

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1018.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-812-10-10

Injection Date: 10/22/02 8:06 PM Calculation Date: 10/22/02 9:01 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	1317.2631	14.458	0.000	157594320	GR	0.0	2	C
	Group 2	1317.2631		0.000	157594320				
	Totals:	1317.2631		0.000	157594320				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 4243201 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 28444 microVolts

Noise (used): 143 microVolts - monitored before this run

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1018.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-812-10-10

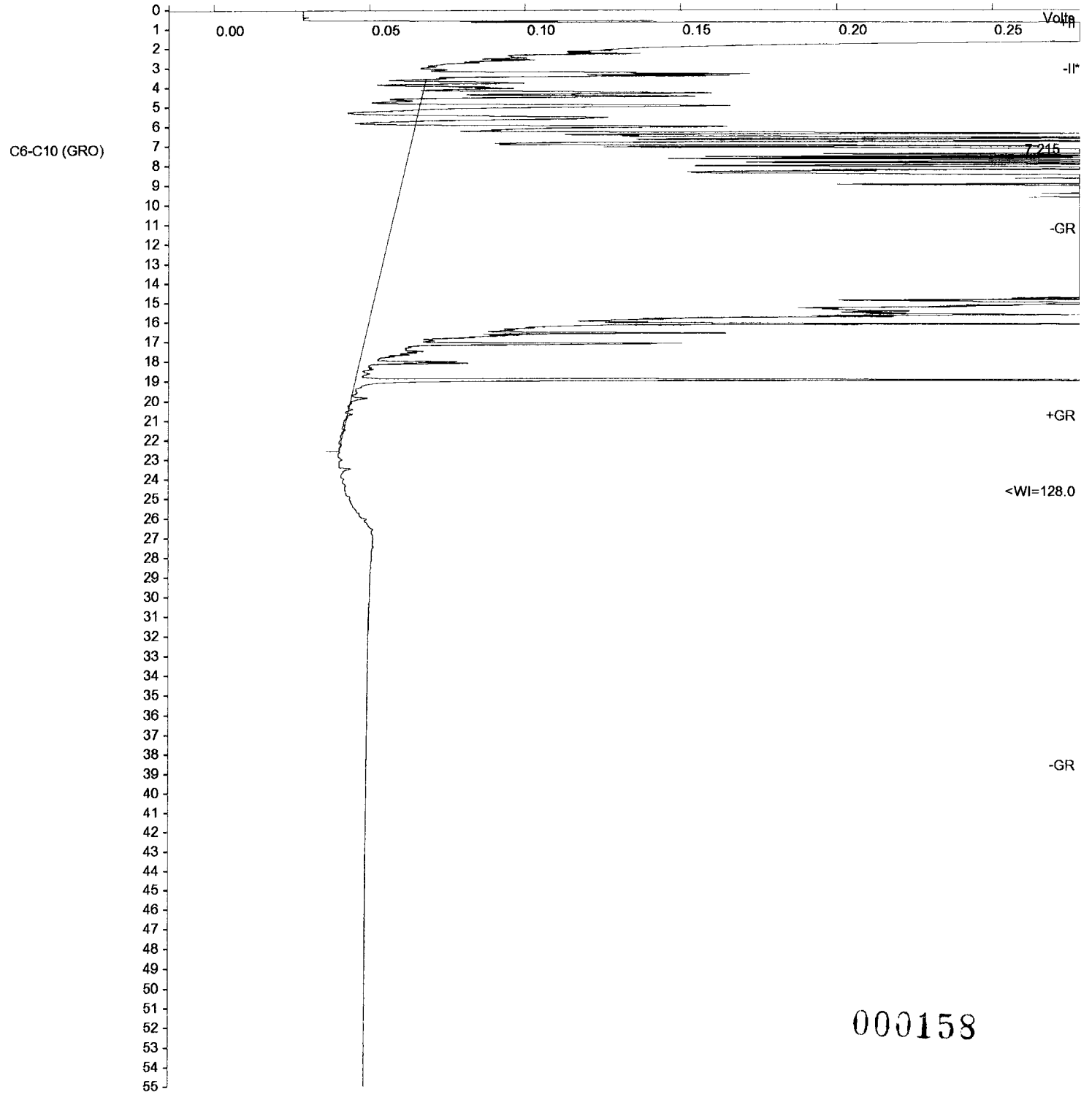
Injection Date: 10/22/02 8:06 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000158

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1018.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-812-10-10

Injection Date: 10/22/02 8:06 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	1253.4698	7.215	0.001	46406392	GR	0.0	1	C
	Group 1	1253.4698		0.001	46406392				
	Totals:	1253.4698		0.001	46406392				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 229777360 counts

Detected Peaks: 6 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 28444 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 143 microVolts

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

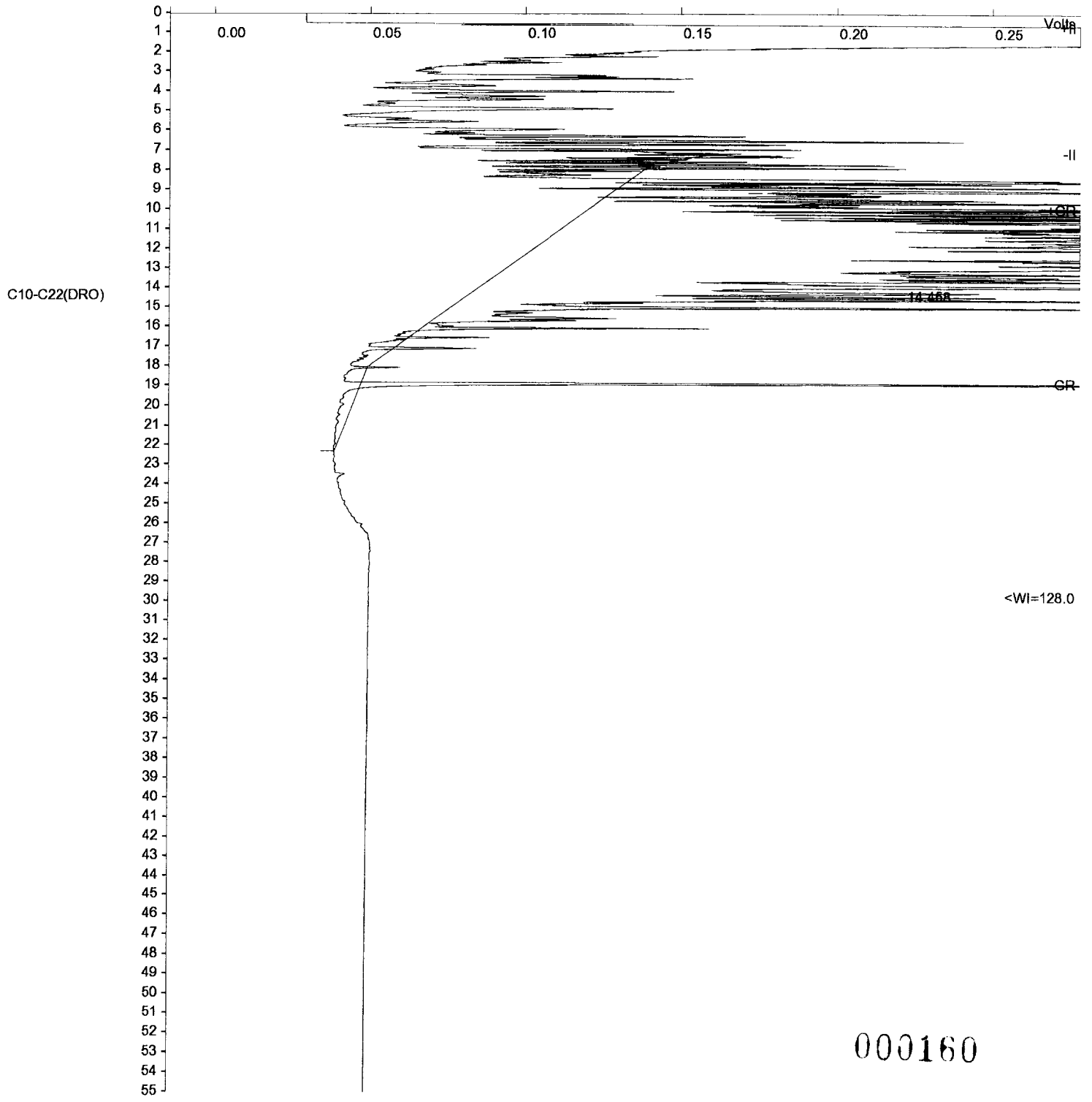
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1019.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-813-10-10

Injection Date: 10/22/02 9:12 PM Calculation Date: 10/22/02 10:07 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000160

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1019.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-813-10-10

Injection Date: 10/22/02 9:12 PM Calculation Date: 10/22/02 10:07 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	542.7172	14.458	0.000	64929432	GR	0.0	2	
	Group 2	542.7172		0.000	64929432				
	Totals:	542.7172		0.000	64929432				

Total Unidentified Counts : 3259403 counts

Detected Peaks: 4 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29112 microVolts

Noise (used): 187 microVolts - monitored before this run

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

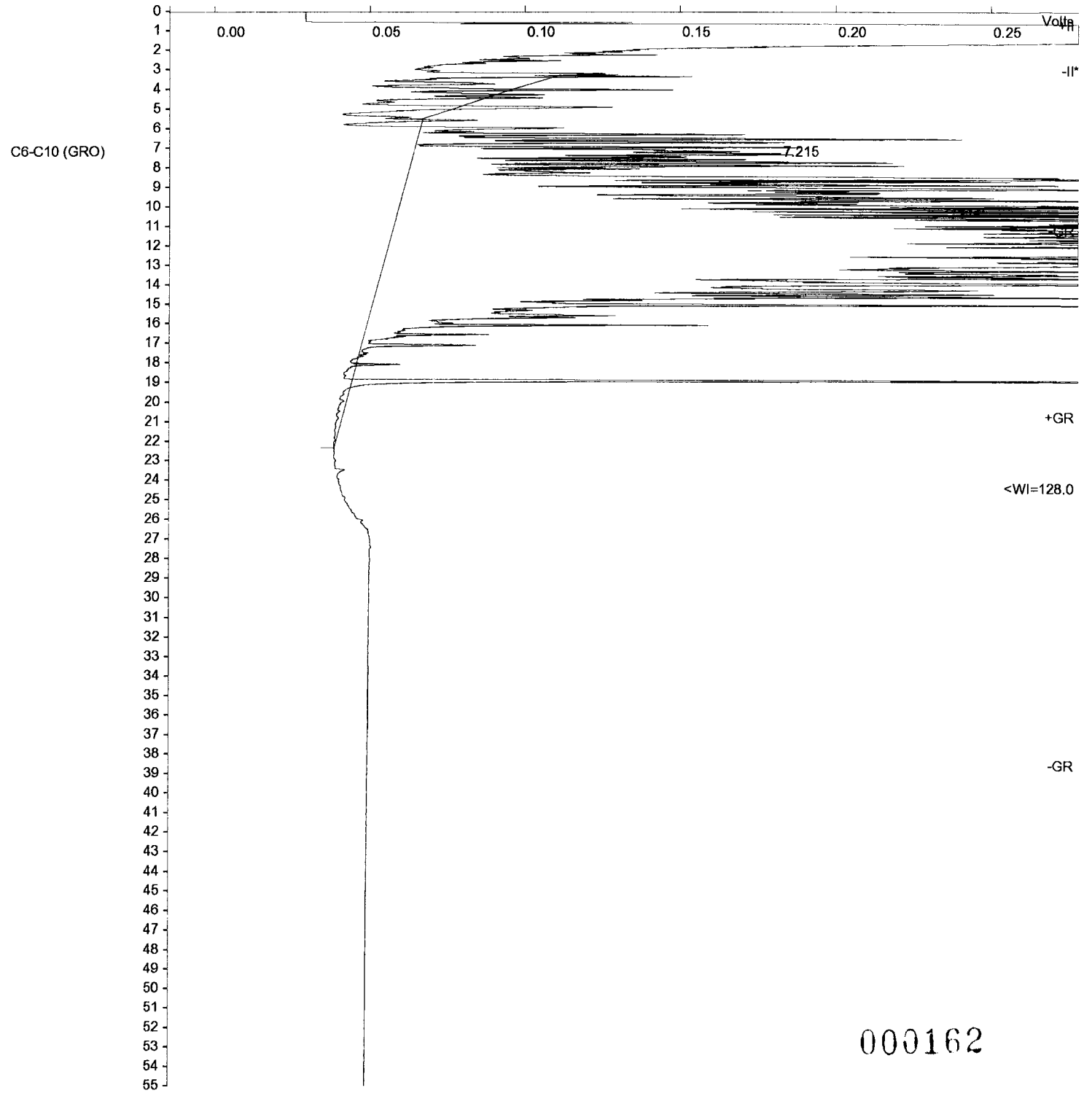
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1019.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-813-10-10

Injection Date: 10/22/02 9:12 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000162

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1019.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-813-10-10

Injection Date: 10/22/02 9:12 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	373.6748	7.215	0.001	13834318	GR	0.0	1	
	Group 1	373.6748		0.001	13834318				
	Totals:	373.6748		0.001	13834318				

Total Unidentified Counts : 84144856 counts

Detected Peaks: 6 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29112 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 187 microVolts

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1020.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-814-10-10

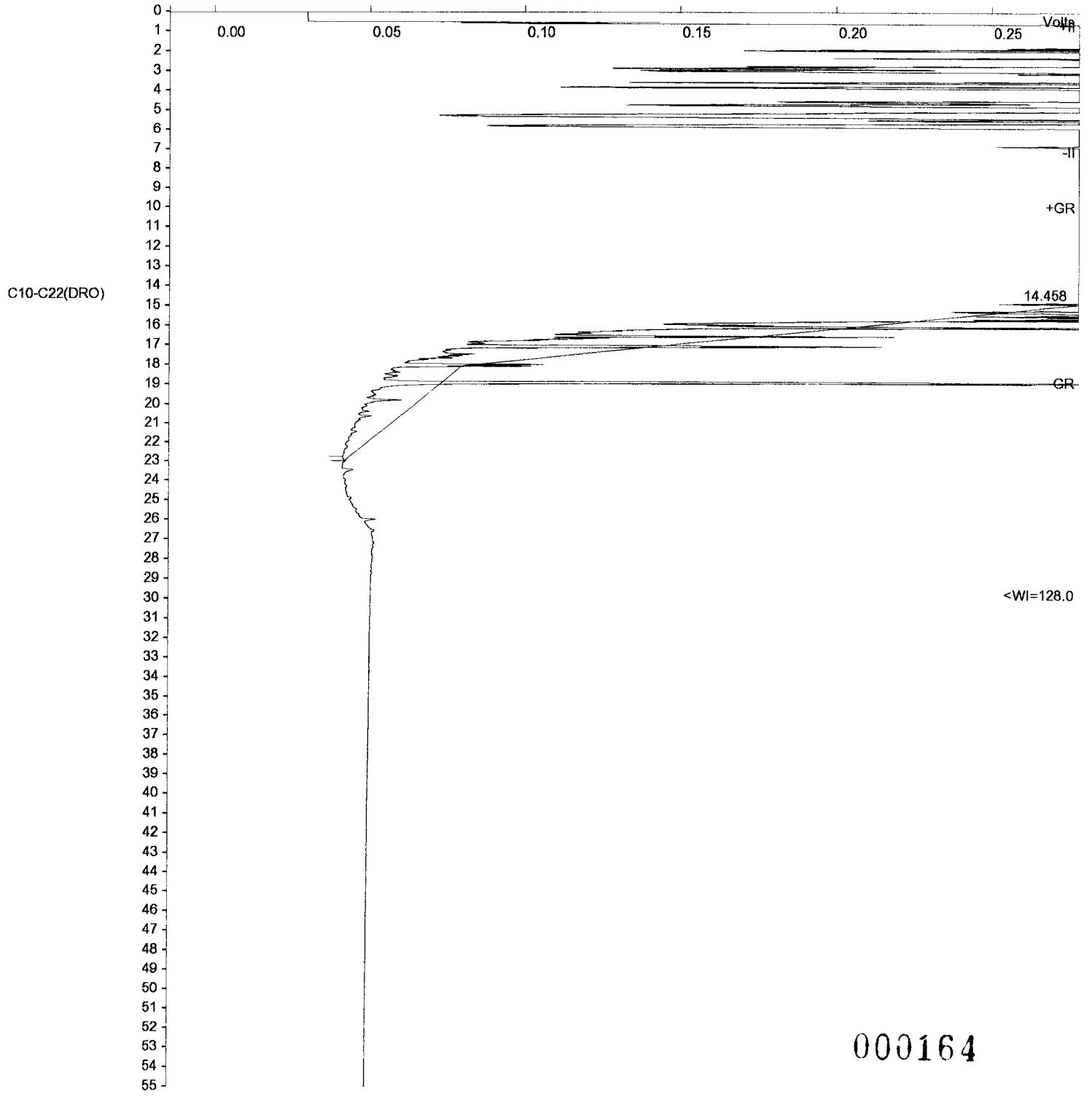
Injection Date: 10/22/02 10:19 PM Calculation Date: 10/22/02 11:14 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000164

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1020.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel0906.mth
Sample ID : 101132-814-10-10

Injection Date: 10/22/02 10:19 PM Calculation Date: 10/23/02 2:54 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	1436.3573	14.717	0.001	173214912	GR	0.0	2	C
	Group 2	1436.3573		0.001	173214912				
	Totals:	1436.3573		0.001	173214912				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 81074744 counts

Detected Peaks: 98 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29612 microVolts

Noise (used): 148 microVolts - monitored before this run

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1020.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-814-10-10

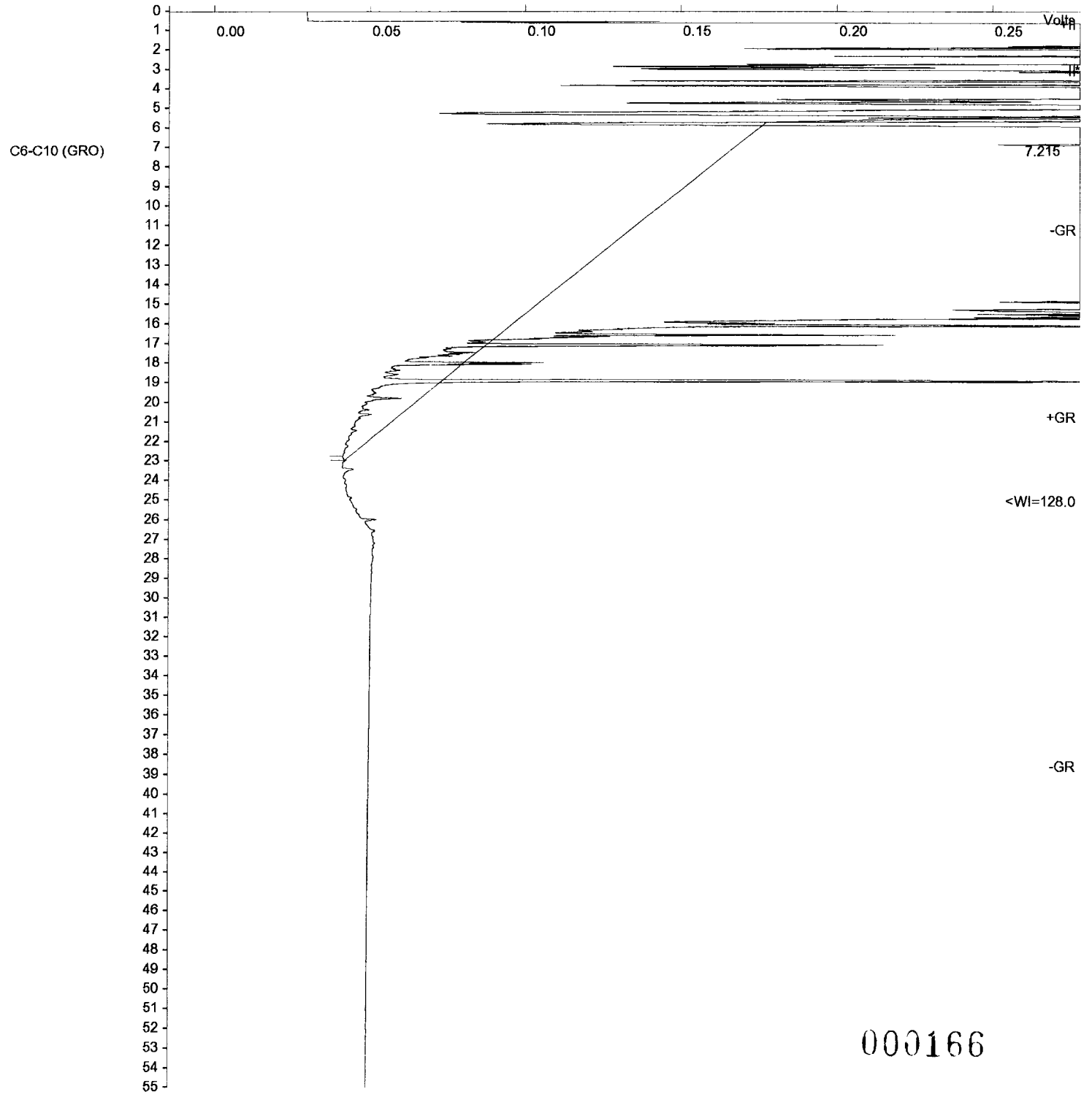
Injection Date: 10/22/02 10:19 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000166

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1020.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-814-10-10

Injection Date: 10/22/02 10:19 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v
Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	2284.9246	7.215	0.001	84593264	GR	0.0	1	C
	Group 1	2284.9246		0.001	84593264				
	Totals:	2284.9246		0.001	84593264				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 254093920 counts

Detected Peaks: 7 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29612 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 148 microVolts

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1021.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-815-10-10

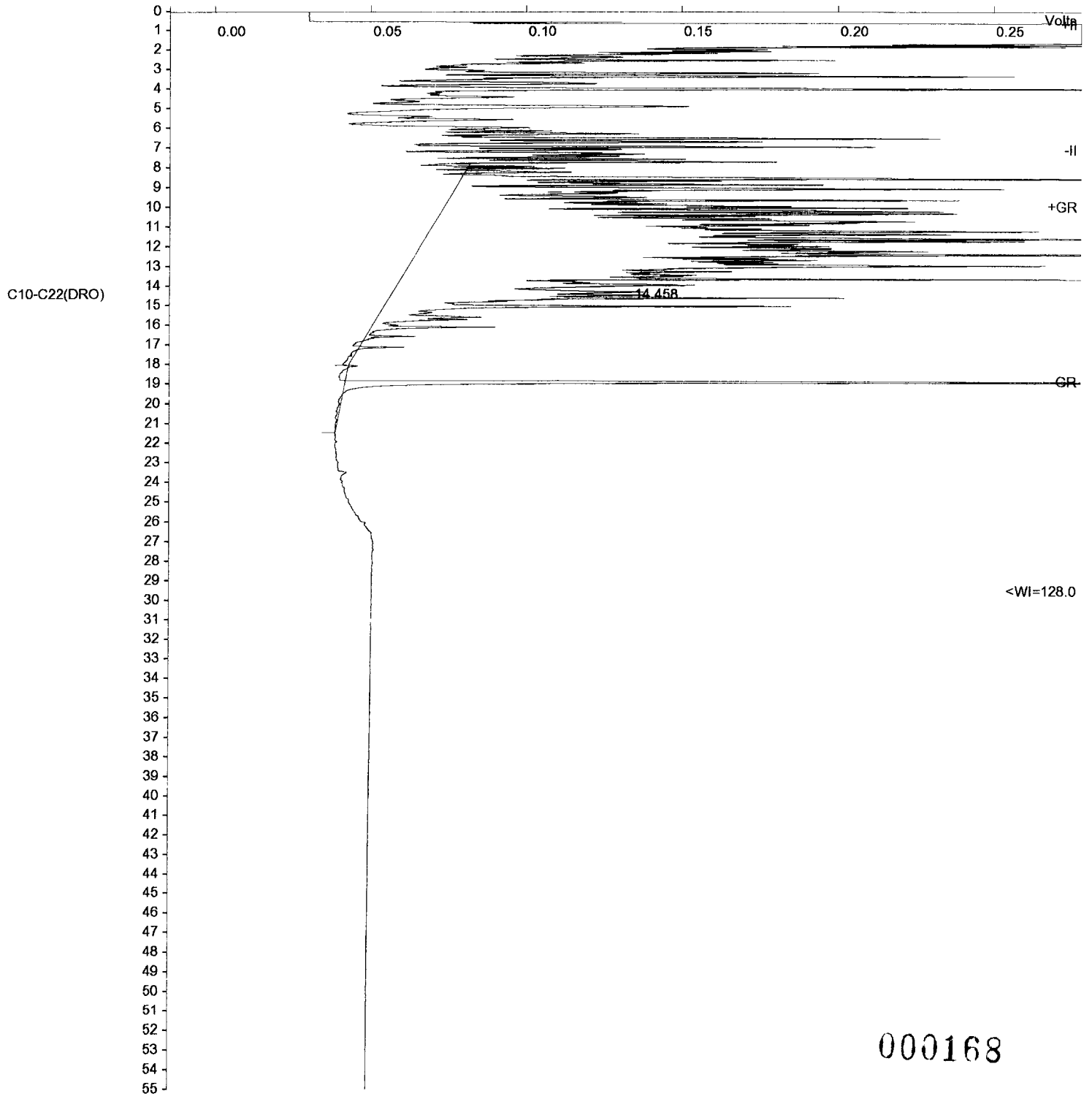
Injection Date: 10/22/02 11:25 PM Calculation Date: 10/23/02 12:20 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000168

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1021.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906p.mth
Sample ID : 101132-815-10-10

Injection Date: 10/22/02 11:25 PM Calculation Date: 10/23/02 12:20 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v
Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	309.5368	14.458	0.000	37032268	GR	0.0	2	
	Group 2	309.5368		0.000	37032268				
	Totals:	309.5368		0.000	37032268				

Total Unidentified Counts : 3848908 counts

Detected Peaks: 3 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29944 microVolts

Noise (used): 152 microVolts - monitored before this run

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1021.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-815-10-10

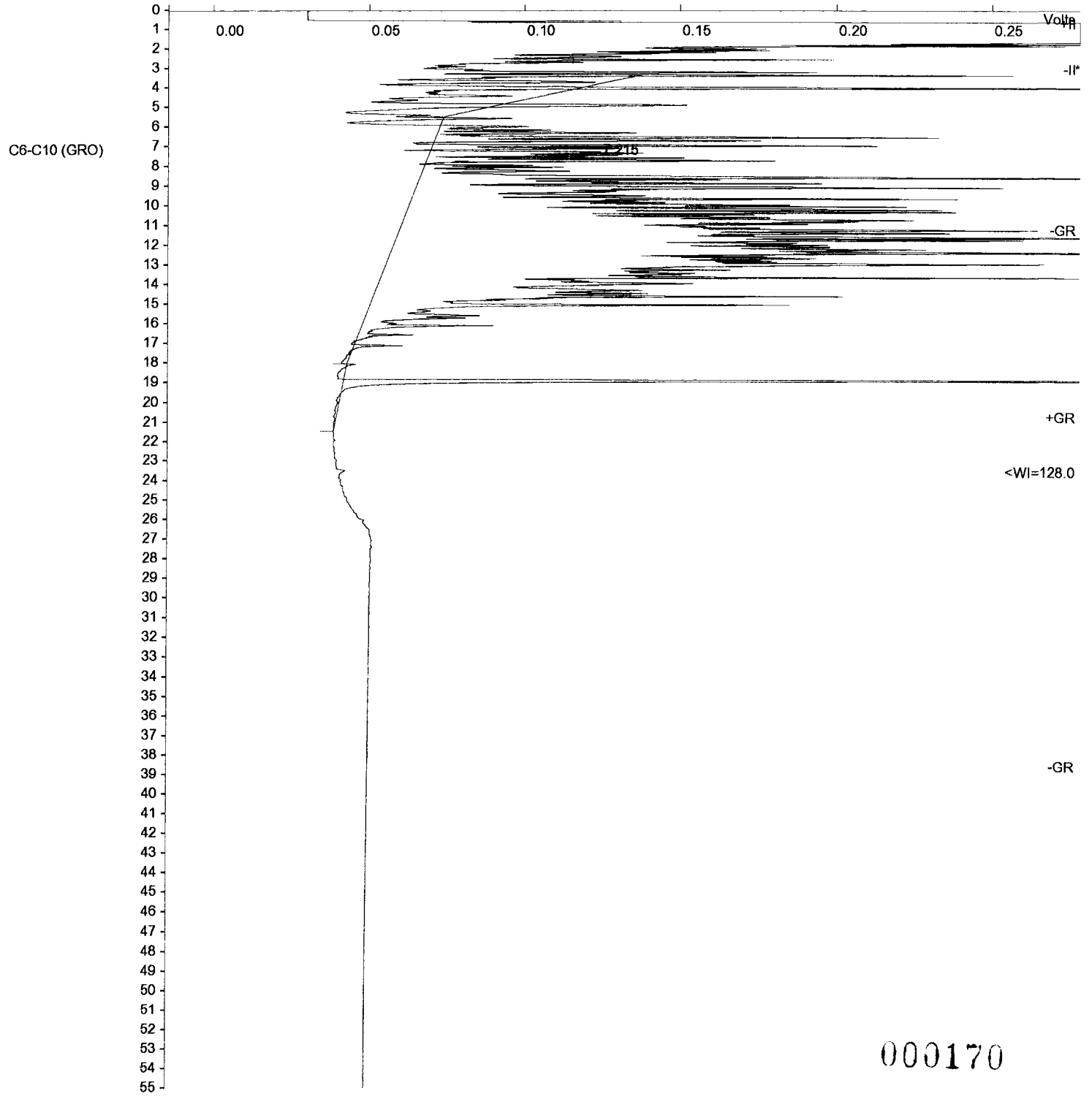
Injection Date: 10/22/02 11:25 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000170

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-22-02-1021.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-815-10-10

Injection Date: 10/22/02 11:25 PM Calculation Date: 10/23/02 8:15 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	169.0461	7.215	0.001	6258483	GR	0.0	1	
	Group 1	169.0461		0.001	6258483				
	Totals:	169.0461		0.001	6258483				

Total Unidentified Counts : 40613728 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29944 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 152 microVolts

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1004.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : goccv-gw137

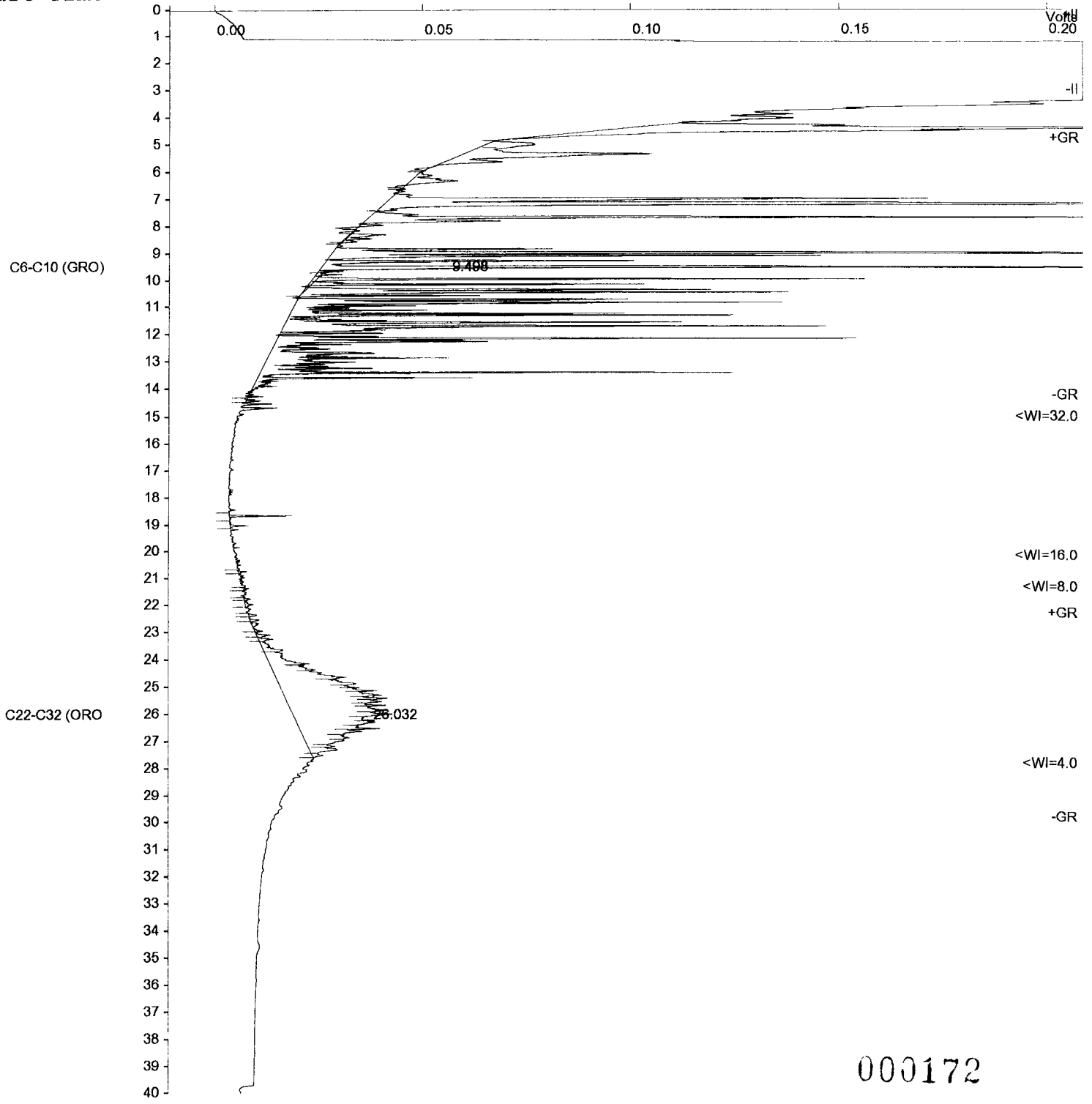
Injection Date: 10/23/02 8:51 AM Calculation Date: 10/23/02 9:38 AM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000172

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1004.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : goccv-gw137

Injection Date: 10/23/02 8:51 AM Calculation Date: 10/23/02 9:38 AM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	506.0677	9.498	0.000	11929560	GR	0.0	1	
2	C22-C32 (ORO	431.4336	26.032	0.001	3079313	GR	0.0	3	
	Group 1	506.0677		0.000	11929560				
	Group 3	431.4336		0.001	3079313				
	Totals:	937.5013		0.001	15008873				

Total Unidentified Counts : 2219862 counts

Detected Peaks: 52 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 265 microVolts

Noise (used): 107 microVolts - monitored before this run

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1004.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3mortoroil1022.mth
Sample ID : goccv-gw137

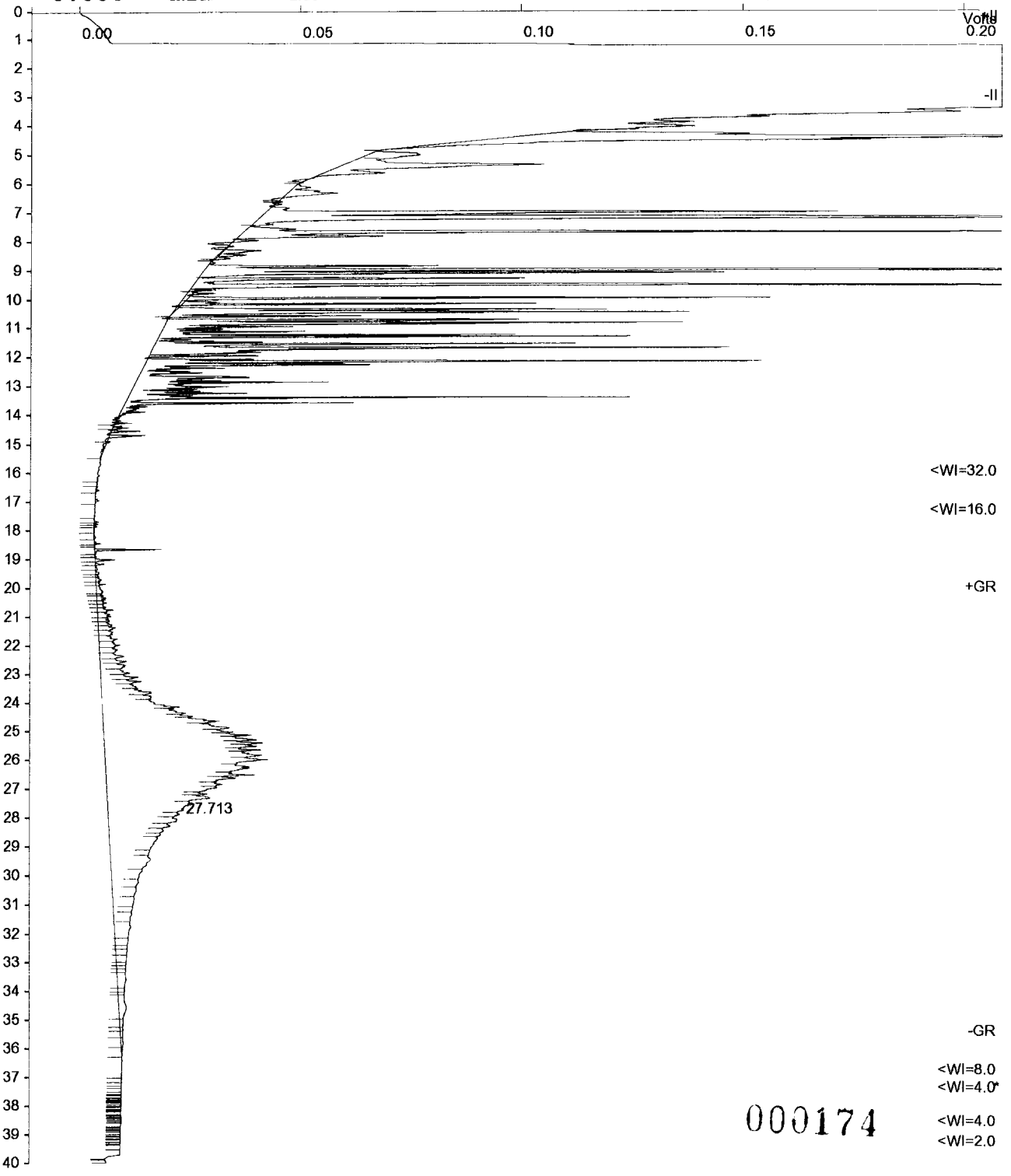
Injection Date: 10/23/02 8:51 AM Calculation Date: 10/23/02 9:43 AM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000174

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1004.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3mortoroil1022.mth
Sample ID : goccv-gw137

Injection Date: 10/23/02 8:51 AM Calculation Date: 10/23/02 9:43 AM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C22-C32 (ORO	560.0555	27.713	0.001	9046371	GR	0.0	3	
	Group 3	560.0555		0.001	9046371				
	Totals:	560.0555		0.001	9046371				

Total Unidentified Counts : 14204646 counts

Detected Peaks: 148 Rejected Peaks: 37 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 265 microVolts

Noise (used): 107 microVolts - monitored before this run

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

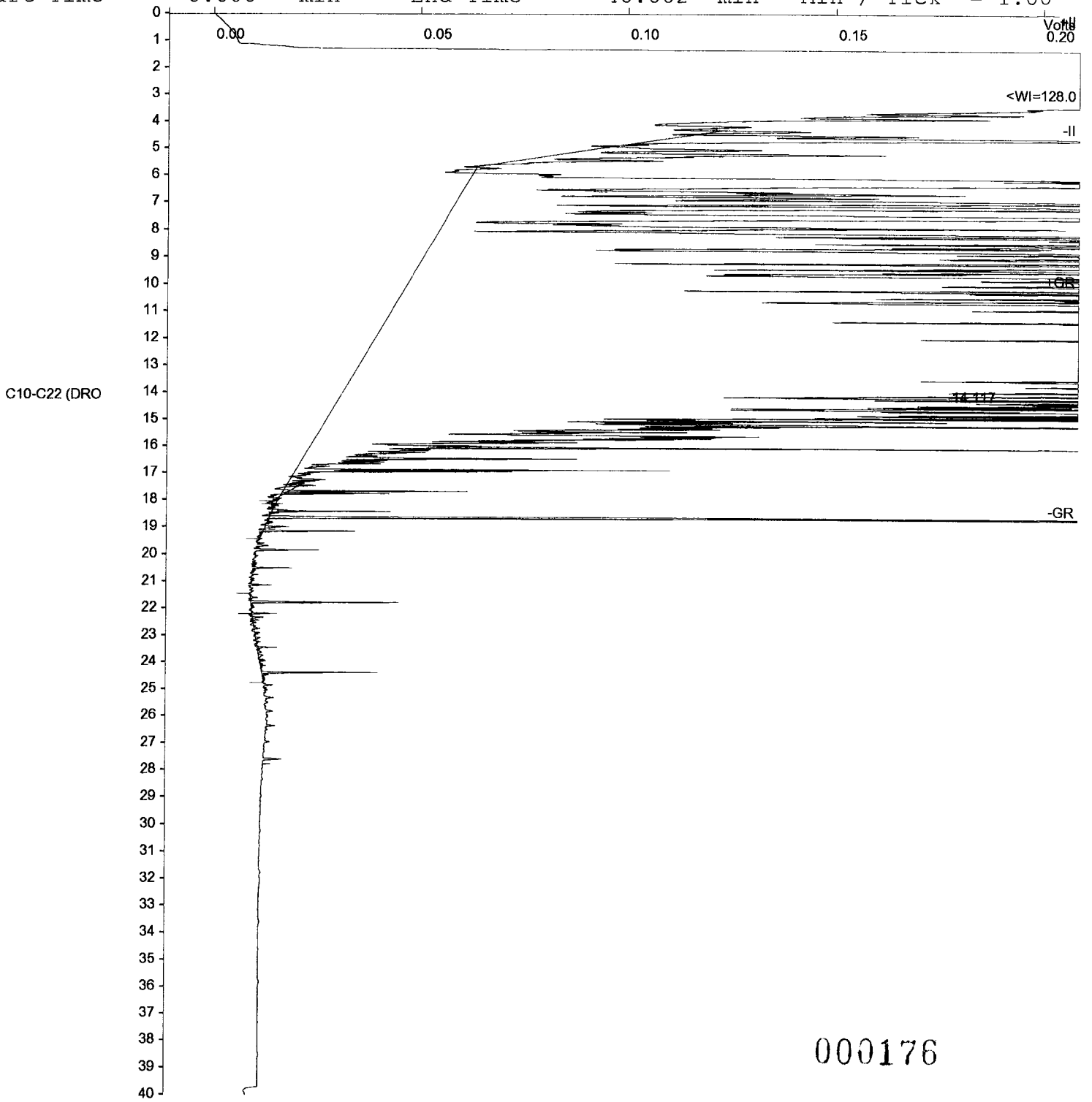
Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1005.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-816-10-10

Injection Date: 10/23/02 9:44 AM Calculation Date: 10/23/02 10:24 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 20
Instrument : Varian Star #3 Sample Rate : 10.00 Hz
Channel : B = FID 10v Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000176

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1005.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-816-10-10

Injection Date: 10/23/02 9:44 AM Calculation Date: 10/23/02 10:24 AM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22 (DRO	1584.6854	14.117	0.000	103065136	GR	0.0	2	C
	Group 2	1584.6854		0.000	103065136				
	Totals:	1584.6854		0.000	103065136				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 38295016 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 267 microVolts

Noise (used): 149 microVolts - monitored before this run

Rack: 3 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1006.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-817-10-10

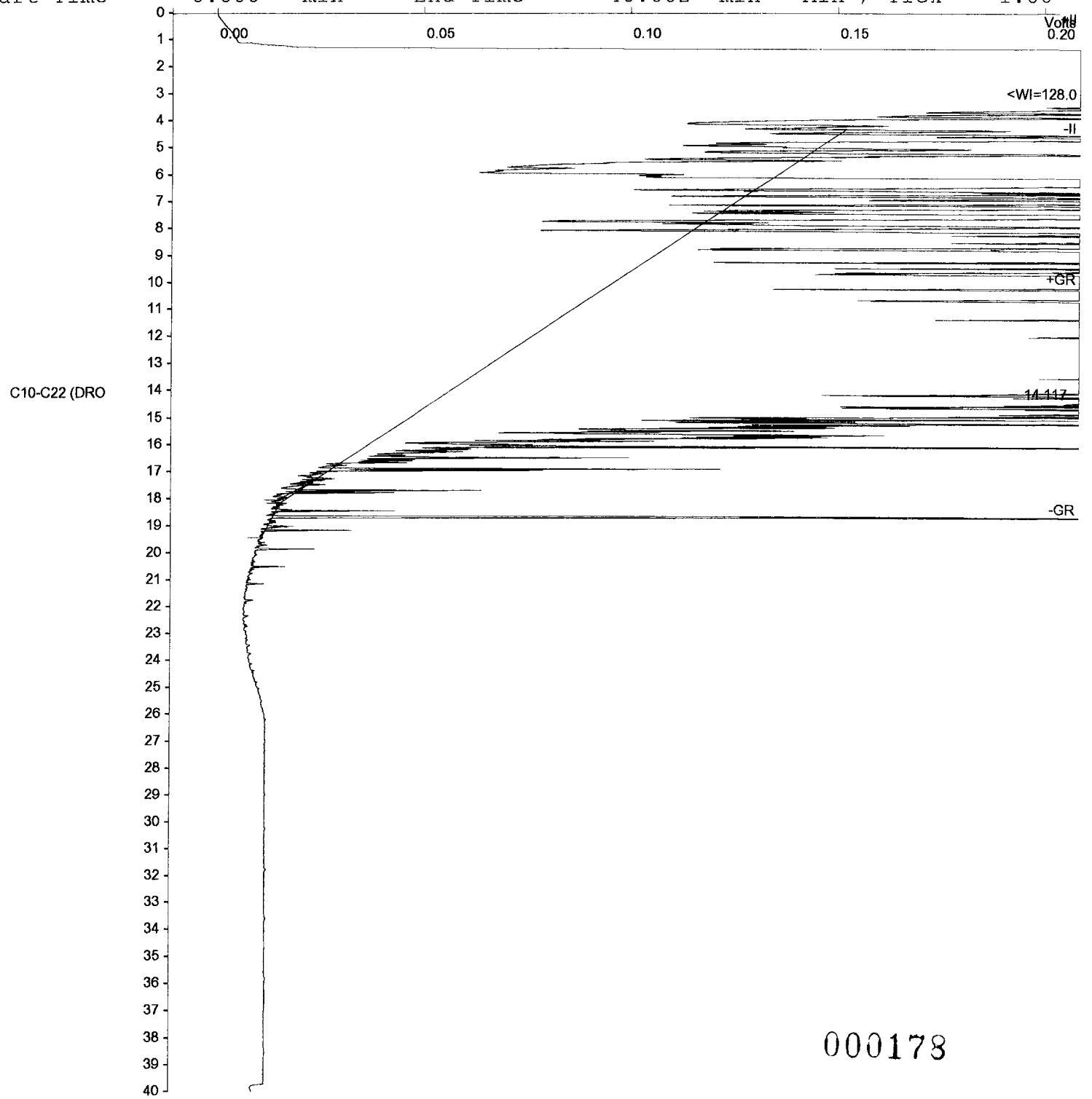
Injection Date: 10/23/02 10:38 AM Calculation Date: 10/23/02 11:18 AM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000178

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1006.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-817-10-10

Injection Date: 10/23/02 10:38 AM Calculation Date: 10/23/02 11:18 AM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22 (DRO	1762.4166	14.117	0.000	114821480	GR	0.0	2	C
	Group 2	1762.4166		0.000	114821480				
	Totals:	1762.4166		0.000	114821480				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 41274940 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -21 microVolts

Noise (used): 126 microVolts - monitored before this run

Rack: 3 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1007.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-809-10df r

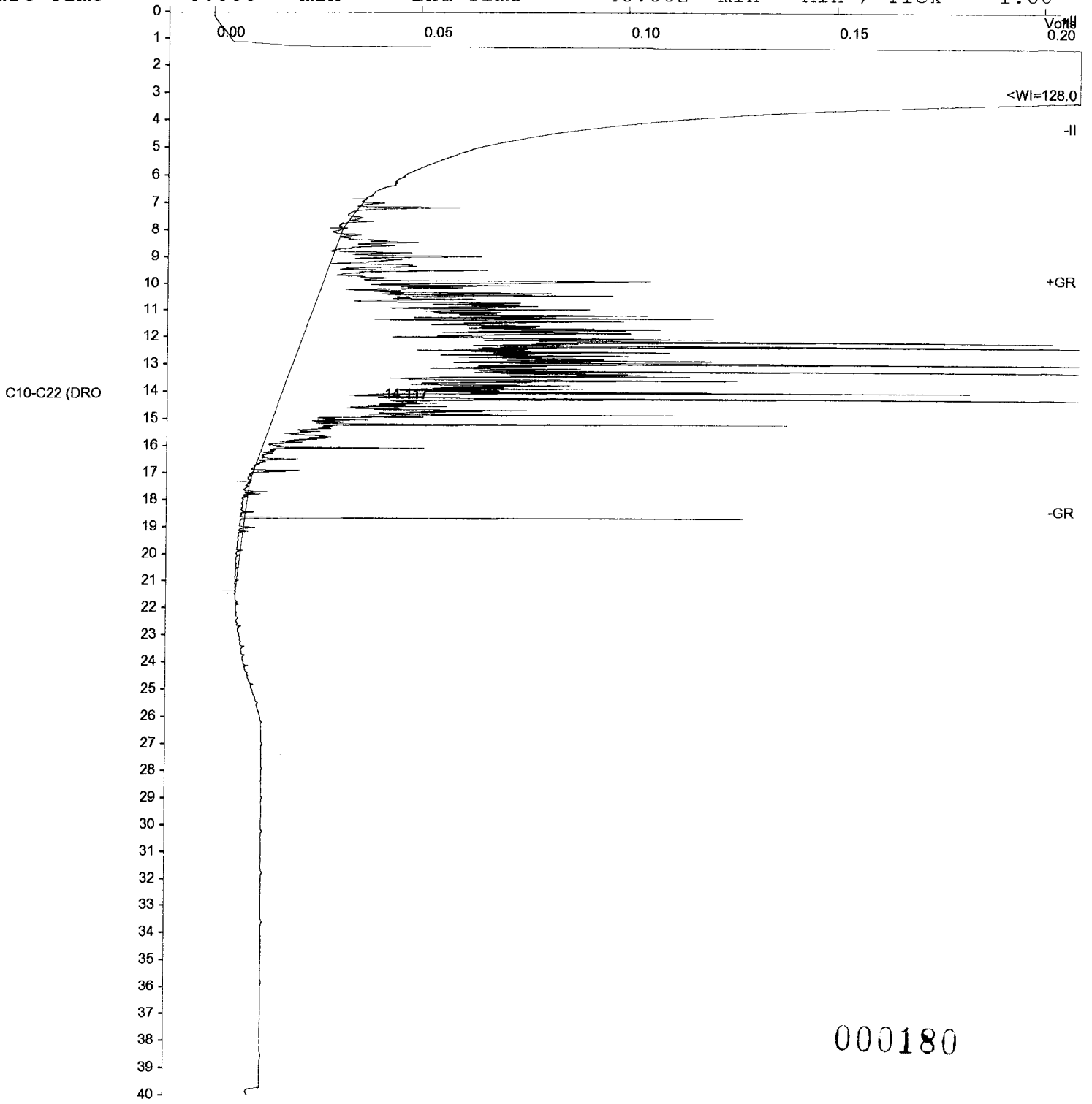
Injection Date: 10/23/02 11:32 AM Calculation Date: 10/23/02 12:12 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000180

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1007.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-809-10df r

Injection Date: 10/23/02 11:32 AM Calculation Date: 10/23/02 12:12 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22 (DRO	2673.3379	14.117	0.000	15926606	GR	0.0	2	
	Group 2	2673.3379		0.000	15926606				
	Totals:	2673.3379		0.000	15926606				

Total Unidentified Counts : 832269 counts

Detected Peaks: 7 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -32 microVolts

Noise (used): 135 microVolts - monitored before this run

Rack: 3 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1007.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : 101132-809-10df r

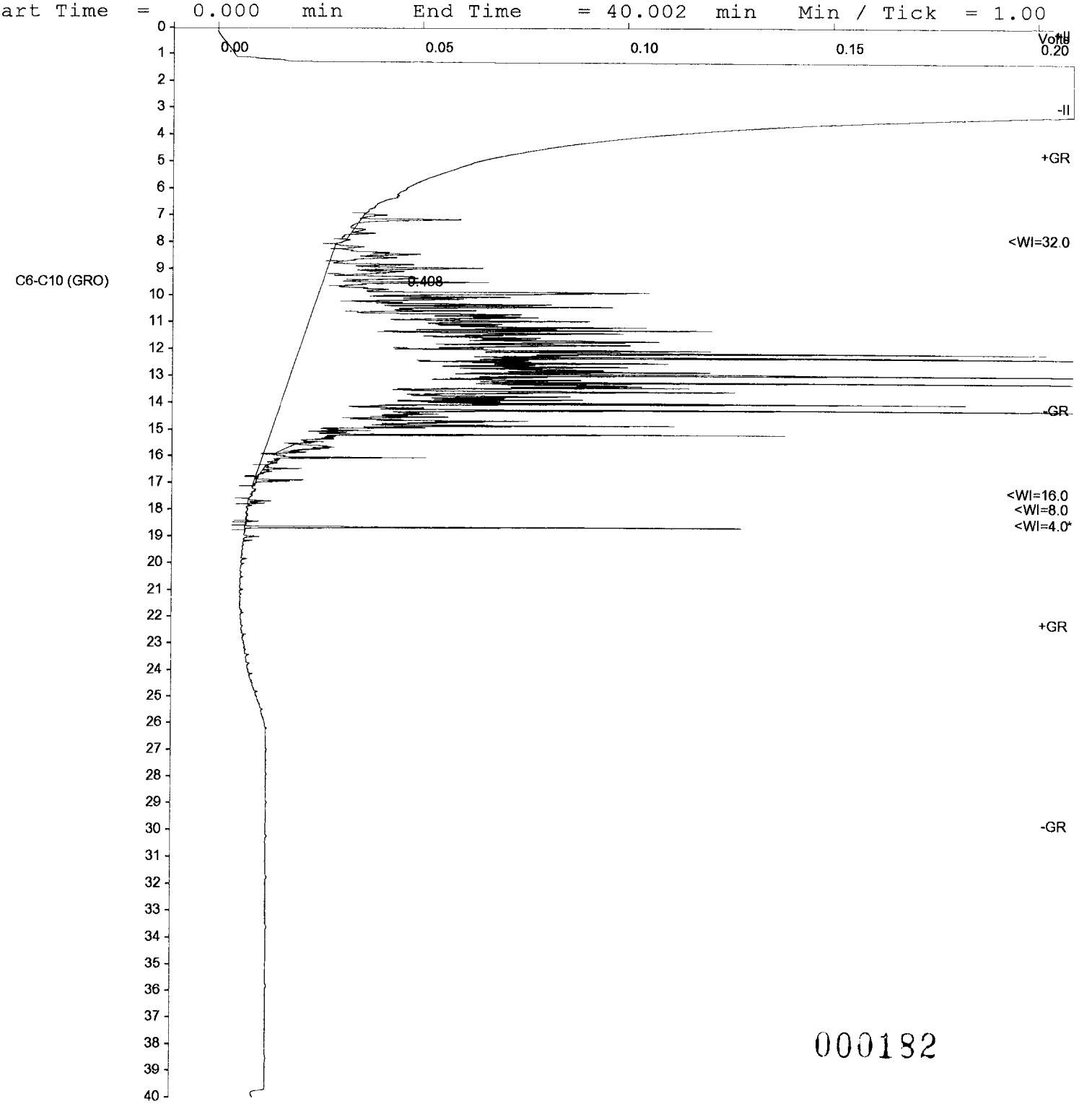
Injection Date: 10/23/02 11:32 AM Calculation Date: 10/23/02 12:24 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000182

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1007.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : 101132-809-10df r

Injection Date: 10/23/02 11:32 AM Calculation Date: 10/23/02 12:24 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	6624.2944	9.498	0.000	15615484	GR	0.0	1	
	Group 1	6624.2944		0.000	15615484				
	Totals:	6624.2944		0.000	15615484				

Total Unidentified Counts : 2142988 counts

Detected Peaks: 36 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -32 microVolts

Noise (used): 135 microVolts - monitored before this run

Rack: 3 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1001.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906.mth
Sample ID : dccv-gw136

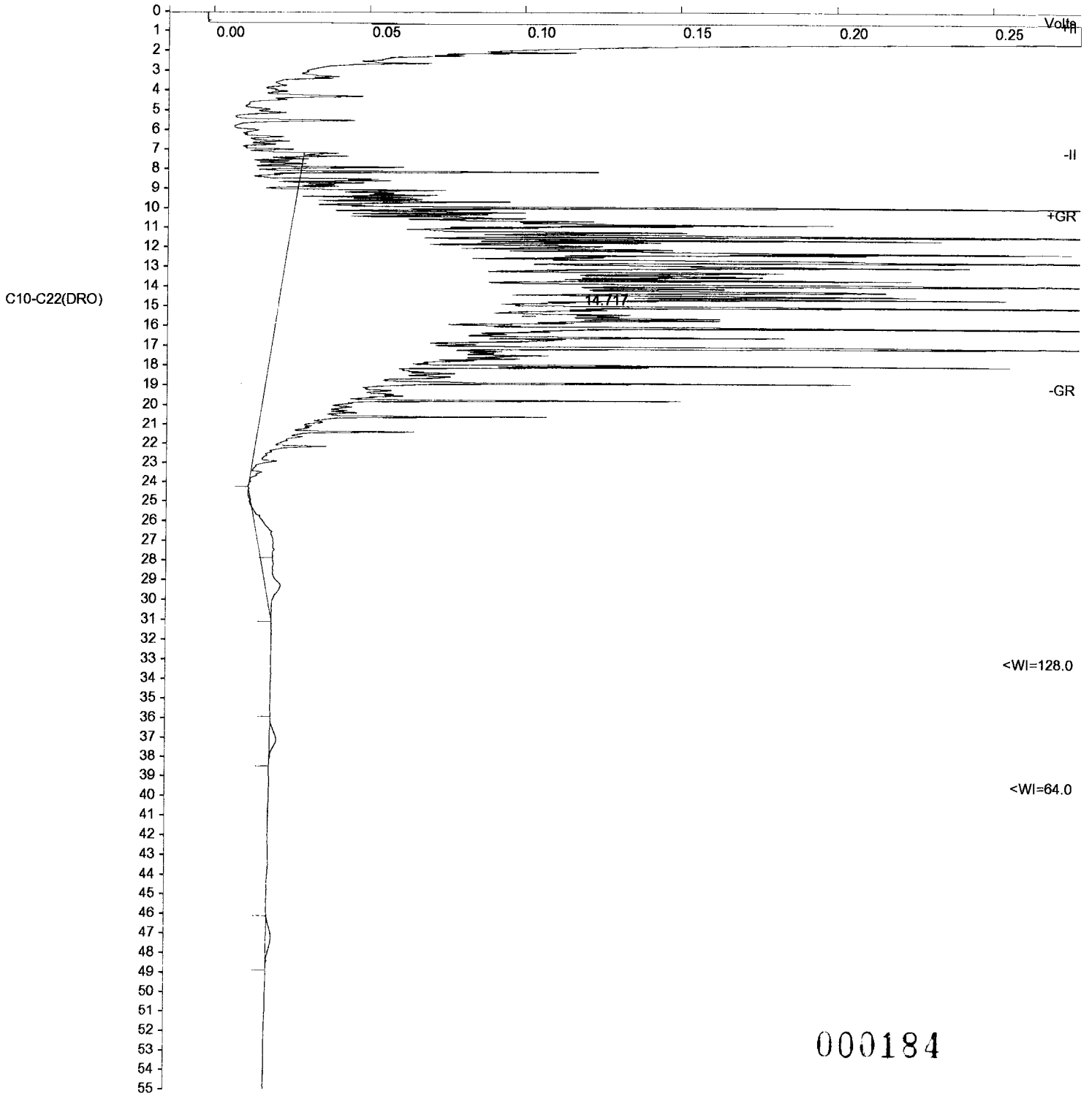
Injection Date: 10/23/02 11:33 AM Calculation Date: 10/23/02 12:28 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1001.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906.mth
Sample ID : dccv-gw136

Injection Date: 10/23/02 11:33 AM Calculation Date: 10/23/02 12:28 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	530.4573	6.1	14.717	0.001	63093404	2	
	Group 2		530.4573			0.001	63093404		
	Totals:		530.4573			0.001	63093404		

Total Unidentified Counts : 1252562 counts

Detected Peaks: 9 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -2132 microVolts

Noise (used): 143 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1008.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-810-10df r

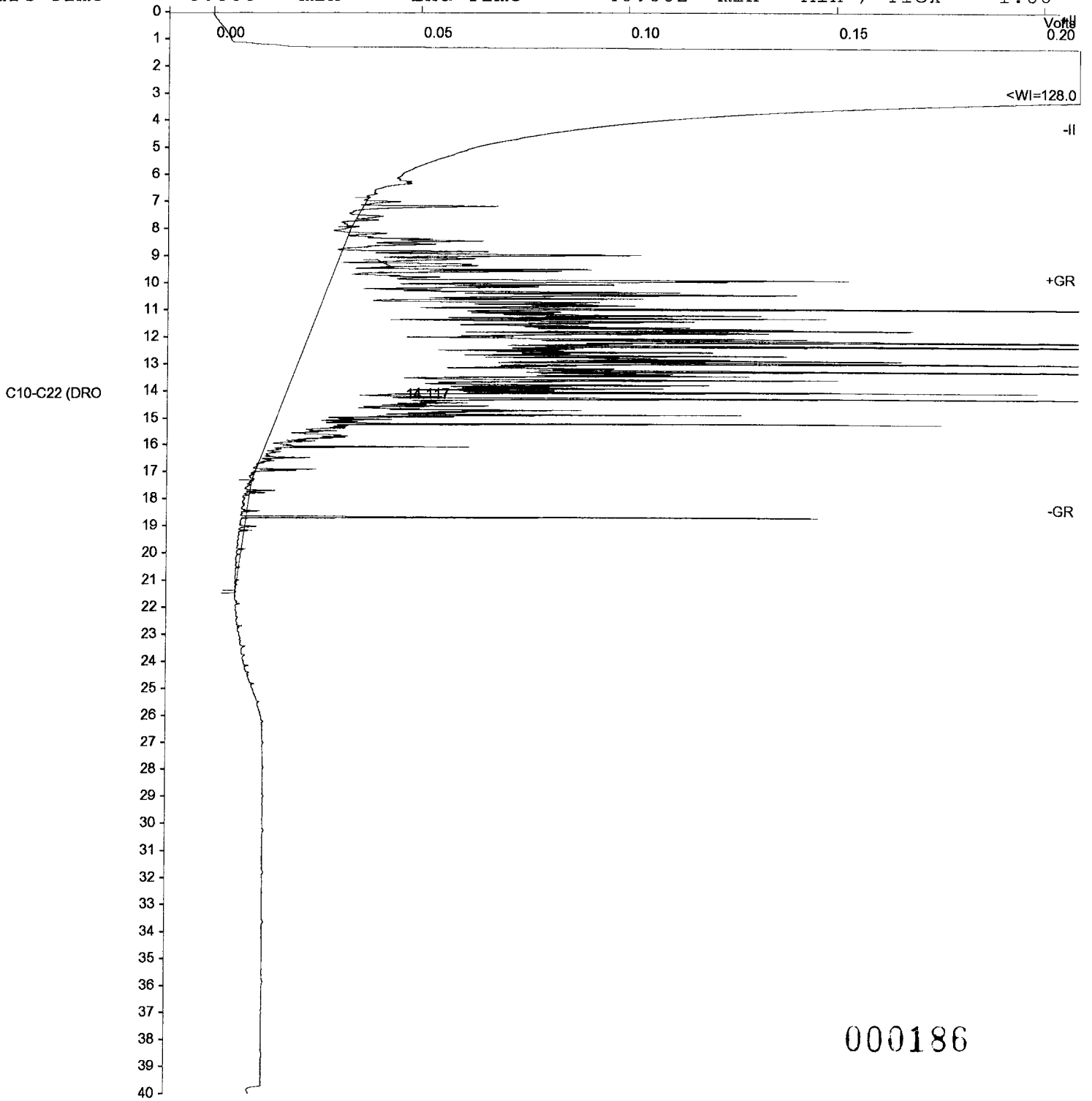
Injection Date: 10/23/02 12:26 PM Calculation Date: 10/23/02 1:06 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000186

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1008.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-810-10df r

Injection Date: 10/23/02 12:26 PM Calculation Date: 10/23/02 1:06 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22 (DRO	3512.7874	14.117	0.000	21479292	GR	0.0	2	
	Group 2	3512.7874		0.000	21479292				
	Totals:	3512.7874		0.000	21479292				

Total Unidentified Counts : 1458362 counts

Detected Peaks: 9 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -91 microVolts

Noise (used): 122 microVolts - monitored before this run

Rack: 3 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1008.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : 101132-810-10df r

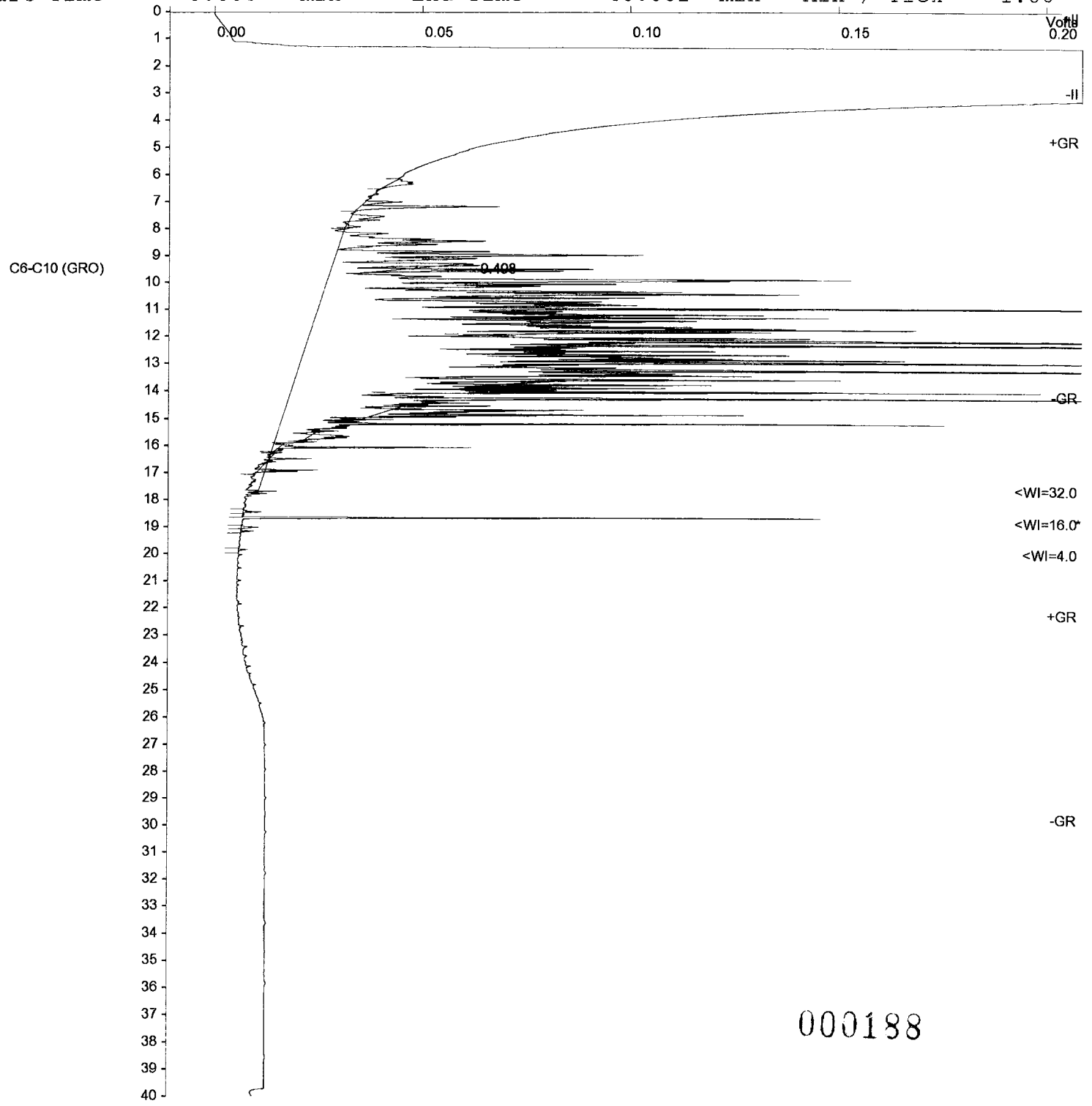
Injection Date: 10/23/02 12:26 PM Calculation Date: 10/23/02 1:30 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000188

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1008.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : 101132-810-10df r

Injection Date: 10/23/02 12:26 PM Calculation Date: 10/23/02 1:30 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	8340.5322	9.498	0.000	19661180	GR	0.0	1	
	Group 1	8340.5322		0.000	19661180				
	Totals:	8340.5322		0.000	19661180				

Total Unidentified Counts : 3494769 counts

Detected Peaks: 28 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -91 microVolts

Noise (used): 122 microVolts - monitored before this run

Rack: 3 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1002.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : goccv-gw137

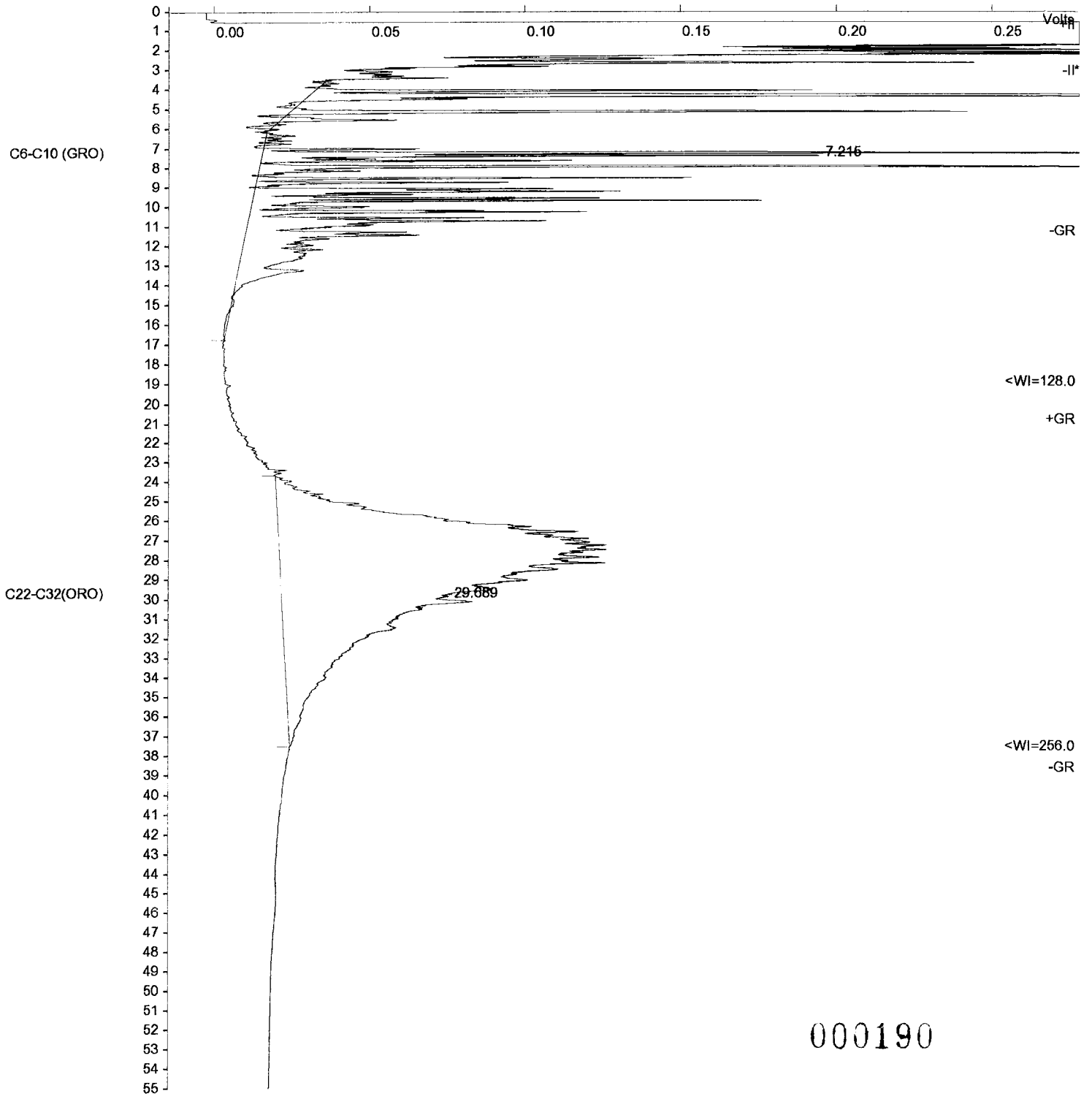
Injection Date: 10/23/02 12:41 PM Calculation Date: 10/23/02 2:43 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000190

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1002.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : goccv-gw137

Injection Date: 10/23/02 12:41 PM Calculation Date: 10/23/02 2:43 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	550.7402	7.215	0.001	20389692	GR	0.0	1	
2	C22-C32(ORO)	449.4801	29.689	0.000	29825248	GR	0.0	3	
	Group 1	550.7402		0.001	20389692				
	Group 3	449.4801		0.000	29825248				
	Totals:	1000.2203		0.001	50214940				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -2608 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 138 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1009.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-811-10df r

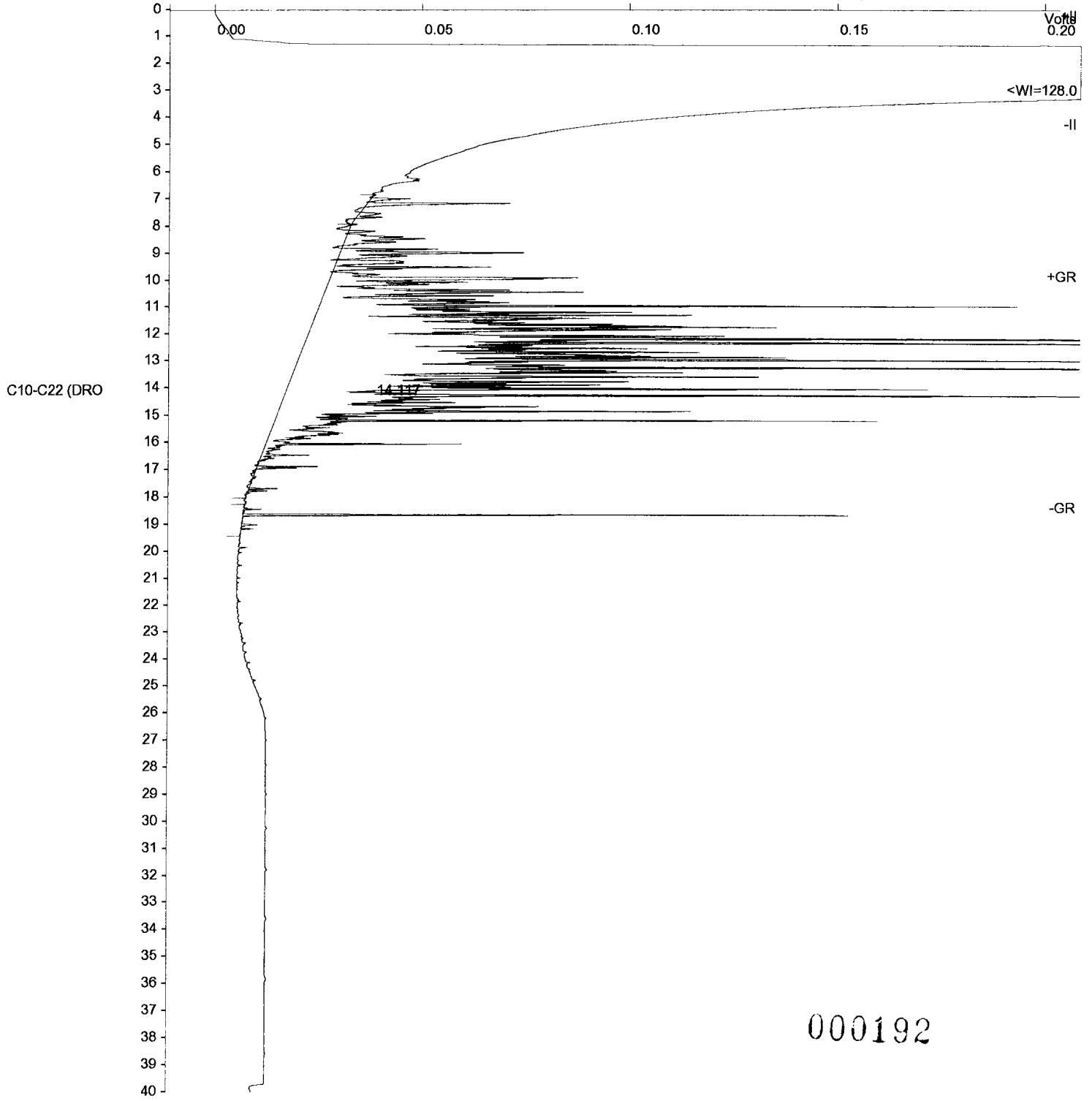
Injection Date: 10/23/02 1:21 PM Calculation Date: 10/23/02 2:01 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000192

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1009.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-811-10df r

Injection Date: 10/23/02 1:21 PM Calculation Date: 10/23/02 2:01 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 20
Instrument : Varian Star #3 Sample Rate : 10.00 Hz
Channel : B = FID 10v Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22 (DRO	2727.5764	14.117	0.000	16285376	GR	0.0	2	
	Group 2	2727.5764		0.000	16285376				
	Totals:	2727.5764		0.000	16285376				

Total Unidentified Counts : 1069161 counts

Detected Peaks: 8 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 142 microVolts - monitored before this run

Rack: 3 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

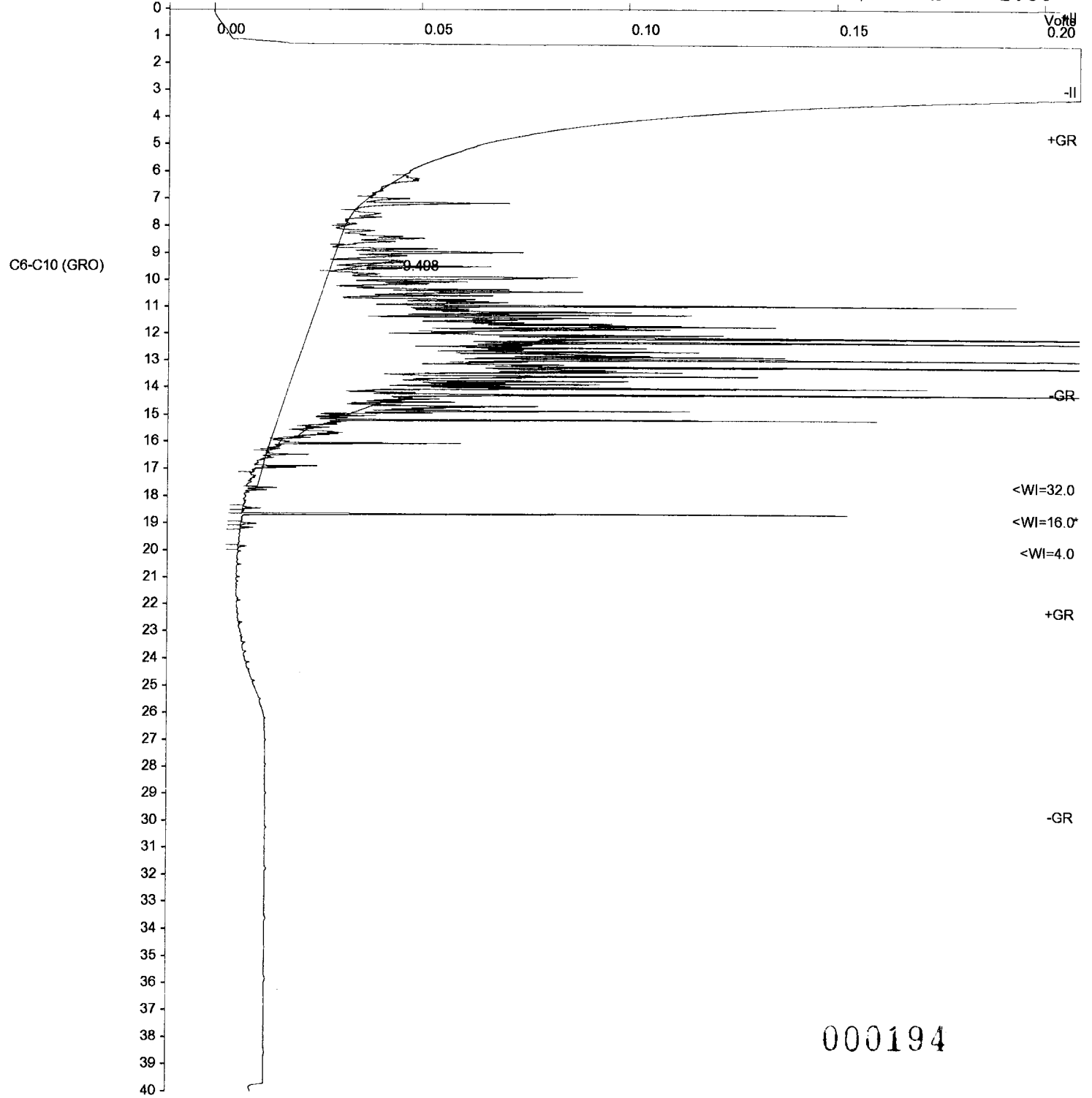
Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1009.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : 101132-811-10df r

Injection Date: 10/23/02 1:21 PM Calculation Date: 10/23/02 2:42 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 20
Instrument : Varian Star #3 Sample Rate : 10.00 Hz
Channel : B = FID 10v Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000194

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1009.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : 101132-811-10df r

Injection Date: 10/23/02 1:21 PM Calculation Date: 10/23/02 2:42 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	6027.0269	9.498	0.000	14207542	GR	0.0	1	
	Group 1	6027.0269		0.000	14207542				
	Totals:	6027.0269		0.000	14207542				

Total Unidentified Counts : 3190884 counts

Detected Peaks: 27 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 142 microVolts - monitored before this run

Rack: 3 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

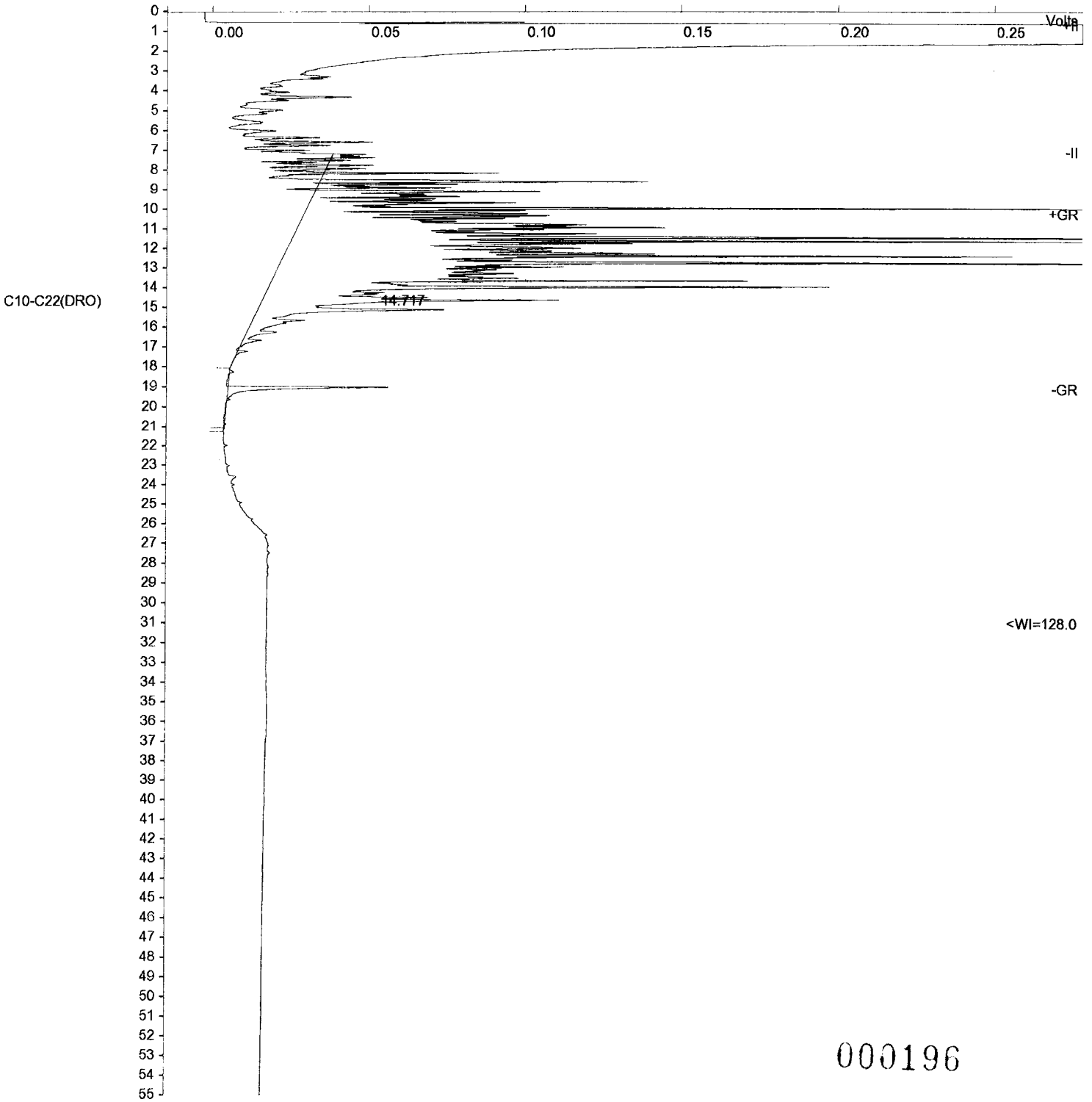
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906.mth
Sample ID : 101132-812-10df r

Injection Date: 10/23/02 1:48 PM Calculation Date: 10/23/02 2:44 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000196

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906.mth
Sample ID : 101132-812-10df r

Injection Date: 10/23/02 1:48 PM Calculation Date: 10/23/02 2:44 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	2214.7419	14.717	0.001	25533310	GR	0.0	2	
	Group 2	2214.7419		0.001	25533310				
	Totals:	2214.7419		0.001	25533310				

Total Unidentified Counts : 0 counts

Detected Peaks: 3 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -2715 microVolts

Noise (used): 162 microVolts - monitored before this run

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

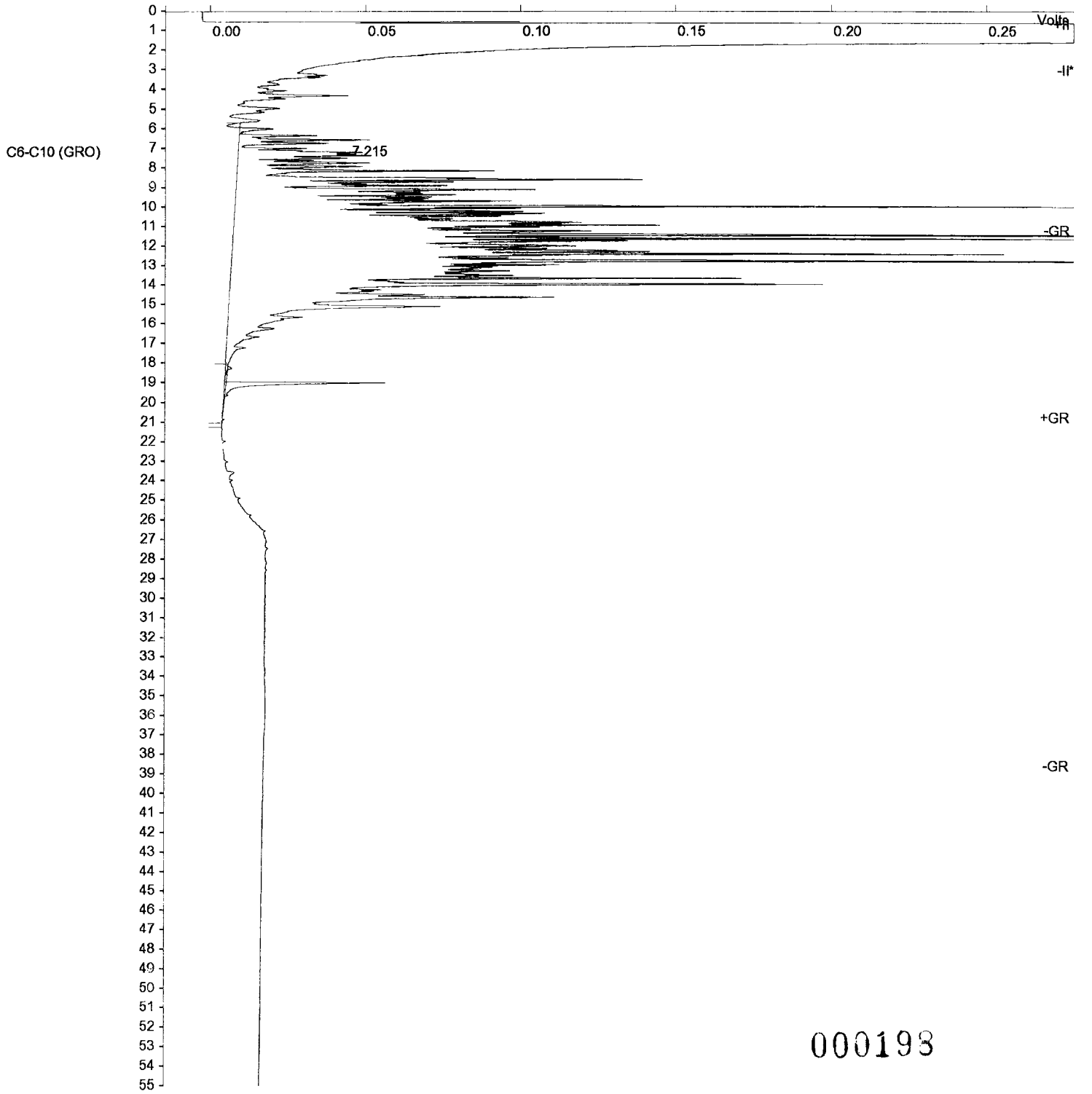
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1003.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-812-10df r

Injection Date: 10/23/02 1:48 PM Calculation Date: 10/23/02 2:44 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000193

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1003.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-812-10df r

Injection Date: 10/23/02 1:48 PM Calculation Date: 10/23/02 2:44 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	2906.8545	7.215	0.001	10761857	GR	0.0	1	
	Group 1	2906.8545		0.001	10761857				
	Totals:	2906.8545		0.001	10761857				

Total Unidentified Counts : 25566818 counts

Detected Peaks: 3 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -2715 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 162 microVolts

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1010.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-816-10df r

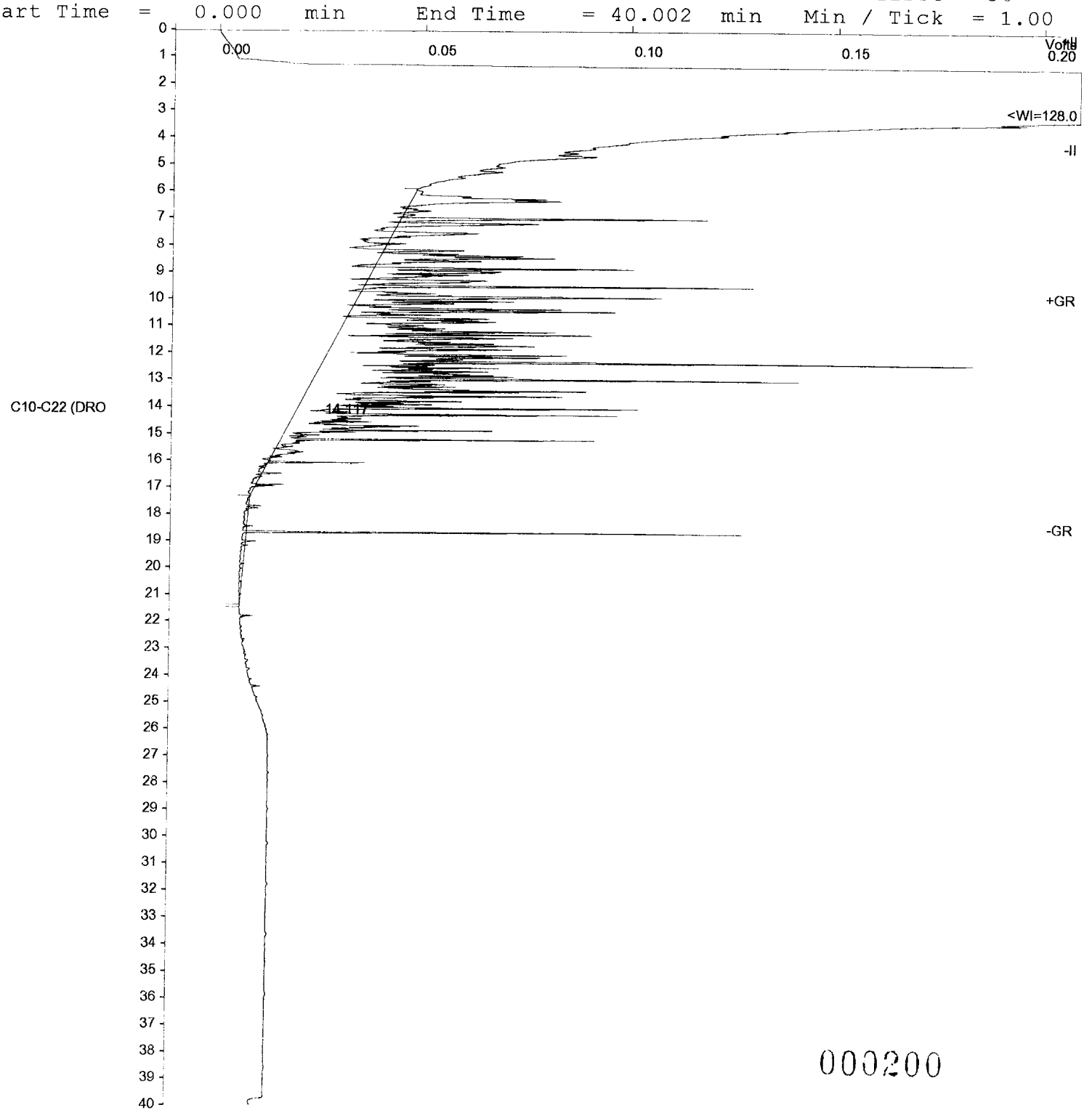
Injection Date: 10/23/02 2:15 PM Calculation Date: 10/23/02 2:55 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000200

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1010.run
Method File : C:\Star\INSTRUMENT 3 - GC 3\METHODS - GC3\3gc diesel1014.mth
Sample ID : 101132-816-10df r

Injection Date: 10/23/02 2:15 PM Calculation Date: 10/23/02 2:55 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 20
Instrument : Varian Star #3 Sample Rate : 10.00 Hz
Channel : B = FID 10v Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22 (DRO	1396.8009	14.117	0.000	7482729	GR	0.0	2	
	Group 2	1396.8009		0.000	7482729				
	Totals:	1396.8009		0.000	7482729				

Total Unidentified Counts : 2261513 counts

Detected Peaks: 10 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 56 microVolts

Noise (used): 133 microVolts - monitored before this run

Rack: 3 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1010.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : 101132-816-10df r

Injection Date: 10/23/02 2:15 PM Calculation Date: 10/24/02 9:36 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 20
Instrument : Varian Star #3 Sample Rate : 10.00 Hz
Channel : B = FID 10v Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	1992.3269	6.684	0.000	3665615	GR	0.0	1	
2	C22-C32 (ORO	no result	26.032	0.001	255906	GR	0.0	3	C*
	Group 1	1992.3269		0.000	3665615				
	Group 3	-5553.2178		0.001	255906				
	Totals:	1992.3269		0.001	3921521				

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 8407121 counts

Detected Peaks: 127 Rejected Peaks: 86 Identified Peaks: 2

Multiplier: 10 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 56 microVolts

Noise (used): 133 microVolts - monitored before this run

Rack: 3 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

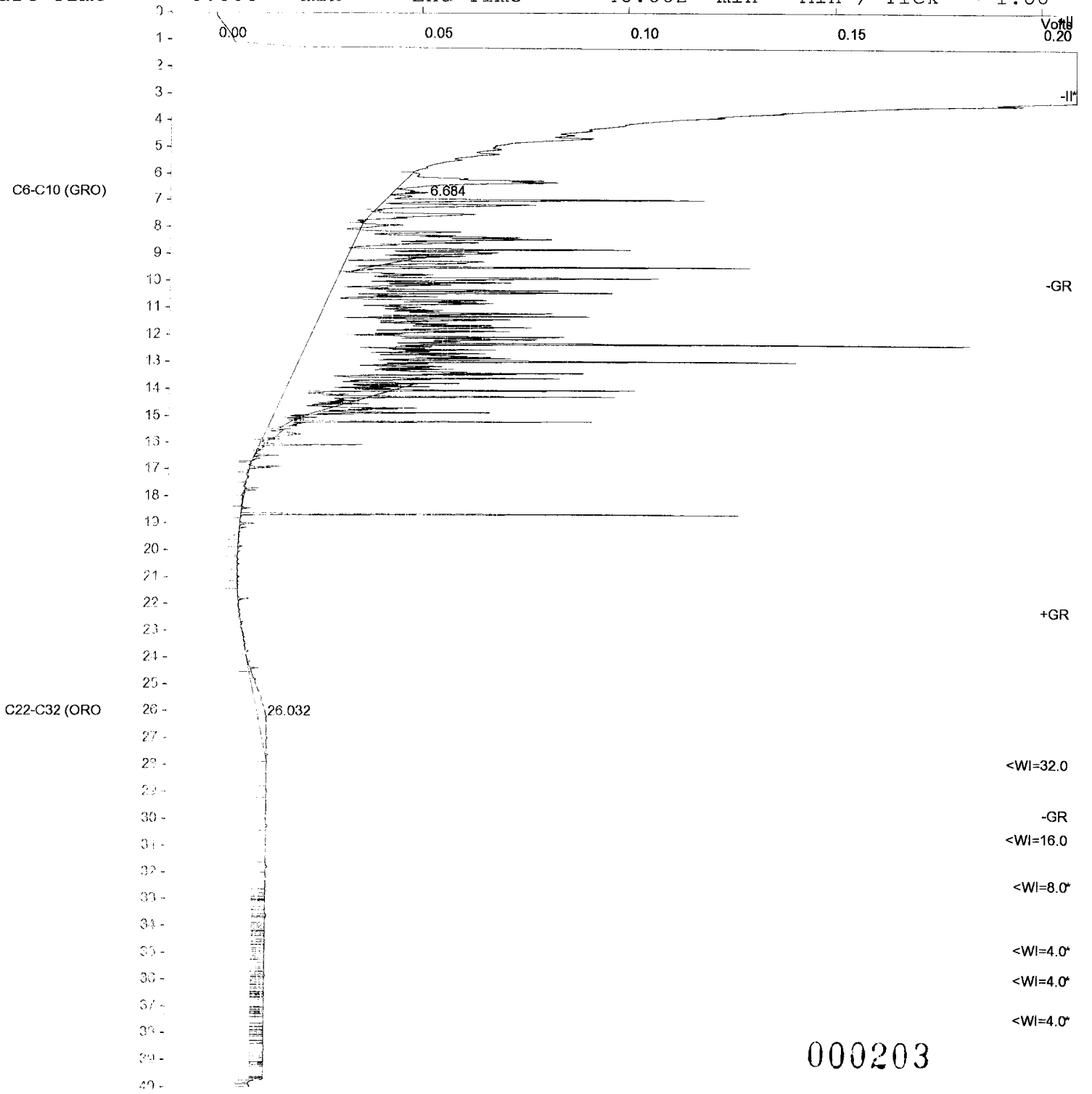
Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1010.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\g3g+o1014.mth
Sample ID : 101132-816-10df r

Injection Date: 10/23/02 2:15 PM Calculation Date: 10/24/02 9:36 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 20
Instrument : Varian Star #3 Sample Rate : 10.00 Hz
Channel : B = FID 10v Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000203

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1004.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906.mth
Sample ID : 101132-814-20df r

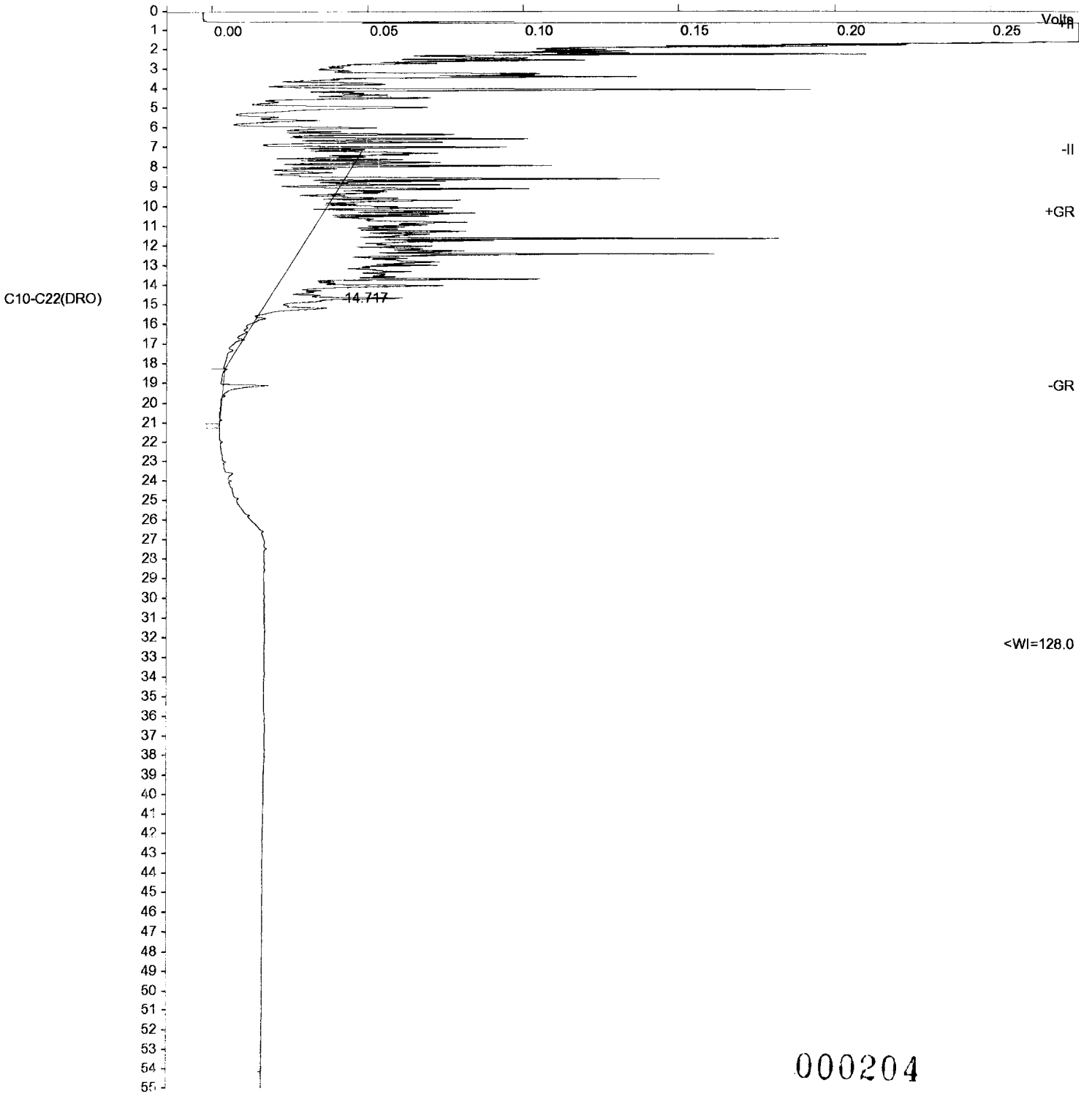
Injection Date: 10/23/02 2:57 PM Calculation Date: 10/23/02 3:52 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000204

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel0906.mth
Sample ID : 101132-814-20df r

Injection Date: 10/23/02 2:57 PM Calculation Date: 10/23/02 5:00 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	2089.3486	14.717	0.001	11309929	GR	0.0	2	
	Group 2	2089.3486		0.001	11309929				
	Totals:	2089.3486		0.001	11309929				

Total Unidentified Counts : 7364260 counts

Detected Peaks: 211 Rejected Peaks: 172 Identified Peaks: 1

Multiplier: 20 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -2969 microVolts

Noise (used): 150 microVolts - monitored before this run

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

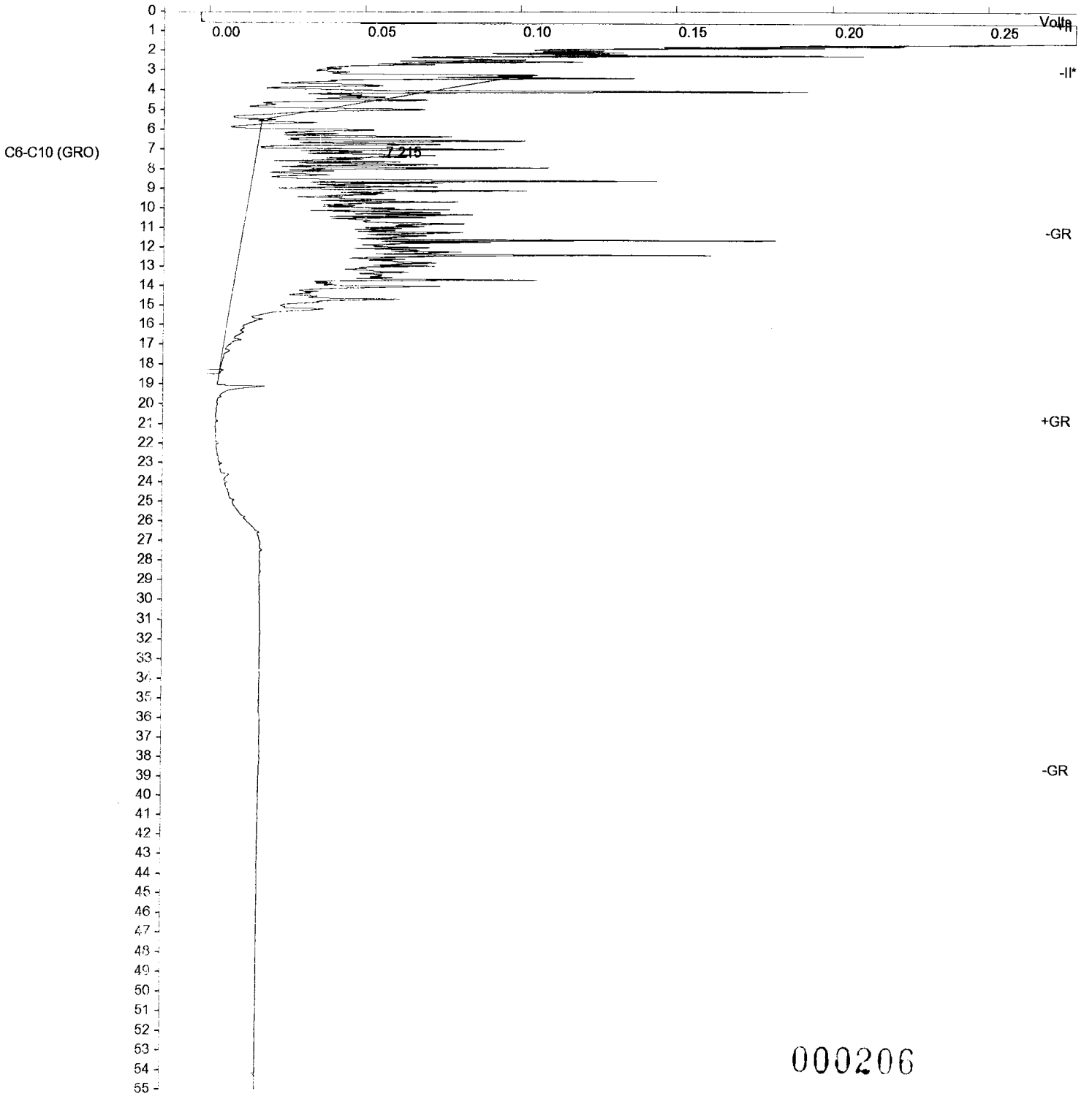
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-814-20df r

Injection Date: 10/23/02 2:57 PM Calculation Date: 10/23/02 5:01 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-814-20df r

Injection Date: 10/23/02 2:57 PM Calculation Date: 10/23/02 5:01 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	2398.5291	7.215	0.001	4439959	GR	0.0	1	
	Group 1	2398.5291		0.001	4439959				
	Totals:	2398.5291		0.001	4439959				

Total Unidentified Counts : 16103096 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 20 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -2969 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 150 microVolts

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

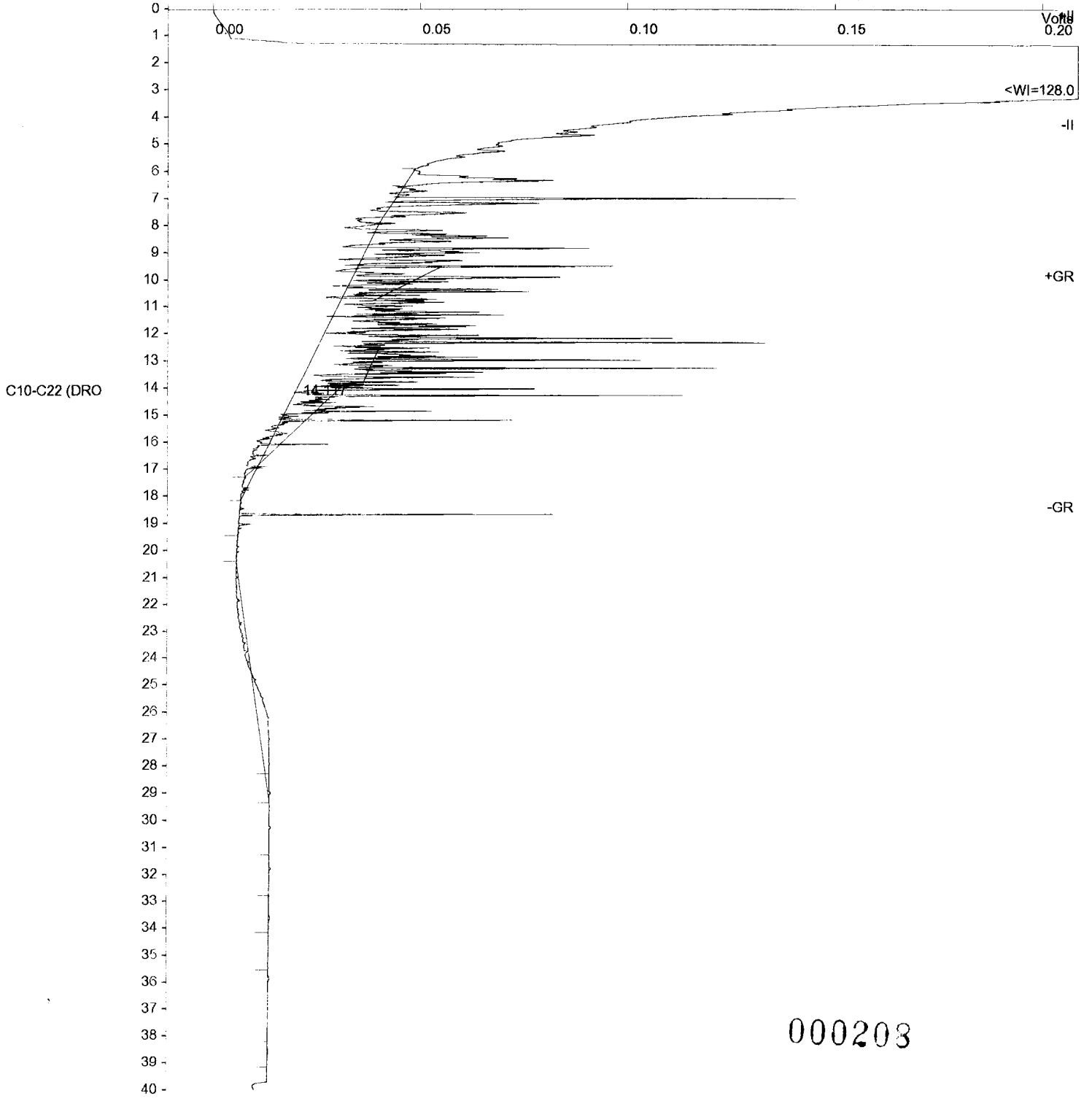
Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1011.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\3gc diesel1014.mth
Sample ID : 101132-817-20df r

Injection Date: 10/23/02 3:10 PM Calculation Date: 10/23/02 5:05 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 20
Instrument : Varian Star #3 Sample Rate : 10.00 Hz
Channel : B = FID 10v Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.49 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 40.002 min Min / Tick = 1.00



000203

Title : 8015-Diesel by FID
Run File : c:\star\instrument 3 - gc 3\data - gc3\oct02\g3-10-23-02-1011.run
Method File : c:\star\instrument 3 - gc 3\methods - gc3\3gc diesel1014.mth
Sample ID : 101132-817-20df r

Injection Date: 10/23/02 3:10 PM Calculation Date: 10/23/02 5:05 PM

Operator : AF
Workstation:
Instrument : Varian Star #3
Channel : B = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 20
Sample Rate : 10.00 Hz
Run Time : 40.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22 (DRO	1725.0291	14.117	0.000	3948598	GR	0.0	2	
	Group 2	1725.0291		0.000	3948598				
	Totals:	1725.0291		0.000	3948598				

Total Unidentified Counts : 3142378 counts

Detected Peaks: 19 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 20 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -12 microVolts

Noise (used): 147 microVolts - monitored before this run

Rack: 3 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-817-20dfR

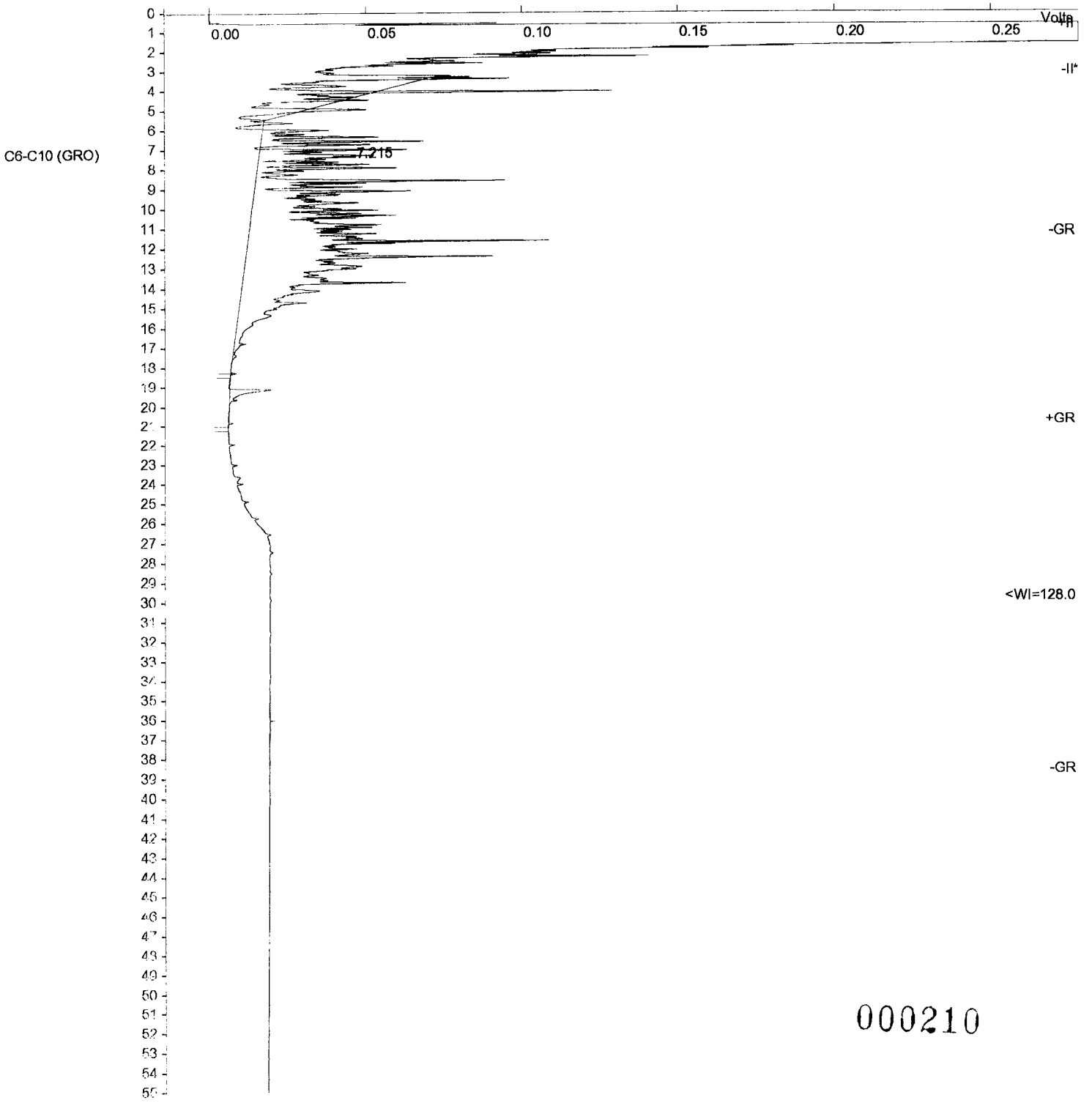
Injection Date: 10/23/02 7:27 PM Calculation Date: 10/24/02 7:31 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000210

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-23-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-817-20dfR

Injection Date: 10/23/02 7:27 PM Calculation Date: 10/24/02 7:31 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	55.4693	7.215	0.001	2053605	GR	0.0	1	
	Group 1	55.4693	1109.4	0.001	2053605				
	Totals:	55.4693		0.001	2053605				

Total Unidentified Counts : 9428460 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: X 20 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -271 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 166 microVolts

Rack: 2 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

000211

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-24-02-1.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906.mth
Sample ID : 101132-816-10dfR

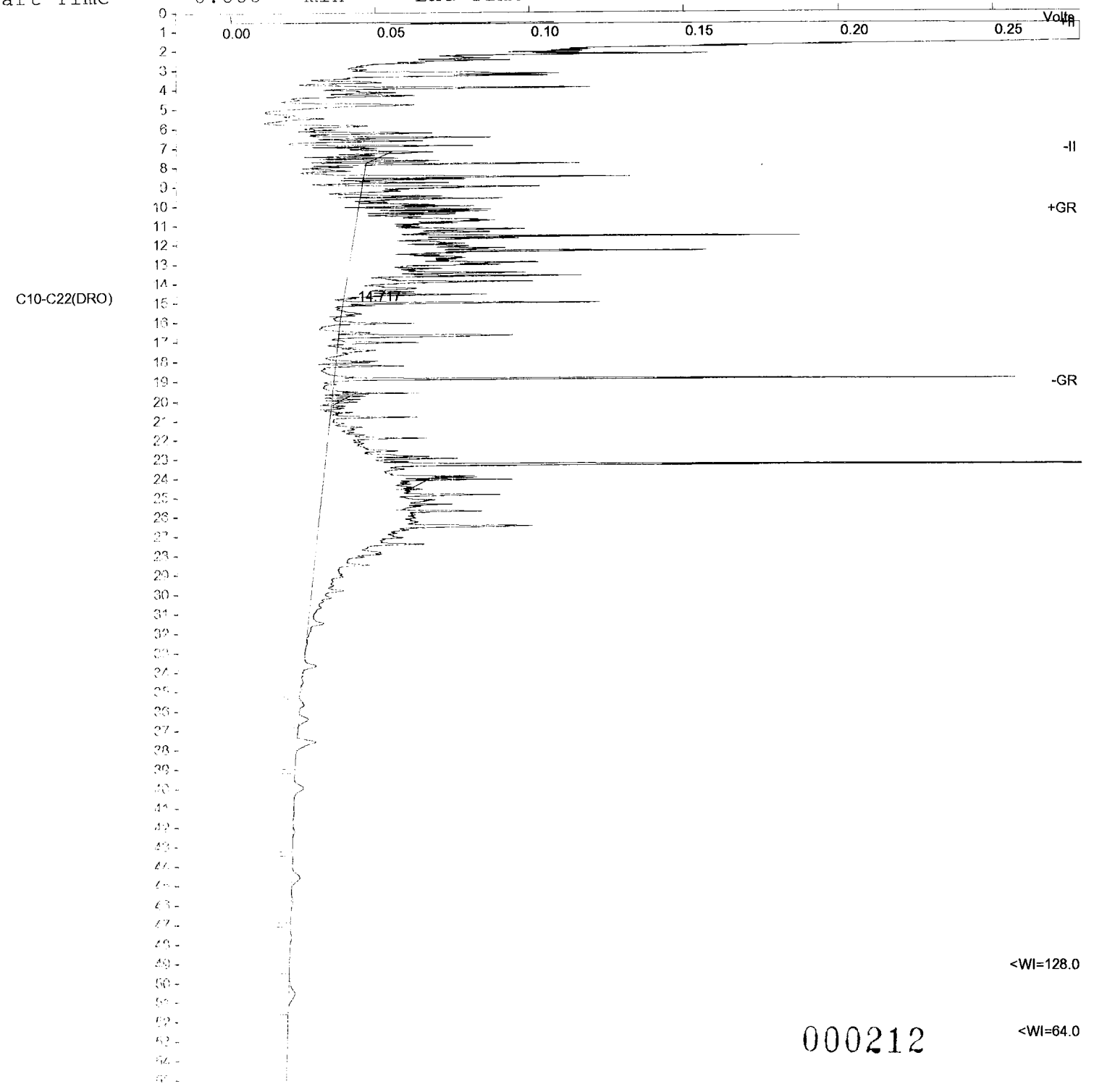
Injection Date: 10/24/02 7:16 AM Calculation Date: 10/24/02 8:12 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000212

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-24-02-1.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel0906.mth
Sample ID : 101132-816-10dfR

Injection Date: 10/24/02 7:16 AM Calculation Date: 10/24/02 8:12 AM

Operator : AP
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	95.7611	14.717	0.001	10251589	GR	0.0	2	
	Group 2	95.7611		0.001	10251589				
	Totals:	95.7611		0.001	10251589				

Total Unidentified Counts : 13549352 counts

Detected Peaks: 17 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 3222 microVolts

Noise (used): 136 microVolts - monitored before this run

Rack: 2 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

000213

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-24-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 101132-816-10dfR

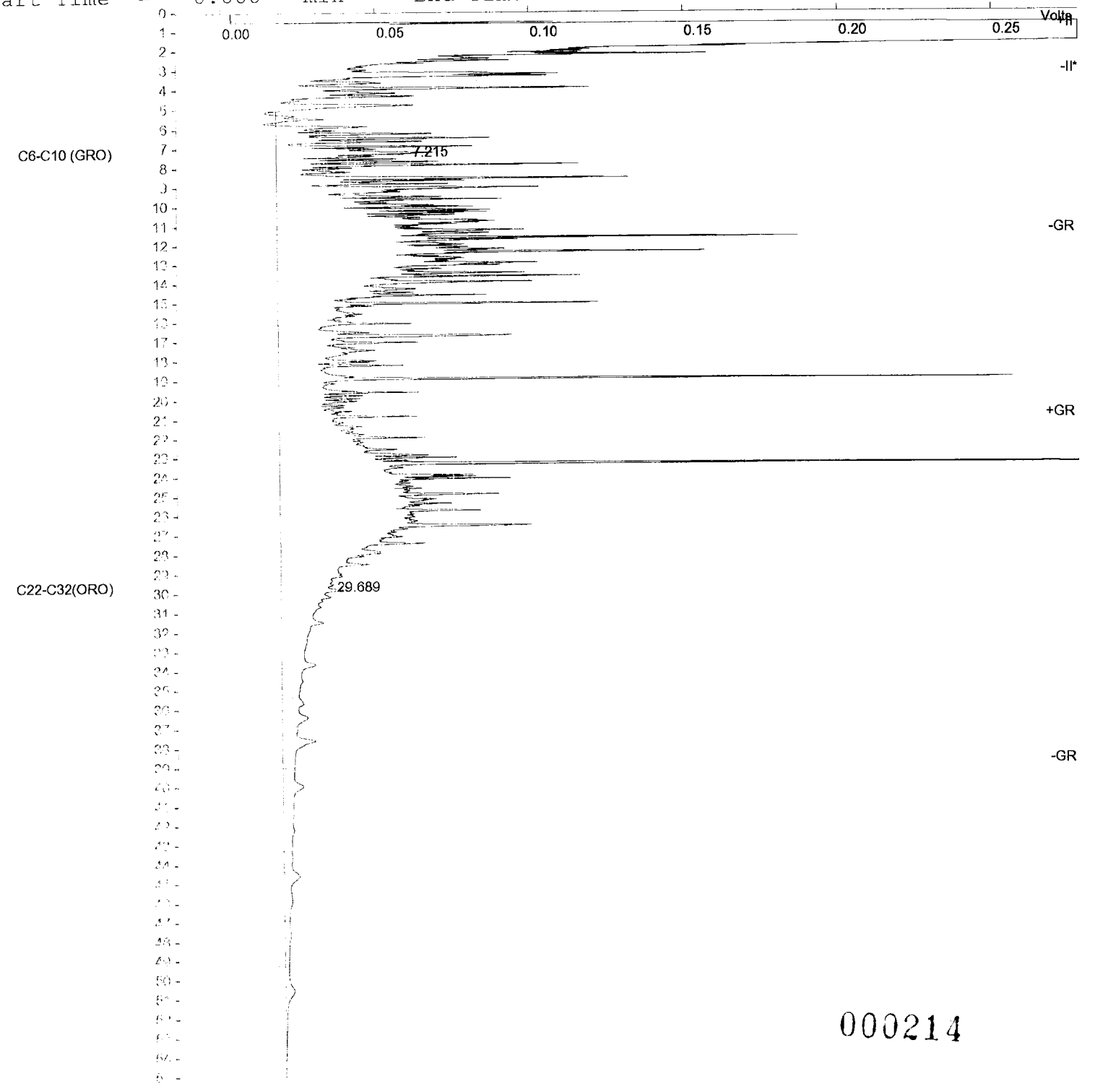
Injection Date: 10/24/02 7:16 AM Calculation Date: 10/24/02 8:13 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000214

Title : 015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\oct02\g9-10-24-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go0910.mth
Sample ID : 01132-816-10dfR

Injection Date: 10/24/02 7:16 AM Calculation Date: 10/24/02 8:13 AM

Operator : AT
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	170.5144	7.215	0.001	6312841	GR	0.0	1	
2	C22-C32(TRO)	360.0264	29.689	0.000	23889546	GR	0.0	3	
	Group 1	170.5144		0.001	6312841				
	Group 3	360.0264		0.000	23889546				
	Totals:	530.5408		0.001	30202387				

Total Unidentified Counts : 26212200 counts

Detected Peaks 18 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 3222 microVolts

Noise (used): 50 microVolts - fixed value
Noise (monitored before this run): 136 microVolts

Rack: 2 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

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000215

EPA 8260:

Data (solid)

****

Varian Star Workstation - RecalcList Wed Oct 23 09:17:56 2002

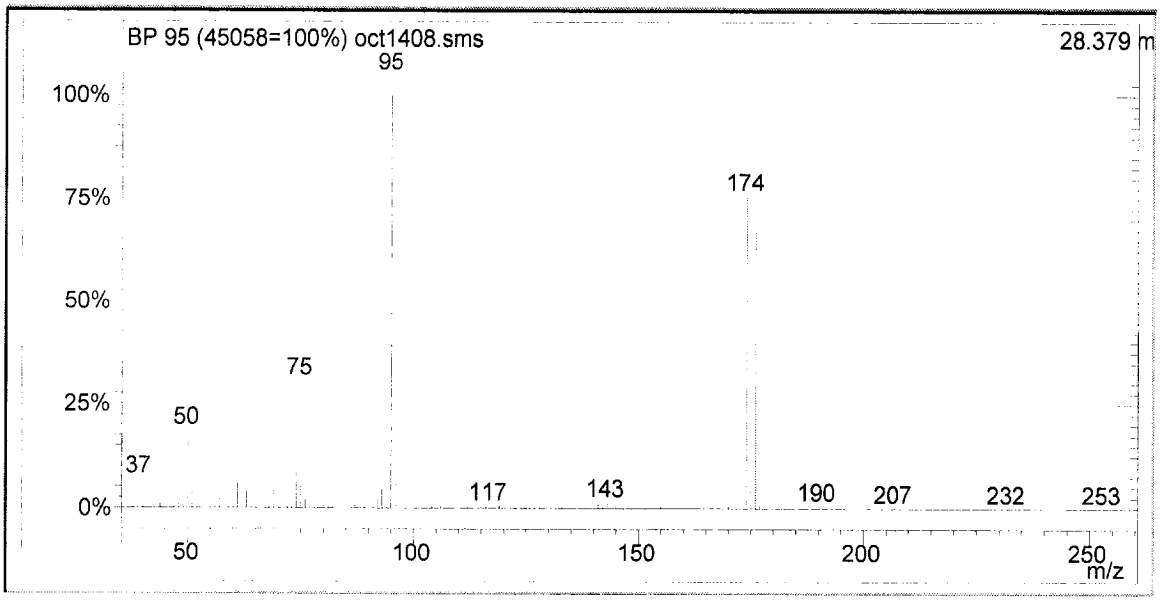
RecalcList: C:\SaturnWS\8260list.rcl

Created: Fri Oct 06 23:10:46 2000
Modified: Wed Oct 23 09:00:53 2002

****

Line	Sample Name	Data File
1	water blank	c:\saturnws\data\6oct02\oct1392.SMS
2	method blank # 1	c:\saturnws\data\6oct02\oct1393.SMS
3	50 ppb 8260 ccv	c:\saturnws\data\6oct02\oct1394.SMS
4	LCS # 1	c:\saturnws\data\6oct02\oct1395.SMS
5	101089-713 5ml	c:\saturnws\data\6oct02\oct1396.SMS
6	101089-714 500ul	c:\saturnws\data\6oct02\oct1397.SMS
7	101089-715 500ul	c:\saturnws\data\6oct02\oct1398.SMS
8	101089-716 5ml	c:\saturnws\data\6oct02\oct1399.SMS
9	100980-236 5ml	c:\saturnws\data\6oct02\oct1400.SMS
10	101022-444 500ul	c:\saturnws\data\6oct02\oct1401.SMS
11	LCS water	c:\saturnws\data\6oct02\oct1402.SMS
12	LCSD water	c:\saturnws\data\6oct02\oct1403.SMS
13	101131-807 5.0g	c:\saturnws\data\6oct02\oct1404.SMS
14	101131-806 0.0192g	c:\saturnws\data\6oct02\oct1405.SMS
15	blank	c:\saturnws\data\6oct02\oct1406.SMS
16	LCS # 2	c:\saturnws\data\6oct02\oct1407.SMS
17	method blank # 2	c:\saturnws\data\6oct02\oct1408.SMS
18	50 ppb 8260 ccv # 2	c:\saturnws\data\6oct02\oct1409.SMS
19	101132-809 100ul	c:\saturnws\data\6oct02\oct1410.SMS
20	101132-810 100ul	c:\saturnws\data\6oct02\oct1411.SMS
21	101132-811 100ul	c:\saturnws\data\6oct02\oct1412.SMS
22	101132-812 100ul	c:\saturnws\data\6oct02\oct1413.SMS
23	101132-814 20ul	c:\saturnws\data\6oct02\oct1414.SMS
24	101132-815 20ul	c:\saturnws\data\6oct02\oct1415.SMS
25	101132-816 20ul	c:\saturnws\data\6oct02\oct1416.SMS
26	101132-817 20ul	c:\saturnws\data\6oct02\oct1417.SMS
27	LCS soil	c:\saturnws\data\6oct02\oct1418.SMS
28	LCSD soil	c:\saturnws\data\6oct02\oct1419.SMS

BFB 8260B Report



Lab File ID oct1408.sms

Injection Date: 10/22/02

Injection Time: 23:38

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	18.68	PASS
75	30-60% of m/z 95	30.81	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	6.25	PASS
173	<2% of m/z 174	0.64	PASS
174	>50% of m/z 95	75.93	PASS
175	5-9% of m/z 174	8.41	PASS
176	>95% but <101% of m/z 174	96.28	PASS
177	5-9% of m/z 176	6.70	PASS

VOLATILE ORGANICS INITIAL CALIBRATION DATA

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No: SDG No:

Instrument ID: GCMS # 6 Calibration Date(s): 8/7/02 8/7/02

Calibration Time(s): 18:30 23:14

Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Index: 1	Level: 1	Replicate: 1	Acquired: 8/7/02 18:30	File: c:\saturnws\data\6aug02\aug1054.sms
Index: 2	Level: 2	Replicate: 1	Acquired: 8/7/02 19:17	File: C:\SaturnWS\data\6aug02\aug1055.SMS
Index: 3	Level: 3	Replicate: 1	Acquired: 8/7/02 20:04	File: C:\SaturnWS\data\6aug02\aug1056.SMS
Index: 4	Level: 4	Replicate: 1	Acquired: 8/7/02 20:51	File: c:\saturnws\data\6aug02\aug1057.sms
Index: 5	Level: 5	Replicate: 1	Acquired: 8/7/02 21:39	File: C:\SaturnWS\data\6aug02\aug1058.SMS
Index: 6	Level: 6	Replicate: 1	Acquired: 8/7/02 22:26	File: C:\SaturnWS\data\6aug02\aug1059.SMS
Index: 7	Level: 7	Replicate: 1	Acquired: 8/7/02 23:14	File: C:\SaturnWS\data\6aug02\aug1060.SMS

RRF = (Area(sample)/(Amount(sample))/(Area(standard)/Amount(standard))

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Dichlorodifluoromethane						0.000		**0.000**	
Chloromethane	0.251	0.196	0.237	0.203	0.190	0.174	0.171	**0.203**	**15.0**
Vinyl Chloride	0.439	0.360	0.477	0.413	0.417	0.426	0.447	**0.425**	**8.5**
Bromomethane	0.237	0.232	0.221	0.175	0.152	0.088	0.094	**0.171**	**36.9**
Trichlorofluoromethane	0.936	0.894	1.005	0.905	0.886	0.890	0.892	**0.915**	**4.7**
Trichlorotrifluoroethane (Freon 113)			0.003	0.002	0.002	0.001	0.001	**0.002**	**47.6**
1,1-Dichloroethene	0.888	0.917	1.056	1.101	0.989	1.009	1.043	**1.000**	**7.6**
Acetone	0.073	0.057	0.053	0.046	0.053	0.048	0.061	**0.056**	**16.3**
Carbon disulfide	0.009	0.003	0.001	0.000	0.000	0.000		**0.002**	**155.4**
Acetonitrile	0.252	0.258	0.251	0.221	0.223	0.203	0.210	**0.231**	**9.5**
Allyl chloride					0.002	0.002	0.002	**0.002**	**4.7**
Methylene Chloride	1.826	1.103	1.052	0.943	0.952	0.932	0.958	**1.110**	**29.0**
tert-Butanol	0.006	0.020	0.021	0.019		0.021		**0.018**	**35.8**

000213

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Methyl-tert-butyl-ether (MTBE)	0.524	0.482	0.493	0.485	0.557	0.560	0.628	0.533	10.0
t-1,2-Dichloroethene	1.064	0.935	0.929	0.770	0.703	0.667	0.623	0.813	20.3
1,1-Dichloroethane	0.674	0.625	0.635	0.567	0.528	0.510	0.492	0.576	12.2
Isopropyl ether	0.893	0.843	0.832	0.746	0.721	0.679	0.675	0.770	11.2
Ethyl-tert-butyl-ether	0.949	0.946	0.921	0.805	0.772	0.725	0.721	0.834	12.2
2,2-Dichloropropane	0.981	0.885	0.916	0.813	0.786	0.778	0.774	0.847	9.5
c-1,2-Dichloroethene	0.860	0.871	0.888	0.829	0.839	0.837	0.856	0.854	2.4
2-Butanone (MEK)	0.087	0.076	0.074	0.066	0.083	0.078	0.095	0.080	11.8
Bromochloromethane	0.471	0.508	0.519	0.490	0.523	0.504	0.539	0.508	4.4
Methacrylonitrile	0.512	0.475	0.493	0.451	0.429	0.425	0.429	0.459	7.6
Chloroform	1.030	1.019	1.060	0.996	1.017	1.024	1.068	1.030	2.4
1,1,1-Trichloroethane	1.307	1.258	1.371	1.261	1.263	1.297	1.350	1.301	3.5
Dibromofluoromethane (Surr1)	0.207	0.217	0.209	0.210	0.212	0.214	0.226	0.214	2.9
Carbon Tetrachloride	0.960	1.004	1.101	1.006	1.013	1.044	1.098	1.032	5.1
1,1-Dichloropropene	0.797	0.624	0.597	0.437	0.391	0.508	0.313	0.524	31.2
Benzene	0.931	0.786	0.791	0.729	0.752	0.751	0.780	0.789	8.4
1,2-Dichloroethane-d4 (Surr2)	0.303	0.295	0.269				0.203	0.268	16.9
1,2-Dichloroethane	0.653	0.630	0.594	0.504	0.483	0.435	0.439	0.534	17.0
tert-Amyl-methyl-ether	1.016	0.951	0.941	0.865	0.898	0.854	0.910	0.919	6.0
Trichloroethene	1.889	1.663	1.754	1.662	1.640	1.601	1.654	1.695	5.7
1,2-Dichloropropane	0.516	0.508	0.479	0.428	0.401	0.376	0.364	0.439	14.2
Dibromomethane	0.578	0.584	0.609	0.552	0.565	0.537	0.571	0.571	4.1
Bromodichloromethane	1.214	1.230	1.232	1.185	1.178	1.175	1.226	1.206	2.1
2-Chloroethyl vinyl ether	0.298	0.286	0.311	0.267	0.285	0.251	0.275	0.282	7.0
c-1,3-Dichloropropene	1.503	1.400	1.382	1.276	1.236	1.201	1.194	1.313	8.9
4-Methyl-2-pentanone	0.389	0.376	0.404	0.361	0.370	0.332	0.352	0.369	6.4
Toluene-d8 (Surr3)	1.490	1.480	1.481	1.430	1.430	1.403	1.386	1.443	2.9
Toluene	4.123	3.621	3.727	3.415	3.323	3.312	3.310	3.547	8.5
t-1,3-Dichloropropene	0.718	0.631	0.627	0.578	0.595	0.002	0.596	0.535	44.8
1,1,2-Trichloroethane	0.578	0.672	0.695	0.661	0.671	0.648	0.679	0.658	5.8
Tetrachloroethene	0.191	0.155	0.156	0.147	0.142	0.142	0.147	0.154	11.0
1,3-Dichloropropane	1.003	0.983	0.989	0.938	0.975	0.948	1.009	0.978	2.7
Dibromochloromethane	0.687	0.735	0.758	0.700	0.738	0.708	0.747	0.725	3.6
1,2-Dibromoethane	0.806	0.783	0.852	0.773	0.824	0.773	0.832	0.806	3.9

000219

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
1-Chlorohexane	3.034	2.639	2.670	2.386	2.319	2.229	2.227	2.501	11.8
Chlorobenzene	2.388	2.020	2.112	1.917	1.918	1.936	1.961	2.036	8.3
Ethylbenzene	10.331	8.560	8.577	8.176	8.206	8.552	8.905	8.758	8.4
1,1,1,2-Tetrachloroethane	24.225	5.781	2.246	1.171	0.787	0.624	0.514	5.050	171.4
p,m-Xylenes	9.172	7.293	7.251	6.846	6.766	7.106	7.425	7.408	11.0
o-Xylene	9.005	7.410	7.569	7.283	7.214	7.447	7.613	7.649	8.0
Styrene	5.401	4.590	4.611	4.452	4.571	4.806	5.044	4.782	7.0
Bromoform	1.136	1.025	1.005	0.946	0.986	0.959	1.004	1.009	6.2
Isopropylbenzene	9.768	8.467	8.494	8.019	7.826	8.078	8.319	8.424	7.6
cis-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
p-Bromofluorobenzene (Surr4)	1.404	1.382	1.344	1.356	1.350	1.368	1.388	1.370	1.6
1,1,2,2-Tetrachloroethane	1.458	1.567	1.507	1.349	1.404	1.386	1.450	1.446	5.1
Bromobenzene	4.000	3.668	3.508	3.266	3.120	3.067	3.051	3.383	10.6
n-Propylbenzene	11.098	9.414	9.619	9.181	9.149	9.467	9.800	9.676	6.9
trans-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
1,2,3-Trichloropropane	1.083	0.999	0.927	0.824	0.825	0.776	0.842	0.897	12.4
2-Chlorotoluene	7.825	6.501	6.151	5.826	5.710	5.782	5.900	6.242	12.0
1,3,5-Trimethylbenzene	9.214	7.748	7.752	7.247	7.070	7.273	7.475	7.683	9.4
4-Chlorotoluene	6.528	5.609	5.569	5.388	5.261	5.270	5.393	5.574	7.9
tert-Butylbenzene	12.564	10.652	10.592	9.794	9.456	9.684	9.530	10.325	10.7
1,2,4-Trimethylbenzene	8.218	7.186	7.075	6.575	6.494	6.574	6.643	6.966	8.8
Pentachloroethane		0.034	0.030	0.032	0.029	0.031	0.033	0.031	5.8
sec-Butylbenzene	9.996	8.283	8.328	7.913	7.738	7.890	7.816	8.280	9.5
4-Isopropyltoluene	6.605	5.598	5.590	5.099	4.902	4.961	4.948	5.386	11.4
1,3-Dichlorobenzene	3.957	3.742	3.706	3.528	3.439	3.407	3.451	3.604	5.7
1,4-Dichlorobenzene	4.021	3.479	3.377	3.287	3.257	3.227	3.239	3.412	8.3
Benzyl Chloride	5.145	4.341	4.321	4.052	3.981	4.030	3.997	4.267	9.7
n-Butylbenzene	7.021	5.980	6.124	5.938	5.964	6.192	6.250	6.210	6.1
1,2-Dichlorobenzene	3.323	3.326	3.220	3.096	3.169	3.164	3.256	3.222	2.7
1,2-Dibromo-3-chloropropane	0.493	0.423	0.460	0.440	0.480	0.453	0.520	0.467	7.1
1,2,4-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1
Hexachlorobutadiene	1.531	1.225	1.202	1.165	1.166	1.177	1.223	1.241	10.5
Naphthalene	1.598	1.418	1.353	1.358	1.524	1.531	1.749	1.504	9.5
1,2,3-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1

000220

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 10/23/02 Time: 0:26

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Lab File ID: c:\saturnws\data\6oct02\oct1409.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.001	0.100	-70.5	20.0
Chloromethane	0.203	0.225	0.100	-10.9	20.0
Vinyl Chloride	0.425	0.400	0.100	6.0	20.0
Bromomethane	0.171	0.098	0.100	42.8	20.0
Trichlorofluoromethane	0.915	0.985	0.100	-7.6	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.008	0.100	-0.8	20.0
Acetone	0.056	0.059	0.100	-5.2	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.259	0.100	-11.9	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	0.977	0.100	12.0	20.0
tert-Butanol	0.018	0.127	0.100	-624.2	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.472	0.100	11.4	20.0
t-1,2-Dichloroethene	0.813	0.889	0.100	-9.3	20.0
1,1-Dichloroethane	0.576	0.630	0.100	-9.4	20.0
Isopropyl ether	0.770	0.864	0.100	-12.3	20.0
Ethyl-tert-butyl-ether	0.834	0.944	0.100	-13.2	20.0
2,2-Dichloropropane	0.847	0.858	0.100	-1.2	20.0
c-1,2-Dichloroethene	0.854	0.875	0.100	-2.4	20.0
2-Butanone (MEK)	0.080	0.000	0.100	100.0	20.0
Bromochloromethane	0.508	0.512	0.100	-0.8	20.0
Methacrylonitrile	0.459	0.487	0.100	-6.0	20.0
Chloroform	1.030	1.036	0.100	-0.6	20.0
1,1,1-Trichloroethane	1.301	1.352	0.100	-3.9	20.0
Dibromofluoromethane (Surr1)	0.214	0.232	0.100	-8.5	20.0
Carbon Tetrachloride	1.032	1.056	0.100	-2.3	20.0
1,1-Dichloropropene	0.524	0.317	0.100	39.5	20.0
Benzene	0.789	0.749	0.100	5.0	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.272	0.100	-1.7	20.0
1,2-Dichloroethane	0.534	0.590	0.100	-10.4	20.0
tert-Amyl-methyl-ether	0.919	0.923	0.100	-0.4	20.0
Trichloroethene	1.695	1.698	0.100	-0.2	20.0
1,2-Dichloropropane	0.439	0.471	0.100	-7.2	20.0
Dibromomethane	0.571	0.596	0.100	-4.5	20.0
Bromodichloromethane	1.206	1.194	0.100	1.0	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.000	0.100	100.0	20.0
c-1,3-Dichloropropene	1.313	1.245	0.100	5.2	20.0
4-Methyl-2-pentanone	0.369	0.000	0.100	100.0	20.0
Toluene-d8 (Surr3)	1.443	1.459	0.100	-1.1	20.0
Toluene	3.547	3.615	0.100	-1.9	20.0
t-1,3-Dichloropropene	0.535	0.557	0.100	-4.1	20.0
1,1,2-Trichloroethane	0.658	0.678	0.100	-3.1	20.0
Tetrachloroethene	0.154	0.147	0.100	4.7	20.0
1,3-Dichloropropane	0.978	0.942	0.100	3.7	20.0
Dibromochloromethane	0.725	0.738	0.100	-1.8	20.0
1,2-Dibromoethane	0.806	0.816	0.100	-1.3	20.0
1-Chlorohexane	2.501	2.498	0.100	0.1	20.0
Chlorobenzene	2.036	1.945	0.100	4.5	20.0
Ethylbenzene	8.758	7.853	0.100	10.3	20.0
1,1,1,2-Tetrachloroethane	5.050	2.183	0.100	56.8	20.0
p,m-Xylenes	7.408	6.701	0.100	9.5	20.0
o-Xylene	7.649	6.936	0.100	9.3	20.0
Styrene	4.782	4.365	0.100	8.7	20.0
Bromoform	1.009	1.007	0.100	0.2	20.0
Isopropylbenzene	8.424	8.287	0.100	1.6	20.0
cis-1,4-Dichloro-2-butene	0.612	0.593	0.100	3.2	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.431	0.100	-4.5	20.0
1,1,2,2-Tetrachloroethane	1.446	1.419	0.100	1.9	20.0
Bromobenzene	3.383	3.178	0.100	6.1	20.0
n-Propylbenzene	9.676	9.104	0.100	5.9	20.0
trans-1,4-Dichloro-2-butene	0.612	0.593	0.100	3.2	20.0
1,2,3-Trichloropropane	0.897	0.899	0.100	-0.3	20.0
2-Chlorotoluene	6.242	5.770	0.100	7.6	20.0
1,3,5-Trimethylbenzene	7.683	7.685	0.100	0.0	20.0
4-Chlorotoluene	5.574	5.139	0.100	7.8	20.0
tert-Butylbenzene	10.325	10.570	0.100	-2.4	20.0
1,2,4-Trimethylbenzene	6.966	7.130	0.100	-2.4	20.0
Pentachloroethane	0.031	0.030	0.100	4.2	20.0
sec-Butylbenzene	8.280	8.198	0.100	1.0	20.0
4-Isopropyltoluene	5.386	5.449	0.100	-1.2	20.0
1,3-Dichlorobenzene	3.604	3.442	0.100	4.5	20.0
1,4-Dichlorobenzene	3.412	3.129	0.100	8.3	20.0
Benzyl Chloride	4.267	4.218	0.100	1.1	20.0
n-Butylbenzene	6.210	5.987	0.100	3.6	20.0
1,2-Dichlorobenzene	3.222	3.012	0.100	6.5	20.0
1,2-Dibromo-3-chloropropane	0.467	0.451	0.100	3.3	20.0
1,2,4-Trichlorobenzene	1.625	1.324	0.100	18.5	20.0
Hexachlorobutadiene	1.241	1.173	0.100	5.5	20.0
Naphthalene	1.504	1.377	0.100	8.5	20.0
1,2,3-Trichlorobenzene	1.625	1.324	0.100	18.5	20.0

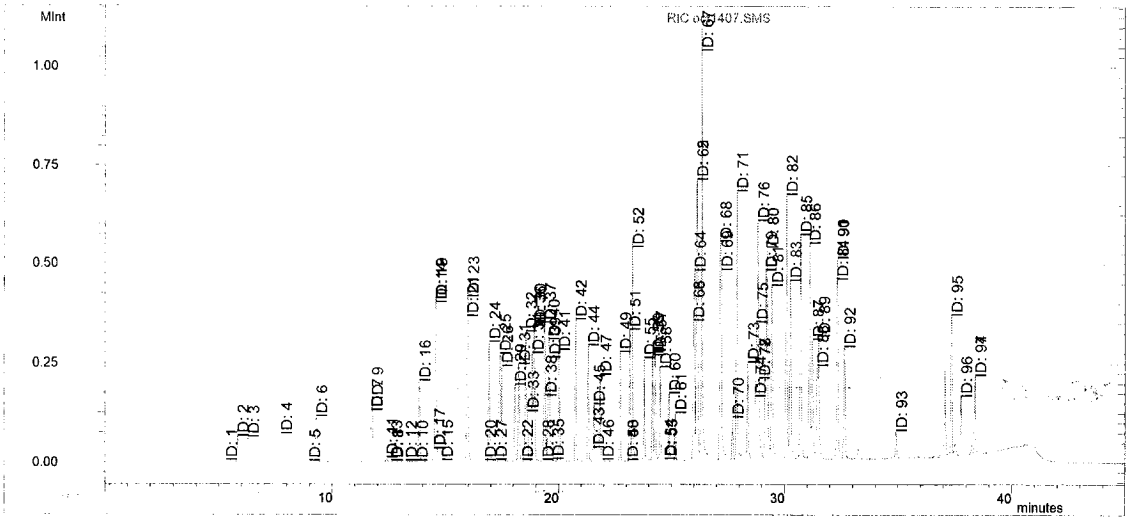
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1407.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 2 **Acquisition Dat** 10/22/02 10:51:52 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.018	96+70	Fluorobenzene (IS1)	999	457809	50.000
63	25.966	117	Chlorobenzene-d5(IS2)	988	289585	50.000
88	31.446	152	1,4-Dichlorobenzene-d4(IS3)	969	134956	50.000
1	5.334	85	Dichlorodifluoromethane	529	199	61.557
2	5.831	50+52	Chloromethane	992	103186	55.457
3	6.284	62+64	Vinyl Chloride	998	189070	48.531
4	7.740	94+96	Bromomethane	966	64075	40.875
5	8.987	49	Chloroethane	118	0	0.000
6	9.286	101+103	Trichlorofluoromethane	994	466572	55.664
7	11.728	101+151	Trichlorotrifluoroethane (Freon 113)	726	0	0.000
8	12.643	56	Acrolein	588	0	0.000
9	11.748	96+61+98	1,1-Dichloroethene	992	474457	51.806
10	13.720	142	Iodomethane	661	0	0.000
11	12.400	43+58	Acetone	956	30671	59.989
12	13.246	45	Isopropyl alcohol (2-Propanol)	550	0	0.000
13	12.603	76	Carbon disulfide	590	0	0.000
14	14.552	41	Acetonitrile	673	128789	60.844
15	14.840	41	Allyl chloride	382	0	0.000
16	13.842	84+49+86	Methylene Chloride	999	471846	46.443
17	14.485	59	tert-Butanol	594	62197	386.646
18	14.553	73	Methyl-tert-butyl-ether (MTBE)	925	233866	47.945
19	14.567	61+96	t-1,2-Dichloroethene	977	435024	58.442
20	16.737	53	Acrylonitrile	637	0	0.000
21	15.948	63	1,1-Dichloroethane	981	301453	57.171
22	18.391	43	Vinyl acetate	463	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.975	45	Isopropyl ether	997	418857	59.433
24	16.918	59	Ethyl-tert-butyl-ether	999	451989	59.175
25	17.396	77+41	2,2-Dichloropropane	993	411933	53.093
26	17.489	61+96	c-1,2-Dichloroethene	993	417785	53.418
27	17.217	43+72	2-Butanone (MEK)	350	0	0.000
28	19.298	54	Propionitrile	360	0	0.000
29	18.074	130+49	Bromochloromethane	990	250153	53.825
30	18.924	39	Methacrylonitrile	997	230211	54.752
31	18.246	83+85	Chloroform	999	498685	52.860
32	18.553	97+99	1,1,1-Trichloroethane	983	630652	52.947
33	18.624	111	Dibromofluoromethane (Surr1)	954	105230	53.810
34	18.841	117+119	Carbon Tetrachloride	965	501710	53.074
35	19.741	42+72	Tetrahydrofuran	594	0	0.000
36	18.926	75+39	1,1-Dichloropropene	993	237071	49.428
37	19.379	78	Benzene	996	363027	50.283
38	19.422	65	1,2-Dichloroethane-d4 (Surr2)	985	129607	52.999
39	19.589	62+64	1,2-Dichloroethane	981	288743	59.034
40	19.552	73+55+87	tert-Amyl-methyl-ether	971	456892	54.288
42	20.749	130+132+95	Trichloroethene	987	503916	51.340
43	21.530	41	Methyl methacrylate	546	0	0.000
44	21.313	63+65	1,2-Dichloropropane	999	145227	57.115
45	21.565	93+174	Dibromomethane	952	181609	54.922
46	21.949	88	1,4-Dioxane	628	0	0.000
47	21.841	83+85	Bromodichloromethane	991	359078	51.425
48	23.045	63+43	2-Chloroethyl vinyl ether	322	0	0.000
49	22.714	75+77+39	c-1,3-Dichloropropene	983	385949	50.738
50	23.045	43+58	4-Methyl-2-pentanone	321	0	0.000
51	23.145	98	Toluene-d8 (Surr3)	993	408861	48.927
52	23.277	92+91	Toluene	996	1051888	51.198
53	24.762	69	Ethyl methacrylate	523	0	0.000
54	24.699	43+58+100	2-Hexanone	323	0	0.000
55	23.807	75+77	t-1,3-Dichloropropene	671	169084	54.551
56	24.170	97+99	1,1,2-Trichloroethane	971	206535	54.206
57	24.281	164+166	Tetrachloroethene	946	43607	48.791
58	24.508	76+41	1,3-Dichloropropane	986	292412	51.634
59	24.171	43	Isobutyl alcohol	261	0	0.000
60	24.895	129+127	Dibromochloromethane	957	225183	53.652
61	25.167	107+109	1,2-Dibromoethane	982	247255	52.962
62	26.124	91	1-Chlorohexane	996	767955	53.028
64	26.022	112+114	Chlorobenzene	994	604994	51.308
65	26.124	106+91	Ethylbenzene	996	1102173	46.624
66	25.966	131+117	1,1,1,2-Tetrachloroethane	995	289651	21.252
67	26.342	106+91	p,m-Xylenes	992	1867213	93.380
68	27.159	106+91	o-Xylene	996	994700	48.181
69	27.206	104+78	Styrene	985	599009	46.406
70	27.710	171+173+175	Bromoform	931	140603	51.649
71	27.883	105+120	Isopropylbenzene	999	1132622	49.810
72	28.880	75	cis-1,4-Dichloro-2-butene	969	83886	50.772
73	28.377	95	p-Bromofluorobenzene (Surr4)	988	188958	51.091
74	28.706	83+85	1,1,2,2-Tetrachloroethane	975	200698	51.429
75	28.766	77+158	Bromobenzene	985	445485	48.787
76	28.824	91+120	n-Propylbenzene	995	1251857	47.935

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.880	75	trans-1,4-Dichloro-2-butene	967	83886	50.772
78	28.880	75+110	1,2,3-Trichloropropane	967	127390	52.637
79	29.167	91+126	2-Chlorotoluene	991	803930	47.716
80	29.243	105+120	1,3,5-Trimethylbenzene	997	1040762	50.191
81	29.451	91+126	4-Chlorotoluene	991	745340	49.539
82	30.089	119+91	tert-Butylbenzene	986	1413813	50.734
83	30.261	105+120	1,2,4-Trimethylbenzene	994	962632	51.196
84	32.327	117	Pentachloroethane	990	4769	56.488
85	30.707	105+134	sec-Butylbenzene	996	1131195	50.613
86	31.102	119	4-Isopropyltoluene	986	752067	51.731
87	31.238	146+148	1,3-Dichlorobenzene	991	481851	49.530
89	31.518	146+148	1,4-Dichlorobenzene	983	433603	47.076
90	32.338	91	Benzyl Chloride	991	586126	50.895
91	32.338	91+134	n-Butylbenzene	991	829644	49.499
92	32.652	146+148	1,2-Dichlorobenzene	985	421461	48.466
93	34.927	75+157	1,2-Dibromo-3-chloropropane	963	64310	51.017
94	38.409	180+182	1,2,4-Trichlorobenzene	957	187417	42.730
95	37.367	225+226	Hexachlorobutadiene	937	162796	48.589
96	37.788	128	Naphthalene	980	193503	47.654
97	38.409	180+182	1,2,3-Trichlorobenzene	835	187417	42.730

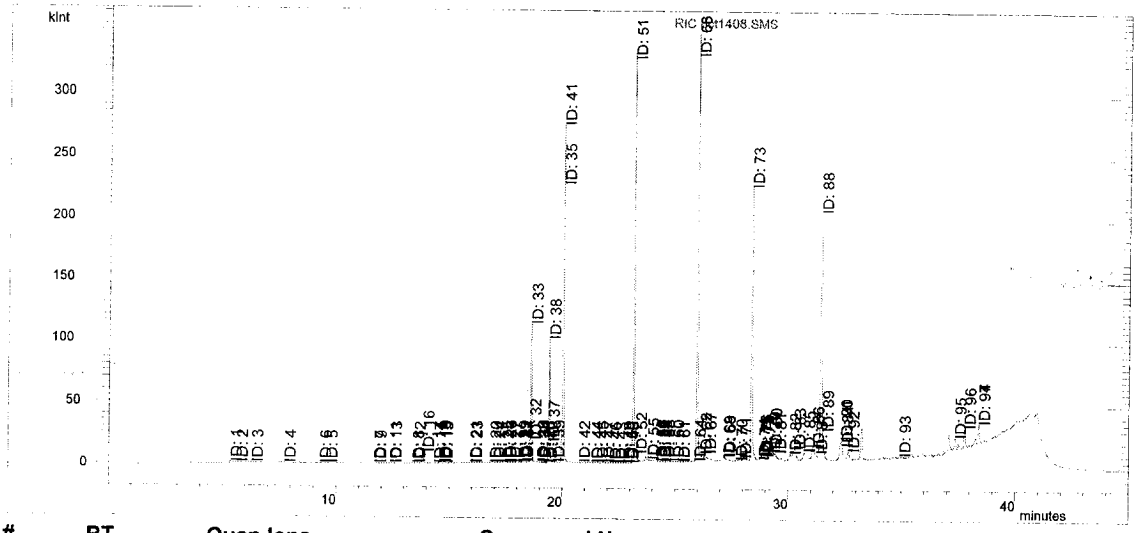
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1408.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 2 **Acquisition Dat** 10/22/02 11:38:56 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.013	96+70	Fluorobenzene (IS1)	998	445989	50.000
63	25.963	117	Chlorobenzene-d5(IS2)	983	280422	50.000
88	31.443	152	1,4-Dichlorobenzene-d4(IS3)	968	122694	50.000
1	5.356	85	Dichlorodifluoromethane	42	0	0.000
2	5.628	50+52	Chloromethane	600	0	0.000
3	6.294	62+64	Vinyl Chloride	784	0	0.000
4	7.743	94+96	Bromomethane	896	0	0.000
5	9.578	49	Chloroethane	109	0	0.000
6	9.294	101+103	Trichlorofluoromethane	879	0	0.000
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	654	0	0.000
8	13.397	56	Acrolein	496	0	0.000
9	11.741	96+61+98	1,1-Dichloroethene	910	808	0.091
10	14.593	142	Iodomethane	100	0	0.000
11	12.383	43+58	Acetone	643	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	215	0	0.000
13	12.423	76	Carbon disulfide	701	0	0.000
14	14.336	41	Acetonitrile	565	0	0.000
15	14.680	41	Allyl chloride	111	0	0.000
16	13.836	84+49+86	Methylene Chloride	989	21377	2.160
17	14.336	59	tert-Butanol	456	0	0.000
18	14.566	73	Methyl-tert-butyl-ether (MTBE)	848	521	0.110
19	14.565	61+96	t-1,2-Dichloroethene	911	0	0.000
20	16.822	53	Acrylonitrile	586	0	0.000
21	15.938	63	1,1-Dichloroethane	757	0	0.000
22	18.168	43	Vinyl acetate	362	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.978	45	Isopropyl ether	615	0	0.000
24	16.976	59	Ethyl-tert-butyl-ether	715	0	0.000
25	17.335	77+41	2,2-Dichloropropane	461	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	910	0	0.000
27	17.694	43+72	2-Butanone (MEK)	251	0	0.000
28	19.172	54	Propionitrile	651	0	0.000
29	18.065	130+49	Bromochloromethane	893	0	0.000
30	18.916	39	Methacrylonitrile	759	0	0.000
31	18.239	83+85	Chloroform	956	2087	0.227
32	18.578	97+99	1,1,1-Trichloroethane	542	0	0.000
33	18.619	111	Dibromofluoromethane (Surr1)	836	101933	53.505
34	19.018	117+119	Carbon Tetrachloride	701	0	0.000
35	20.025	42+72	Tetrahydrofuran	323	727	726.905
36	18.926	75+39	1,1-Dichloropropene	557	100	0.021
37	19.377	78	Benzene	861	0	0.000
38	19.415	65	1,2-Dichloroethane-d4 (Surr2)	950	142795	59.940
39	19.600	62+64	1,2-Dichloroethane	590	0	0.000
40	19.275	73+55+87	tert-Amyl-methyl-ether	521	0	0.000
42	20.742	130+132+95	Trichloroethene	899	516	0.054
43	22.387	41	Methyl methacrylate	552	0	0.000
44	21.310	63+65	1,2-Dichloropropane	532	0	0.000
45	21.554	93+174	Dibromomethane	848	0	0.000
46	22.107	88	1,4-Dioxane	321	0	0.000
47	21.835	83+85	Bromodichloromethane	891	0	0.000
48	22.900	63+43	2-Chloroethyl vinyl ether	268	0	0.000
49	22.722	75+77+39	c-1,3-Dichloropropene	809	0	0.000
50	22.849	43+58	4-Methyl-2-pentanone	267	0	0.000
51	23.140	98	Toluene-d8 (Surr3)	993	410822	50.768
52	23.274	92+91	Toluene	912	4027	0.202
53	24.497	69	Ethyl methacrylate	557	0	0.000
54	24.371	43+58+100	2-Hexanone	385	0	0.000
55	23.807	75+77	t-1,3-Dichloropropene	599	0	0.000
56	24.178	97+99	1,1,2-Trichloroethane	829	0	0.000
57	24.292	164+166	Tetrachloroethene	762	0	0.000
58	24.509	76+41	1,3-Dichloropropane	618	0	0.000
59	24.371	43	Isobutyl alcohol	385	0	0.000
60	24.896	129+127	Dibromochloromethane	860	0	0.000
61	25.164	107+109	1,2-Dibromoethane	805	0	0.000
62	26.133	91	1-Chlorohexane	979	0	0.000
64	25.871	112+114	Chlorobenzene	737	0	0.000
65	26.133	106+91	Ethylbenzene	979	0	0.000
66	25.963	131+117	1,1,1,2-Tetrachloroethane	989	280274	22.619
67	26.341	106+91	p,m-Xylenes	984	0	0.000
68	27.161	106+91	o-Xylene	971	0	0.000
69	27.205	104+78	Styrene	939	1674	0.143
70	27.713	171+173+175	Bromoform	809	0	0.000
71	27.884	105+120	Isopropylbenzene	989	3081	0.149
72	28.895	75	cis-1,4-Dichloro-2-butene	742	0	0.000
73	28.374	95	p-Bromofluorobenzene (Surr4)	988	178316	53.032
74	28.703	83+85	1,1,2,2-Tetrachloroethane	681	0	0.000
75	28.766	77+158	Bromobenzene	969	0	0.000
76	28.821	91+120	n-Propylbenzene	971	3740	0.158

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.895	75	trans-1,4-Dichloro-2-butene	702	0	0.000
78	28.895	75+110	1,2,3-Trichloropropane	702	0	0.000
79	29.166	91+126	2-Chlorotoluene	954	0	0.000
80	29.239	105+120	1,3,5-Trimethylbenzene	971	12919	0.685
81	29.439	91+126	4-Chlorotoluene	973	0	0.000
82	30.085	119+91	tert-Butylbenzene	985	6129	0.242
83	30.286	105+120	1,2,4-Trimethylbenzene	993	5842	0.342
84	32.391	117	Pentachloroethane	987	0	0.000
85	30.706	105+134	sec-Butylbenzene	996	12668	0.623
86	31.105	119	4-Isopropyltoluene	984	8367	0.633
87	31.243	146+148	1,3-Dichlorobenzene	943	4993	0.565
89	31.523	146+148	1,4-Dichlorobenzene	626	8255	0.986
90	32.345	91	Benzyl Chloride	989	20394	1.948
91	32.344	91+134	n-Butylbenzene	989	29273	1.921
92	32.661	146+148	1,2-Dichlorobenzene	972	7188	0.909
93	34.938	75+157	1,2-Dibromo-3-chloropropane	846	0	0.000
94	38.413	180+182	1,2,4-Trichlorobenzene	962	13258	3.325
95	37.371	225+226	Hexachlorobutadiene	946	4285	1.407
96	37.791	128	Naphthalene	971	20905	5.663
97	38.413	180+182	1,2,3-Trichlorobenzene	830	13258	3.325

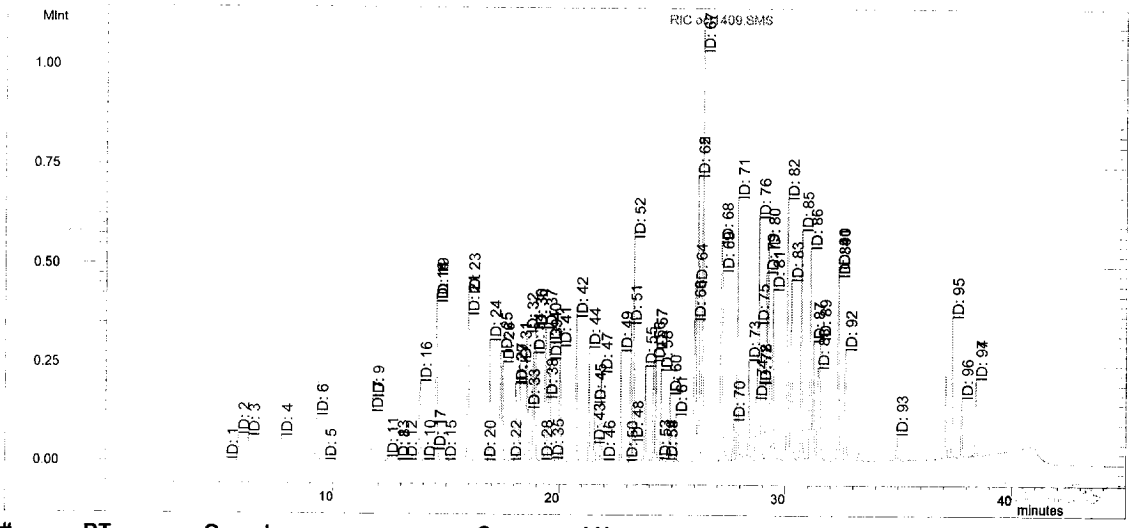
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1409.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv # 2 **Acquisition Dat** 10/23/02 12:26:06 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.017	96+70	Fluorobenzene (IS1)	999	483195	50.000
63	25.967	117	Chlorobenzene-d5(IS2)	991	303035	50.000
88	31.446	152	1,4-Dichlorobenzene-d4(IS3)	967	138529	50.000
1	5.334	85	Dichlorodifluoromethane	493	292	85.243
2	5.824	50+52	Chloromethane	993	108894	55.450
3	6.276	62+64	Vinyl Chloride	999	193197	46.985
4	7.729	94+96	Bromomethane	950	47348	28.617
5	9.654	49	Chloroethane	114	0	0.000
6	9.277	101+103	Trichlorofluoromethane	993	476033	53.809
7	11.719	101+151	Trichlorotrifluoroethane (Freon 113)	681	0	0.000
8	12.879	56	Acrolein	584	0	0.000
9	11.742	96+61+98	1,1-Dichloroethene	992	487088	50.391
10	14.027	142	Iodomethane	412	0	0.000
11	12.384	43+58	Acetone	945	28381	52.595
12	13.215	45	Isopropyl alcohol (2-Propanol)	564	0	0.000
13	12.855	76	Carbon disulfide	508	0	0.000
14	14.548	41	Acetonitrile	685	124978	55.941
15	14.949	41	Allyl chloride	452	0	0.000
16	13.839	84+49+86	Methylene Chloride	999	472065	44.023
17	14.474	59	tert-Butanol	591	61476	362.085
18	14.548	73	Methyl-tert-butyl-ether (MTBE)	914	228089	44.304
19	14.562	61+96	t-1,2-Dichloroethene	988	429418	54.658
20	16.679	53	Acrylonitrile	379	0	0.000
21	15.946	63	1,1-Dichloroethane	983	304476	54.710
22	17.837	43	Vinyl acetate	510	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.971	45	Isopropyl ether	980	417493	56.127
24	16.916	59	Ethyl-tert-butyl-ether	999	456259	56.596
25	17.394	77+41	2,2-Dichloropropane	993	414476	50.614
26	17.486	61+96	c-1,2-Dichloroethene	990	422672	51.203
27	18.071	43+72	2-Butanone (MEK)	210	0	0.000
28	19.212	54	Propionitrile	552	0	0.000
29	18.072	130+49	Bromochloromethane	991	247253	50.406
30	18.923	39	Methacrylonitrile	993	235303	53.023
31	18.244	83+85	Chloroform	1000	500747	50.290
32	18.551	97+99	1,1,1-Trichloroethane	982	653039	51.946
33	18.622	111	Dibromofluoromethane (Surr1)	940	111936	54.231
34	18.839	117+119	Carbon Tetrachloride	966	510315	51.148
35	19.706	42+72	Tetrahydrofuran	587	0	0.000
36	18.924	75+39	1,1-Dichloropropene	993	153166	30.257
37	19.377	78	Benzene	997	362126	47.523
38	19.421	65	1,2-Dichloroethane-d4 (Surr2)	989	131232	50.844
39	19.588	62+64	1,2-Dichloroethane	973	284984	55.204
40	19.552	73+55+87	tert-Amyl-methyl-ether	972	445758	50.182
42	20.747	130+132+95	Trichloroethene	988	514696	50.111
43	21.534	41	Methyl methacrylate	527	0	0.000
44	21.313	63+65	1,2-Dichloropropane	999	142654	53.613
45	21.563	93+174	Dibromomethane	957	180715	52.226
46	21.988	88	1,4-Dioxane	705	16	15.747
47	21.839	83+85	Bromodichloromethane	991	361693	49.500
48	23.234	63+43	2-Chloroethyl vinyl ether	304	0	0.000
49	22.714	75+77+39	c-1,3-Dichloropropene	991	377191	47.386
50	22.985	43+58	4-Methyl-2-pentanone	292	0	0.000
51	23.145	98	Toluene-d8 (Surr3)	993	442103	50.557
52	23.277	92+91	Toluene	996	1095461	50.952
53	24.452	69	Ethyl methacrylate	458	0	0.000
54	24.763	43+58+100	2-Hexanone	383	0	0.000
55	23.808	75+77	t-1,3-Dichloropropene	669	168744	52.025
56	24.170	97+99	1,1,2-Trichloroethane	971	205563	51.556
57	24.282	164+166	Tetrachloroethene	945	44587	47.673
58	24.509	76+41	1,3-Dichloropropane	987	285445	48.167
59	24.751	43	Isobutyl alcohol	441	0	0.000
60	24.896	129+127	Dibromochloromethane	953	223516	50.891
61	25.167	107+109	1,2-Dibromoethane	984	247336	50.628
62	26.124	91	1-Chlorohexane	997	756848	49.941
64	26.023	112+114	Chlorobenzene	993	589357	47.763
65	26.125	106+91	Ethylbenzene	997	1087878	44.832
66	25.967	131+117	1,1,1,2-Tetrachloroethane	996	302416	21.616
67	26.343	106+91	p,m-Xylenes	992	1856640	90.456
68	27.159	106+91	o-Xylene	996	960826	45.340
69	27.206	104+78	Styrene	985	604675	45.637
70	27.711	171+173+175	Bromoform	921	139435	49.899
71	27.884	105+120	Isopropylbenzene	999	1147986	49.184
72	28.883	75	cis-1,4-Dichloro-2-butene	969	82127	48.424
73	28.378	95	p-Bromofluorobenzene (Surr4)	987	198295	52.233
74	28.708	83+85	1,1,2,2-Tetrachloroethane	973	196528	49.061
75	28.767	77+158	Bromobenzene	976	440286	46.974
76	28.824	91+120	n-Propylbenzene	996	1261150	47.045

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.883	75	trans-1,4-Dichloro-2-butene	966	82127	48.424
78	28.883	75+110	1,2,3-Trichloropropane	966	124542	50.132
79	29.168	91+126	2-Chlorotoluene	991	799367	46.221
80	29.243	105+120	1,3,5-Trimethylbenzene	997	1064594	50.016
81	29.452	91+126	4-Chlorotoluene	992	711858	46.093
82	30.089	119+91	tert-Butylbenzene	985	1464297	51.190
83	30.261	105+120	1,2,4-Trimethylbenzene	995	987778	51.178
84	32.345	117	Pentachloroethane	991	4149	47.880
85	30.709	105+134	sec-Butylbenzene	996	1135686	49.503
86	31.104	119	4-Isopropyltoluene	987	754797	50.579
87	31.241	146+148	1,3-Dichlorobenzene	990	476775	47.744
89	31.519	146+148	1,4-Dichlorobenzene	984	433502	45.851
90	32.339	91	Benzyl Chloride	992	584383	49.435
91	32.339	91+134	n-Butylbenzene	991	829341	48.204
92	32.653	146+148	1,2-Dichlorobenzene	985	417193	46.738
93	34.929	75+157	1,2-Dibromo-3-chloropropane	964	62530	48.325
94	38.410	180+182	1,2,4-Trichlorobenzene	966	183440	40.745
95	37.369	225+226	Hexachlorobutadiene	934	162555	47.265
96	37.789	128	Naphthalene	979	190693	45.750
97	38.410	180+182	1,2,3-Trichlorobenzene	870	183440	40.745

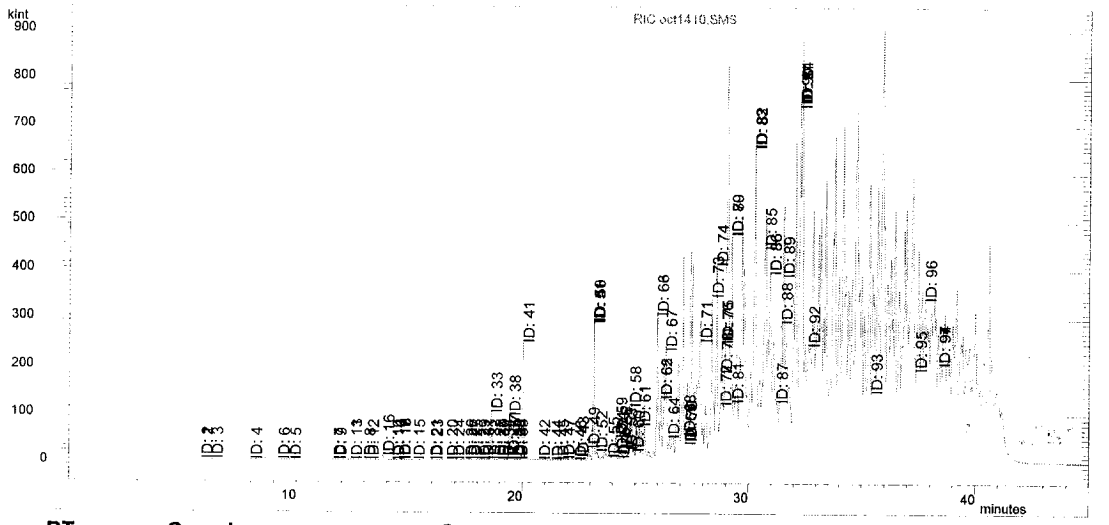
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1410.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 101132-809 100ul **Acquisition Dat** 10/23/02 1:12:54 AM

Inj. Notes: 5.0g -> 10ml dil. 1:100 **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.014	96+70	Fluorobenzene (IS1)	999	406914	50.000
63	25.965	117	Chlorobenzene-d5(IS2)	980	252022	50.000
88	31.446	152	1,4-Dichlorobenzene-d4(IS3)	974	101403	50.000
1	5.833	85	Dichlorodifluoromethane	105	0	0.000
2	5.824	50+52	Chloromethane	764	1018	0.616
3	6.295	62+64	Vinyl Chloride	742	0	0.000
4	8.011	94+96	Bromomethane	429	0	0.000
5	9.731	49	Chloroethane	510	0	0.000
6	9.219	101+103	Trichlorofluoromethane	846	0	0.000
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	660	0	0.000
8	13.015	56	Acrolein	498	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	923	0	0.000
10	14.246	142	Iodomethane	721	0	0.000
11	12.422	43+58	Acetone	814	1147	2.525
12	13.169	45	Isopropyl alcohol (2-Propanol)	448	0	0.000
13	12.417	76	Carbon disulfide	720	473	26.946
14	14.297	41	Acetonitrile	695	0	0.000
15	15.193	41	Allyl chloride	377	0	0.000
16	13.842	84+49+86	Methylene Chloride	992	22153	2.453
17	14.553	59	tert-Butanol	375	0	0.000
18	14.573	73	Methyl-tert-butyl-ether (MTBE)	884	1940	0.447
19	14.553	61+96	t-1,2-Dichloroethene	895	0	0.000
20	16.657	53	Acrylonitrile	560	0	0.000
21	15.938	63	1,1-Dichloroethane	693	0	0.000
22	18.776	43	Vinyl acetate	407	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.002	45	Isopropyl ether	519	0	0.000
24	16.953	59	Ethyl-tert-butyl-ether	727	0	0.000
25	17.734	77+41	2,2-Dichloropropane	548	0	0.000
26	17.489	61+96	c-1,2-Dichloroethene	916	0	0.000
27	17.624	43+72	2-Butanone (MEK)	866	1862	2.859
28	19.651	54	Propionitrile	693	0	0.000
29	18.072	130+49	Bromochloromethane	886	502	0.122
30	18.914	39	Methacrylonitrile	659	0	0.000
31	18.247	83+85	Chloroform	954	1700	0.203
32	18.543	97+99	1,1,1-Trichloroethane	657	0	0.000
33	18.623	111	Dibromofluoromethane (Surr1)	771	90107	51.839
34	19.159	117+119	Carbon Tetrachloride	566	0	0.000
35	19.741	42+72	Tetrahydrofuran	757	0	0.000
36	18.924	75+39	1,1-Dichloropropene	763	156	0.037
37	19.377	78	Benzene	853	1035	0.161
38	19.418	65	1,2-Dichloroethane-d4 (Surr2)	953	126992	58.425
39	19.588	62+64	1,2-Dichloroethane	666	0	0.000
40	19.572	73+55+87	tert-Amyl-methyl-ether	555	0	0.000
42	20.747	130+132+95	Trichloroethene	871	0	0.000
43	22.446	41	Methyl methacrylate	345	3021	3021.119
44	21.312	63+65	1,2-Dichloropropane	538	0	0.000
45	21.568	93+174	Dibromomethane	852	0	0.000
46	22.337	88	1,4-Dioxane	393	11	11.432
47	21.836	83+85	Bromodichloromethane	695	0	0.000
48	23.140	63+43	2-Chloroethyl vinyl ether	212	0	0.000
49	22.935	75+77+39	c-1,3-Dichloropropene	488	5535	0.836
50	23.140	43+58	4-Methyl-2-pentanone	210	0	0.000
51	23.145	98	Toluene-d8 (Surr3)	997	361894	49.762
52	23.279	92+91	Toluene	832	7849	0.439
53	24.601	69	Ethyl methacrylate	622	7469	7469.336
54	24.188	43+58+100	2-Hexanone	607	0	0.000
55	23.818	75+77	t-1,3-Dichloropropene	579	0	0.000
56	24.384	97+99	1,1,2-Trichloroethane	758	2216	0.668
57	24.276	164+166	Tetrachloroethene	710	0	0.000
58	24.764	76+41	1,3-Dichloropropane	475	18403	3.734
59	24.155	43	Isobutyl alcohol	646	20164	20163.850
60	24.904	129+127	Dibromochloromethane	456	0	0.000
61	25.186	107+109	1,2-Dibromoethane	801	0	0.000
62	26.126	91	1-Chlorohexane	897	35910	2.849
64	26.474	112+114	Chlorobenzene	353	0	0.000
65	26.126	106+91	Ethylbenzene	897	50330	2.834
66	25.965	131+117	1,1,1,2-Tetrachloroethane	988	251791	24.587
67	26.342	106+91	p,m-Xylenes	961	150423	10.012
68	27.164	106+91	o-Xylene	676	0	0.000
69	27.216	104+78	Styrene	839	0	0.000
70	27.244	171+173+175	Bromoform	219	0	0.000
71	27.884	105+120	Isopropylbenzene	934	80765	4.727
72	28.767	75	cis-1,4-Dichloro-2-butene	592	0	0.000
73	28.379	95	p-Bromofluorobenzene (Surr4)	978	179353	64.540
74	28.576	83+85	1,1,2,2-Tetrachloroethane	533	71540	24.398
75	28.822	77+158	Bromobenzene	860	0	0.000
76	28.824	91+120	n-Propylbenzene	963	148173	7.551

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.767	75	trans-1,4-Dichloro-2-butene	564	0	0.000
78	28.795	75+110	1,2,3-Trichloropropane	564	0	0.000
79	29.243	91+126	2-Chlorotoluene	494	0	0.000
80	29.243	105+120	1,3,5-Trimethylbenzene	998	624102	40.056
81	29.296	91+126	4-Chlorotoluene	532	0	0.000
82	30.261	119+91	tert-Butylbenzene	567	178195	8.510
83	30.260	105+120	1,2,4-Trimethylbenzene	994	1149137	81.337
84	32.253	117	Pentachloroethane	810	65464	1032.048
85	30.709	105+134	sec-Butylbenzene	927	234657	13.973
86	30.938	119	4-Isopropyltoluene	990	359173	32.880
87	31.246	146+148	1,3-Dichlorobenzene	610	0	0.000
89	31.519	146+148	1,4-Dichlorobenzene	466	0	0.000
90	32.256	91	Benzyl Chloride	811	154776	17.887
91	32.254	91+134	n-Butylbenzene	816	398421	31.636
92	32.664	146+148	1,2-Dichlorobenzene	699	0	0.000
93	35.424	75+157	1,2-Dibromo-3-chloropropane	321	0	0.000
94	38.414	180+182	1,2,4-Trichlorobenzene	723	0	0.000
95	37.369	225+226	Hexachlorobutadiene	796	5368	2.132
96	37.790	128	Naphthalene	979	133269	43.679
97	38.414	180+182	1,2,3-Trichlorobenzene	580	0	0.000

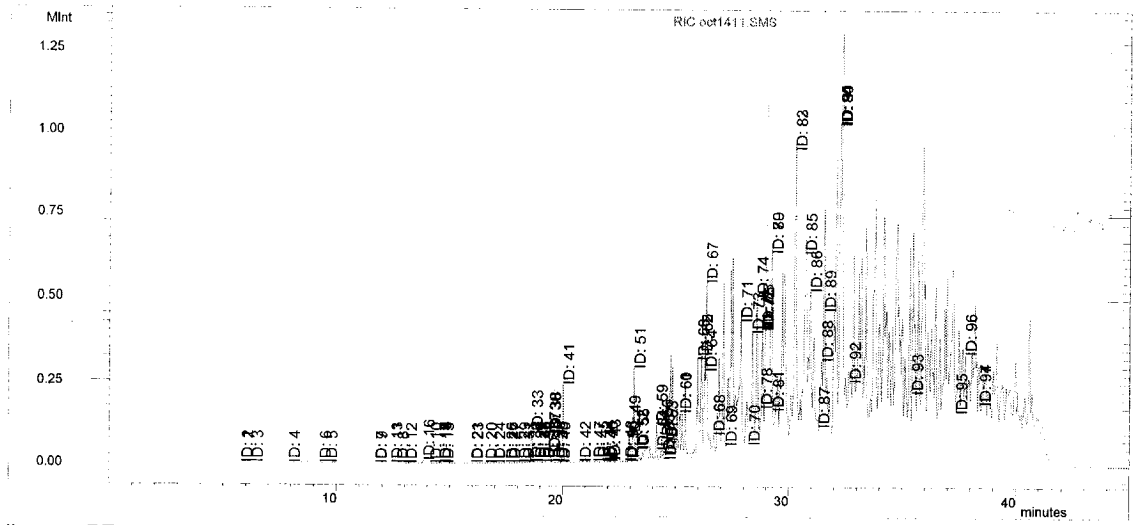
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1411.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 101132-810 100ul **Acquisition Dat** 10/23/02 1:59:50 AM

Inj. Notes: 5.0g -> 10ml dil. 1:100 **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.016	96+70	Fluorobenzene (IS1)	999	390115	50.000
63	25.968	117	Chlorobenzene-d5(IS2)	980	241038	50.000
88	31.446	152	1,4-Dichlorobenzene-d4(IS3)	964	104037	50.000
1	5.817	85	Dichlorodifluoromethane	118	0	0.000
2	5.833	50+52	Chloromethane	774	0	0.000
3	6.279	62+64	Vinyl Chloride	615	0	0.000
4	7.909	94+96	Bromomethane	557	0	0.000
5	9.538	49	Chloroethane	122	0	0.000
6	9.254	101+103	Trichlorofluoromethane	698	0	0.000
7	11.717	101+151	Trichlorotrifluoroethane (Freon 113)	711	0	0.000
8	12.680	56	Acrolein	449	0	0.000
9	11.744	96+61+98	1,1-Dichloroethene	682	0	0.000
10	14.155	142	Iodomethane	706	0	0.000
11	12.423	43+58	Acetone	830	0	0.000
12	13.066	45	Isopropyl alcohol (2-Propanol)	483	0	0.000
13	12.418	76	Carbon disulfide	719	430	25.541
14	14.577	41	Acetonitrile	534	0	0.000
15	14.680	41	Allyl chloride	374	0	0.000
16	13.838	84+49+86	Methylene Chloride	991	21252	2.455
17	14.553	59	tert-Butanol	417	0	0.000
18	14.578	73	Methyl-tert-butyl-ether (MTBE)	878	1668	0.401
19	14.542	61+96	t-1,2-Dichloroethene	716	0	0.000
20	16.605	53	Acrylonitrile	708	0	0.000
21	15.962	63	1,1-Dichloroethane	679	0	0.000
22	18.790	43	Vinyl acetate	449	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.990	45	Isopropyl ether	441	0	0.000
24	16.964	59	Ethyl-tert-butyl-ether	626	0	0.000
25	17.517	77+41	2,2-Dichloropropane	433	0	0.000
26	17.489	61+96	c-1,2-Dichloroethene	820	0	0.000
27	17.630	43+72	2-Butanone (MEK)	837	1828	2.928
28	18.956	54	Propionitrile	475	0	0.000
29	18.066	130+49	Bromochloromethane	786	0	0.000
30	19.425	39	Methacrylonitrile	417	1707	0.476
31	18.248	83+85	Chloroform	924	1392	0.173
32	18.567	97+99	1,1,1-Trichloroethane	665	0	0.000
33	18.624	111	Dibromofluoromethane (Surr1)	739	87860	52.723
34	19.122	117+119	Carbon Tetrachloride	653	0	0.000
35	19.728	42+72	Tetrahydrofuran	780	0	0.000
36	18.944	75+39	1,1-Dichloropropene	514	0	0.000
37	19.387	78	Benzene	772	658	0.107
38	19.419	65	1,2-Dichloroethane-d4 (Surr2)	915	122616	58.841
39	19.601	62+64	1,2-Dichloroethane	441	0	0.000
40	19.830	73+55+87	tert-Amyl-methyl-ether	582	0	0.000
42	20.751	130+132+95	Trichloroethene	859	0	0.000
43	22.058	41	Methyl methacrylate	336	3041	3040.904
44	21.838	63+65	1,2-Dichloropropane	413	0	0.000
45	21.562	93+174	Dibromomethane	849	0	0.000
46	21.937	88	1,4-Dioxane	479	0	0.000
47	21.382	83+85	Bromodichloromethane	625	0	0.000
48	22.768	63+43	2-Chloroethyl vinyl ether	342	0	0.000
49	22.933	75+77+39	c-1,3-Dichloropropene	435	24405	3.855
50	22.858	43+58	4-Methyl-2-pentanone	335	0	0.000
51	23.146	98	Toluene-d8 (Surr3)	996	347305	49.932
52	23.278	92+91	Toluene	701	6020	0.352
53	24.600	69	Ethyl methacrylate	621	13408	13408.390
54	24.187	43+58+100	2-Hexanone	599	0	0.000
55	23.340	75+77	t-1,3-Dichloropropene	539	0	0.000
56	24.387	97+99	1,1,2-Trichloroethane	757	5955	1.878
57	24.533	164+166	Tetrachloroethene	438	0	0.000
58	24.466	76+41	1,3-Dichloropropane	593	0	0.000
59	24.154	43	Isobutyl alcohol	603	47204	47203.920
60	25.187	129+127	Dibromochloromethane	568	0	0.000
61	25.187	107+109	1,2-Dibromoethane	539	0	0.000
62	26.126	91	1-Chlorohexane	946	161190	13.372
64	26.315	112+114	Chlorobenzene	359	2689	0.274
65	26.125	106+91	Ethylbenzene	946	227566	12.487
66	25.968	131+117	1,1,1,2-Tetrachloroethane	988	241861	23.019
67	26.341	106+91	p,m-Xylenes	974	485571	31.501
68	26.687	106+91	o-Xylene	432	0	0.000
69	27.217	104+78	Styrene	752	0	0.000
70	28.233	171+173+175	Bromoform	377	0	0.000
71	27.883	105+120	Isopropylbenzene	956	218175	12.446
72	28.831	75	cis-1,4-Dichloro-2-butene	613	0	0.000
73	28.379	95	p-Bromofluorobenzene (Surr4)	965	161617	56.686
74	28.575	83+85	1,1,2,2-Tetrachloroethane	534	84076	27.947
75	28.818	77+158	Bromobenzene	662	0	0.000
76	28.826	91+120	n-Propylbenzene	981	397213	19.730

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.831	75	trans-1,4-Dichloro-2-butene	572	0	0.000
78	28.777	75+110	1,2,3-Trichloropropane	572	0	0.000
79	29.243	91+126	2-Chlorotoluene	486	54877	4.225
80	29.243	105+120	1,3,5-Trimethylbenzene	997	881978	55.174
81	29.294	91+126	4-Chlorotoluene	530	0	0.000
82	30.262	119+91	tert-Butylbenzene	562	260763	12.138
83	30.262	105+120	1,2,4-Trimethylbenzene	994	1704457	117.589
84	32.253	117	Pentachloroethane	778	93972	1443.970
85	30.710	105+134	sec-Butylbenzene	948	412291	23.930
86	30.940	119	4-Isopropyltoluene	983	499490	44.568
87	31.300	146+148	1,3-Dichlorobenzene	308	0	0.000
89	31.572	146+148	1,4-Dichlorobenzene	405	0	0.000
90	32.255	91	Benzyl Chloride	778	216092	24.341
91	32.253	91+134	n-Butylbenzene	779	593055	45.899
92	32.691	146+148	1,2-Dichlorobenzene	640	0	0.000
93	35.439	75+157	1,2-Dibromo-3-chloropropane	194	0	0.000
94	38.424	180+182	1,2,4-Trichlorobenzene	653	0	0.000
95	37.383	225+226	Hexachlorobutadiene	544	0	0.000
96	37.790	128	Naphthalene	976	132732	42.402
97	38.424	180+182	1,2,3-Trichlorobenzene	543	0	0.000

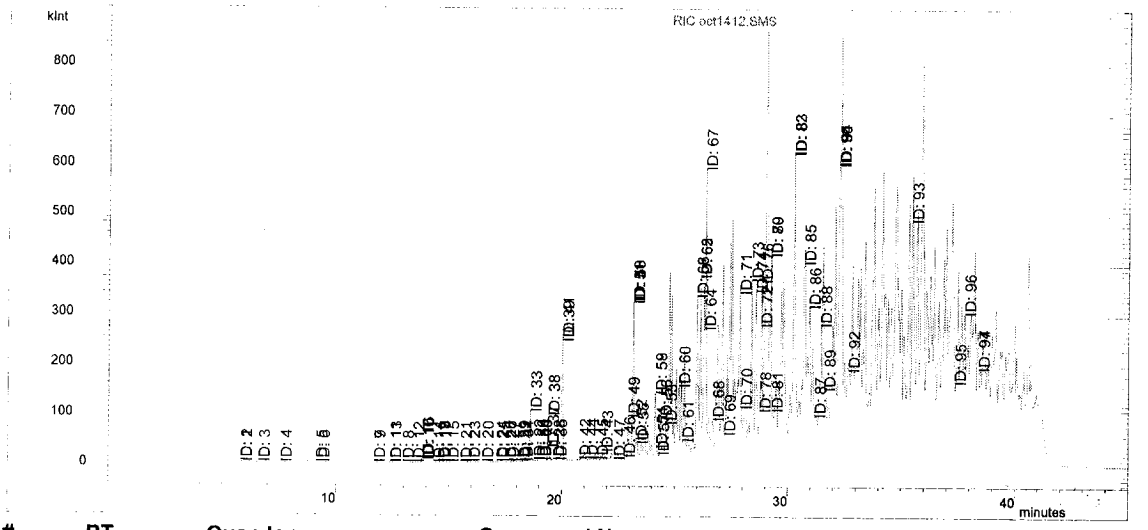
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1412.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 101132-811 100ul **Acquisition Dat** 10/23/02 2:46:52 AM

Inj. Notes: 5.0g -> 10ml dil. 1:100 **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.011	96+70	Fluorobenzene (IS1)	999	399688	50.000
63	25.962	117	Chlorobenzene-d5(IS2)	977	253865	50.000
88	31.443	152	1,4-Dichlorobenzene-d4(IS3)	968	109464	50.000
1	5.817	85	Dichlorodifluoromethane	106	0	0.000
2	5.833	50+52	Chloromethane	604	0	0.000
3	6.614	62+64	Vinyl Chloride	660	0	0.000
4	7.589	94+96	Bromomethane	641	0	0.000
5	9.140	49	Chloroethane	474	0	0.000
6	9.254	101+103	Trichlorofluoromethane	723	0	0.000
7	11.705	101+151	Trichlorotrifluoroethane (Freon 113)	650	0	0.000
8	12.964	56	Acrolein	467	0	0.000
9	11.693	96+61+98	1,1-Dichloroethene	796	0	0.000
10	13.863	142	Iodomethane	661	0	0.000
11	12.412	43+58	Acetone	772	780	1.747
12	13.437	45	Isopropyl alcohol (2-Propanol)	218	0	0.000
13	12.419	76	Carbon disulfide	716	454	26.326
14	14.324	41	Acetonitrile	776	0	0.000
15	14.952	41	Allyl chloride	102	0	0.000
16	13.838	84+49+86	Methylene Chloride	992	20700	2.334
17	14.604	59	tert-Butanol	414	0	0.000
18	14.570	73	Methyl-tert-butyl-ether (MTBE)	896	1621	0.381
19	14.529	61+96	t-1,2-Dichloroethene	739	0	0.000
20	16.491	53	Acrylonitrile	641	0	0.000
21	15.528	63	1,1-Dichloroethane	678	0	0.000
22	18.778	43	Vinyl acetate	481	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.899	45	Isopropyl ether	282	0	0.000
24	17.118	59	Ethyl-tert-butyl-ether	551	0	0.000
25	17.181	77+41	2,2-Dichloropropane	412	0	0.000
26	17.489	61+96	c-1,2-Dichloroethene	820	0	0.000
27	17.618	43+72	2-Butanone (MEK)	817	1704	2.664
28	19.634	54	Propionitrile	554	0	0.000
29	18.081	130+49	Bromochloromethane	727	0	0.000
30	18.920	39	Methacrylonitrile	545	0	0.000
31	18.247	83+85	Chloroform	922	0	0.000
32	18.156	97+99	1,1,1-Trichloroethane	604	0	0.000
33	18.619	111	Dibromofluoromethane (Surr1)	753	91092	53.353
34	19.022	117+119	Carbon Tetrachloride	667	0	0.000
35	19.736	42+72	Tetrahydrofuran	715	0	0.000
36	18.920	75+39	1,1-Dichloropropene	488	0	0.000
37	19.383	78	Benzene	808	0	0.000
38	19.414	65	1,2-Dichloroethane-d4 (Surr2)	930	124572	58.348
39	20.014	62+64	1,2-Dichloroethane	415	10210	2.391
40	19.074	73+55+87	tert-Amyl-methyl-ether	572	0	0.000
42	20.791	130+132+95	Trichloroethene	818	0	0.000
43	21.777	41	Methyl methacrylate	358	6688	6687.525
44	21.109	63+65	1,2-Dichloropropane	350	0	0.000
45	21.566	93+174	Dibromomethane	809	0	0.000
46	22.761	88	1,4-Dioxane	544	25	25.158
47	22.315	83+85	Bromodichloromethane	696	0	0.000
48	23.140	63+43	2-Chloroethyl vinyl ether	288	0	0.000
49	22.929	75+77+39	c-1,3-Dichloropropene	438	17564	2.634
50	23.140	43+58	4-Methyl-2-pentanone	287	0	0.000
51	23.141	98	Toluene-d8 (Surr3)	993	359084	49.017
52	23.274	92+91	Toluene	680	5839	0.324
53	24.602	69	Ethyl methacrylate	620	0	0.000
54	24.197	43+58+100	2-Hexanone	698	0	0.000
55	23.353	75+77	t-1,3-Dichloropropene	501	0	0.000
56	24.385	97+99	1,1,2-Trichloroethane	725	6754	2.022
57	24.276	164+166	Tetrachloroethene	592	0	0.000
58	24.148	76+41	1,3-Dichloropropane	453	70439	14.188
59	24.149	43	Isobutyl alcohol	633	55932	55931.800
60	25.187	129+127	Dibromochloromethane	593	0	0.000
61	25.351	107+109	1,2-Dibromoethane	361	0	0.000
62	26.121	91	1-Chlorohexane	961	216202	17.029
64	26.310	112+114	Chlorobenzene	351	0	0.000
65	26.121	106+91	Ethylbenzene	961	305410	15.928
66	25.962	131+117	1,1,1,2-Tetrachloroethane	986	251208	22.724
67	26.337	106+91	p,m-Xylenes	977	566916	34.954
68	26.689	106+91	o-Xylene	431	0	0.000
69	27.192	104+78	Styrene	766	0	0.000
70	27.933	171+173+175	Bromoform	261	0	0.000
71	27.880	105+120	Isopropylbenzene	990	221689	12.020
72	28.799	75	cis-1,4-Dichloro-2-butene	632	0	0.000
73	28.377	95	p-Bromofluorobenzene (Surr4)	978	176244	58.751
74	28.573	83+85	1,1,2,2-Tetrachloroethane	569	59134	18.682
75	28.813	77+158	Bromobenzene	808	0	0.000
76	28.821	91+120	n-Propylbenzene	991	424951	20.061

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.799	75	trans-1,4-Dichloro-2-butene	509	0	0.000
78	28.759	75+110	1,2,3-Trichloropropane	509	0	0.000
79	29.239	91+126	2-Chlorotoluene	482	31198	2.283
80	29.239	105+120	1,3,5-Trimethylbenzene	995	579897	34.478
81	29.302	91+126	4-Chlorotoluene	474	0	0.000
82	30.256	119+91	tert-Butylbenzene	556	172876	7.648
83	30.257	105+120	1,2,4-Trimethylbenzene	994	1146121	75.150
84	32.253	117	Pentachloroethane	782	42814	625.260
85	30.705	105+134	sec-Butylbenzene	951	279133	15.398
86	30.935	119	4-Isopropyltoluene	987	277156	23.504
87	31.187	146+148	1,3-Dichlorobenzene	583	0	0.000
89	31.609	146+148	1,4-Dichlorobenzene	418	0	0.000
90	32.253	91	Benzyl Chloride	781	122753	13.141
91	32.252	91+134	n-Butylbenzene	791	324533	23.872
92	32.687	146+148	1,2-Dichlorobenzene	637	0	0.000
93	35.465	75+157	1,2-Dibromo-3-chloropropane	247	0	0.000
94	38.415	180+182	1,2,4-Trichlorobenzene	646	0	0.000
95	37.373	225+226	Hexachlorobutadiene	555	2845	1.047
96	37.791	128	Naphthalene	978	111614	33.888
97	38.415	180+182	1,2,3-Trichlorobenzene	543	0	0.000

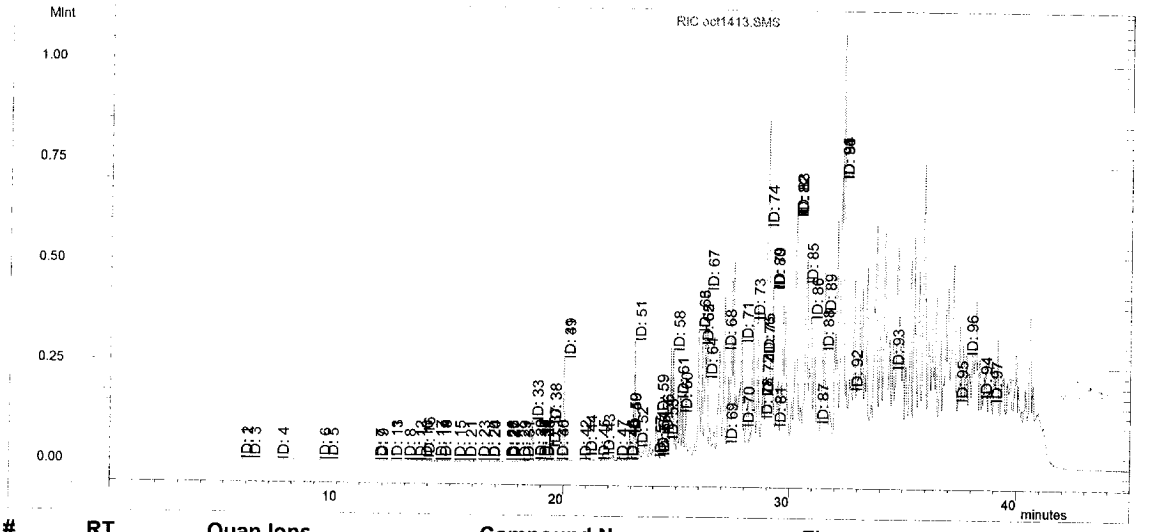
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1413.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 101132-812 100ul **Acquisition Dat** 10/23/02 3:34:07 AM

Inj. Notes: 5.0g -> 10ml dil. 1:100 **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.011	96+70	Fluorobenzene (IS1)	999	410730	50.000
63	25.962	117	Chlorobenzene-d5(IS2)	979	260253	50.000
88	31.443	152	1,4-Dichlorobenzene-d4(IS3)	970	112240	50.000
1	5.782	85	Dichlorodifluoromethane	471	0	0.000
2	5.817	50+52	Chloromethane	728	0	0.000
3	6.153	62+64	Vinyl Chloride	652	0	0.000
4	7.408	94+96	Bromomethane	593	0	0.000
5	9.578	49	Chloroethane	99	0	0.000
6	9.231	101+103	Trichlorofluoromethane	706	0	0.000
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	687	0	0.000
8	12.988	56	Acrolein	454	0	0.000
9	11.768	96+61+98	1,1-Dichloroethene	781	0	0.000
10	13.733	142	Iodomethane	674	0	0.000
11	12.400	43+58	Acetone	759	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	197	0	0.000
13	12.400	76	Carbon disulfide	710	0	0.000
14	14.566	41	Acetonitrile	506	0	0.000
15	15.193	41	Allyl chloride	380	0	0.000
16	13.828	84+49+86	Methylene Chloride	990	20610	2.261
17	14.360	59	tert-Butanol	382	0	0.000
18	14.563	73	Methyl-tert-butyl-ether (MTBE)	899	1016	0.232
19	14.566	61+96	t-1,2-Dichloroethene	661	0	0.000
20	16.696	53	Acrylonitrile	599	0	0.000
21	15.682	63	1,1-Dichloroethane	823	0	0.000
22	18.779	43	Vinyl acetate	430	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.258	45	Isopropyl ether	278	0	0.000
24	16.732	59	Ethyl-tert-butyl-ether	719	0	0.000
25	17.553	77+41	2,2-Dichloropropane	450	0	0.000
26	17.490	61+96	c-1,2-Dichloroethene	741	0	0.000
27	17.618	43+72	2-Butanone (MEK)	821	1579	2.403
28	19.114	54	Propionitrile	545	0	0.000
29	18.066	130+49	Bromochloromethane	784	0	0.000
30	18.779	39	Methacrylonitrile	568	0	0.000
31	18.239	83+85	Chloroform	938	1446	0.171
32	18.960	97+99	1,1,1-Trichloroethane	745	0	0.000
33	18.618	111	Dibromofluoromethane (Surr1)	808	93008	53.011
34	19.063	117+119	Carbon Tetrachloride	746	0	0.000
35	19.736	42+72	Tetrahydrofuran	773	0	0.000
36	18.960	75+39	1,1-Dichloropropene	664	0	0.000
37	19.384	78	Benzene	759	0	0.000
38	19.414	65	1,2-Dichloroethane-d4 (Surr2)	919	127409	58.072
39	20.010	62+64	1,2-Dichloroethane	563	10584	2.412
40	19.748	73+55+87	tert-Amyl-methyl-ether	461	0	0.000
42	20.747	130+132+95	Trichloroethene	726	0	0.000
43	21.780	41	Methyl methacrylate	304	5815	5815.495
44	21.010	63+65	1,2-Dichloropropane	390	0	0.000
45	21.558	93+174	Dibromomethane	704	0	0.000
46	22.802	88	1,4-Dioxane	469	11	11.468
47	22.380	83+85	Bromodichloromethane	601	0	0.000
48	22.854	63+43	2-Chloroethyl vinyl ether	370	0	0.000
49	22.929	75+77+39	c-1,3-Dichloropropene	436	12650	1.851
50	22.933	43+58	4-Methyl-2-pentanone	371	0	0.000
51	23.140	98	Toluene-d8 (Surr3)	997	361938	48.194
52	23.267	92+91	Toluene	708	0	0.000
53	24.597	69	Ethyl methacrylate	602	13319	13319.480
54	24.196	43+58+100	2-Hexanone	593	0	0.000
55	24.235	75+77	t-1,3-Dichloropropene	513	0	0.000
56	24.382	97+99	1,1,2-Trichloroethane	748	5338	1.559
57	24.074	164+166	Tetrachloroethene	562	0	0.000
58	24.844	76+41	1,3-Dichloropropane	510	60786	11.943
59	24.149	43	Isobutyl alcohol	616	48194	48194.060
60	25.198	129+127	Dibromochloromethane	456	0	0.000
61	25.048	107+109	1,2-Dibromoethane	471	0	0.000
62	26.120	91	1-Chlorohexane	883	80637	6.196
64	26.310	112+114	Chlorobenzene	358	0	0.000
65	26.120	106+91	Ethylbenzene	883	113527	5.774
66	25.962	131+117	1,1,1,2-Tetrachloroethane	987	259684	22.909
67	26.337	106+91	p,m-Xylenes	970	312550	18.794
68	27.124	106+91	o-Xylene	475	0	0.000
69	27.207	104+78	Styrene	702	0	0.000
70	27.944	171+173+175	Bromoform	316	0	0.000
71	27.879	105+120	Isopropylbenzene	927	118472	6.265
72	28.786	75	cis-1,4-Dichloro-2-butene	605	0	0.000
73	28.375	95	p-Bromofluorobenzene (Surr4)	979	172312	56.020
74	28.963	83+85	1,1,2,2-Tetrachloroethane	580	69400	21.383
75	28.814	77+158	Bromobenzene	760	0	0.000
76	28.820	91+120	n-Propylbenzene	969	203343	9.362

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.786	75	trans-1,4-Dichloro-2-butene	543	0	0.000
78	28.759	75+110	1,2,3-Trichloropropane	543	0	0.000
79	29.237	91+126	2-Chlorotoluene	487	34419	2.456
80	29.238	105+120	1,3,5-Trimethylbenzene	997	574248	33.298
81	29.357	91+126	4-Chlorotoluene	706	0	0.000
82	30.255	119+91	tert-Butylbenzene	564	167328	7.220
83	30.256	105+120	1,2,4-Trimethylbenzene	994	1076955	68.868
84	32.251	117	Pentachloroethane	778	65117	927.455
85	30.705	105+134	sec-Butylbenzene	937	236270	12.711
86	30.934	119	4-Isopropyltoluene	984	327459	27.083
87	31.221	146+148	1,3-Dichlorobenzene	384	0	0.000
89	31.518	146+148	1,4-Dichlorobenzene	352	0	0.000
90	32.249	91	Benzyl Chloride	780	158713	16.571
91	32.248	91+134	n-Butylbenzene	801	325121	23.323
92	32.724	146+148	1,2-Dichlorobenzene	532	0	0.000
93	34.537	75+157	1,2-Dibromo-3-chloropropane	256	0	0.000
94	38.418	180+182	1,2,4-Trichlorobenzene	563	0	0.000
95	37.365	225+226	Hexachlorobutadiene	403	0	0.000
96	37.789	128	Naphthalene	978	97996	29.018
97	38.876	180+182	1,2,3-Trichlorobenzene	535	0	0.000

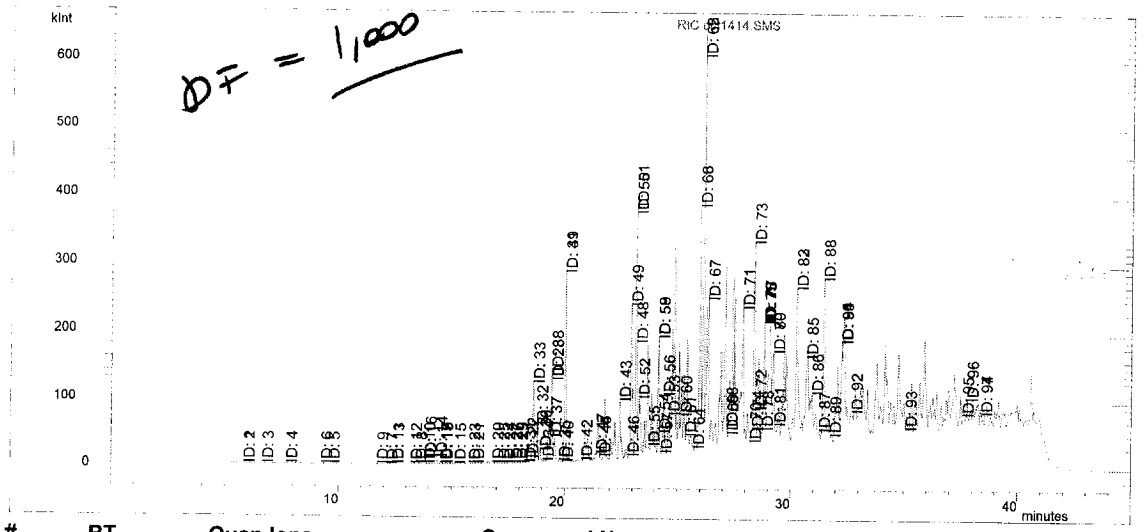
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1414.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 101132-814 20ul **Acquisition Dat** 10/23/02 4:21:12 AM

Inj. Notes: 2.5g -> 10ml **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.013	96+70	Fluorobenzene (IS1)	999	474883	50.000
63	25.964	117	Chlorobenzene-d5(IS2)	981	305713	50.000
88	31.444	152	1,4-Dichlorobenzene-d4(IS3)	976	137988	50.000
1	5.833	85	Dichlorodifluoromethane	173	0	0.000
2	5.833	50+52	Chloromethane	639	0	0.000
3	6.654	62+64	Vinyl Chloride	651	0	0.000
4	7.715	94+96	Bromomethane	804	0	0.000
5	9.577	49	Chloroethane	125	0	0.000
6	9.242	101+103	Trichlorofluoromethane	625	0	0.000
7	12.115	101+151	Trichlorotrifluoroethane (Freon 113)	610	0	0.000
8	13.437	56	Acrolein	587	0	0.000
9	11.716	96+61+98	1,1-Dichloroethene	776	0	0.000
10	13.784	142	Iodomethane	661	0	0.000
11	12.383	43+58	Acetone	755	0	0.000
12	13.204	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.411	76	Carbon disulfide	786	0	0.000
14	14.322	41	Acetonitrile	753	11740	5.347
15	15.144	41	Allyl chloride	374	0	0.000
16	13.835	84+49+86	Methylene Chloride	991	22732	2.157
17	14.516	59	tert-Butanol	338	0	0.000
18	14.580	73	Methyl-tert-butyl-ether (MTBE)	861	0	0.000
19	14.556	61+96	t-1,2-Dichloroethene	676	0	0.000
20	16.813	53	Acrylonitrile	697	0	0.000
21	15.965	63	1,1-Dichloroethane	713	0	0.000
22	18.366	43	Vinyl acetate	497	3806	3805.650

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.787	45	Isopropyl ether	324	0	0.000
24	17.338	59	Ethyl-tert-butyl-ether	622	0	0.000
25	17.081	77+41	2,2-Dichloropropane	438	0	0.000
26	17.670	61+96	c-1,2-Dichloroethene	776	0	0.000
27	17.618	43+72	2-Butanone (MEK)	651	0	0.000
28	19.433	54	Propionitrile	331	2941	2940.542
29	17.902	130+49	Bromochloromethane	483	0	0.000
30	18.923	39	Methacrylonitrile	339	7331	1.681
31	18.241	83+85	Chloroform	949	1360	0.139
32	18.773	97+99	1,1,1-Trichloroethane	552	0	0.000
33	18.619	111	Dibromofluoromethane (Surr1)	769	105048	51.785
34	19.035	117+119	Carbon Tetrachloride	681	0	0.000
35	19.759	42+72	Tetrahydrofuran	704	0	0.000
36	18.920	75+39	1,1-Dichloropropene	333	0	0.000
37	19.377	78	Benzene	919	16519	2.206
38	19.416	65	1,2-Dichloroethane-d4 (Surr2)	970	139383	54.948
39	20.014	62+64	1,2-Dichloroethane	358	11962	2.358
40	19.897	73+55+87	tert-Amyl-methyl-ether	570	0	0.000
42	20.745	130+132+95	Trichloroethene	867	0	0.000
43	22.439	41	Methyl methacrylate	302	39251	39251.330
44	21.555	63+65	1,2-Dichloropropane	356	0	0.000
45	21.555	93+174	Dibromomethane	670	0	0.000
46	22.800	88	1,4-Dioxane	531	20	19.604
47	21.412	83+85	Bromodichloromethane	640	0	0.000
48	23.170	63+43	2-Chloroethyl vinyl ether	374	0	0.000
49	22.930	75+77+39	c-1,3-Dichloropropene	436	40780	5.078
50	23.141	43+58	4-Methyl-2-pentanone	320	4585	2.032
51	23.143	98	Toluene-d8 (Surr3)	998	436256	49.451
52	23.279	92+91	Toluene	489	5531	0.255
53	24.598	69	Ethyl methacrylate	586	21240	21239.770
54	24.194	43+58+100	2-Hexanone	609	0	0.000
55	23.724	75+77	t-1,3-Dichloropropene	476	0	0.000
56	24.382	97+99	1,1,2-Trichloroethane	741	8625	2.144
57	24.287	164+166	Tetrachloroethene	544	0	0.000
58	24.151	76+41	1,3-Dichloropropane	501	93444	15.630
59	24.151	43	Isobutyl alcohol	616	73772	73771.560
60	25.144	129+127	Dibromochloromethane	606	0	0.000
61	25.334	107+109	1,2-Dibromoethane	346	0	0.000
62	26.123	91	1-Chlorohexane	980	593294	38.806
64	25.701	112+114	Chlorobenzene	507	0	0.000
65	26.123	106+91	Ethylbenzene	980	843670	34.905
66	25.964	131+117	1,1,1,2-Tetrachloroethane	989	304424	21.845
67	26.349	106+91	p,m-Xylenes	937	90252	4.414
68	27.166	106+91	o-Xylene	658	0	0.000
69	27.193	104+78	Styrene	813	0	0.000
70	28.207	171+173+175	Bromoform	606	0	0.000
71	27.882	105+120	Isopropylbenzene	994	166941	7.180
72	28.436	75	cis-1,4-Dichloro-2-butene	672	0	0.000
73	28.377	95	p-Bromofluorobenzene (Surr4)	987	200472	53.014
74	28.288	83+85	1,1,2,2-Tetrachloroethane	553	0	0.000
75	28.830	77+158	Bromobenzene	655	0	0.000
76	28.823	91+120	n-Propylbenzene	994	281358	10.537

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28:816	75	trans-1,4-Dichloro-2-butene	593	0	0.000
78	28.747	75+110	1,2,3-Trichloropropane	593	0	0.000
79	29.240	91+126	2-Chlorotoluene	481	10748	0.624
80	29.240	105+120	1,3,5-Trimethylbenzene	991	203985	9.621
81	29.296	91+126	4-Chlorotoluene	462	0	0.000
82	30.260	119+91	tert-Butylbenzene	564	70628	2.479
83	30.260	105+120	1,2,4-Trimethylbenzene	993	476087	24.764
84	32.249	117	Pentachloroethane	807	10880	126.050
85	30.707	105+134	sec-Butylbenzene	972	97635	4.273
86	30.937	119	4-Isopropyltoluene	985	71966	4.841
87	31.257	146+148	1,3-Dichlorobenzene	600	0	0.000
89	31.746	146+148	1,4-Dichlorobenzene	276	0	0.000
90	32.253	91	Benzyl Chloride	774	29656	2.519
91	32.250	91+134	n-Butylbenzene	810	104771	6.114
92	32.691	146+148	1,2-Dichlorobenzene	611	0	0.000
93	35.078	75+157	1,2-Dibromo-3-chloropropane	490	0	0.000
94	38.411	180+182	1,2,4-Trichlorobenzene	802	0	0.000
95	37.592	225+226	Hexachlorobutadiene	574	0	0.000
96	37.788	128	Naphthalene	980	38008	9.155
97	38.411	180+182	1,2,3-Trichlorobenzene	647	0	0.000

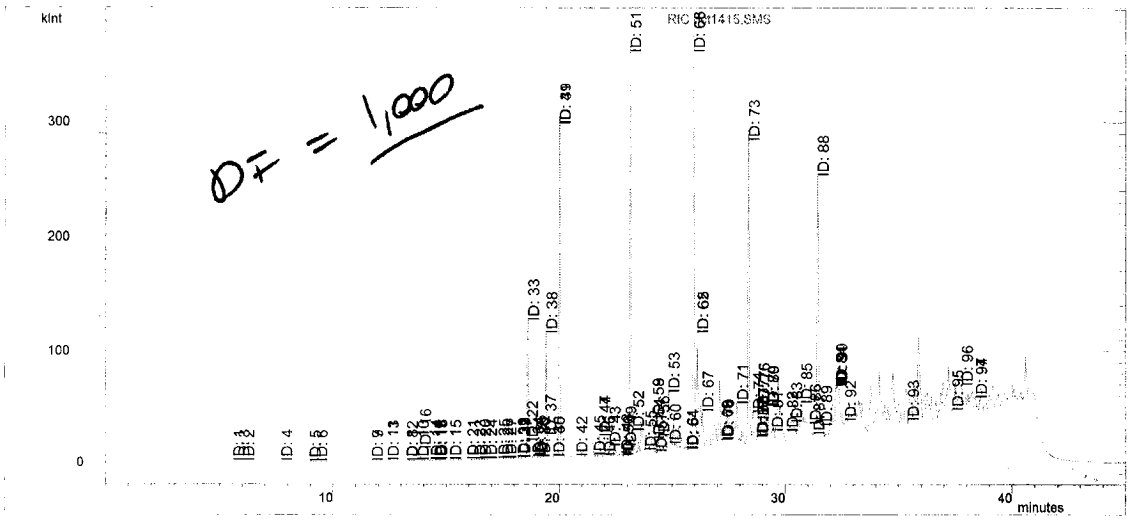
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1415.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 101132-815 20ul **Acquisition Dat** 10/23/02 5:08:07 AM

Inj. Notes: 2.5g -> 10ml **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.015	96+70	Fluorobenzene (IS1)	997	491174	50.000
63	25.966	117	Chlorobenzene-d5(IS2)	984	321730	50.000
88	31.445	152	1,4-Dichlorobenzene-d4(IS3)	976	144571	50.000
1	5.612	85	Dichlorodifluoromethane	152	0	0.000
2	6.050	50+52	Chloromethane	584	0	0.000
3	5.833	62+64	Vinyl Chloride	615	0	0.000
4	7.731	94+96	Bromomethane	768	0	0.000
5	8.962	49	Chloroethane	357	0	0.000
6	9.270	101+103	Trichlorofluoromethane	845	0	0.000
7	11.717	101+151	Trichlorotrifluoroethane (Freon 113)	462	0	0.000
8	13.256	56	Acrolein	627	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	629	0	0.000
10	13.745	142	Iodomethane	661	0	0.000
11	12.423	43+58	Acetone	814	0	0.000
12	13.271	45	Isopropyl alcohol (2-Propanol)	598	0	0.000
13	12.423	76	Carbon disulfide	717	0	0.000
14	14.319	41	Acetonitrile	702	450	0.198
15	15.181	41	Allyl chloride	263	0	0.000
16	13.836	84+49+86	Methylene Chloride	992	24725	2.268
17	14.490	59	tert-Butanol	355	0	0.000
18	14.565	73	Methyl-tert-butyl-ether (MTBE)	886	0	0.000
19	14.502	61+96	t-1,2-Dichloroethene	713	0	0.000
20	16.491	53	Acrylonitrile	568	0	0.000
21	15.938	63	1,1-Dichloroethane	705	0	0.000
22	18.572	43	Vinyl acetate	473	1653	1653.010

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.246	45	Isopropyl ether	410	0	0.000
24	16.759	59	Ethyl-tert-butyl-ether	612	0	0.000
25	17.312	77+41	2,2-Dichloropropane	467	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	725	0	0.000
27	17.631	43+72	2-Butanone (MEK)	751	0	0.000
28	19.021	54	Propionitrile	698	0	0.000
29	18.239	130+49	Bromochloromethane	557	168	0.034
30	19.112	39	Methacrylonitrile	520	0	0.000
31	18.240	83+85	Chloroform	935	1450	0.143
32	18.168	97+99	1,1,1-Trichloroethane	413	0	0.000
33	18.621	111	Dibromofluoromethane (Surr1)	816	111567	53.175
34	18.828	117+119	Carbon Tetrachloride	692	0	0.000
35	19.746	42+72	Tetrahydrofuran	605	0	0.000
36	18.928	75+39	1,1-Dichloropropene	389	454	0.088
37	19.377	78	Benzene	920	3548	0.458
38	19.419	65	1,2-Dichloroethane-d4 (Surr2)	975	156409	59.614
39	20.016	62+64	1,2-Dichloroethane	409	12434	2.369
40	19.746	73+55+87	tert-Amyl-methyl-ether	665	0	0.000
42	20.755	130+132+95	Trichloroethene	812	0	0.000
43	22.231	41	Methyl methacrylate	394	2324	2323.961
44	21.777	63+65	1,2-Dichloropropane	301	0	0.000
45	21.555	93+174	Dibromomethane	635	0	0.000
46	21.982	88	1,4-Dioxane	602	0	0.000
47	21.778	83+85	Bromodichloromethane	696	2901	0.374
48	22.749	63+43	2-Chloroethyl vinyl ether	343	0	0.000
49	22.930	75+77+39	c-1,3-Dichloropropene	556	0	0.000
50	22.824	43+58	4-Methyl-2-pentanone	340	0	0.000
51	23.144	98	Toluene-d8 (Surr3)	993	460744	49.627
52	23.278	92+91	Toluene	756	5896	0.258
53	24.851	69	Ethyl methacrylate	580	18073	18072.510
54	24.186	43+58+100	2-Hexanone	634	0	0.000
55	23.813	75+77	t-1,3-Dichloropropene	639	0	0.000
56	24.388	97+99	1,1,2-Trichloroethane	746	1550	0.366
57	24.286	164+166	Tetrachloroethene	444	0	0.000
58	24.156	76+41	1,3-Dichloropropane	508	16705	2.655
59	24.157	43	Isobutyl alcohol	633	13446	13446.440
60	24.909	129+127	Dibromochloromethane	616	0	0.000
61	25.647	107+109	1,2-Dibromoethane	564	0	0.000
62	26.126	91	1-Chlorohexane	983	98513	6.123
64	25.686	112+114	Chlorobenzene	446	0	0.000
65	26.125	106+91	Ethylbenzene	983	138560	5.471
66	25.966	131+117	1,1,1,2-Tetrachloroethane	989	322630	22.097
67	26.351	106+91	p,m-Xylenes	600	0	0.000
68	27.203	106+91	o-Xylene	739	0	0.000
69	27.203	104+78	Styrene	846	0	0.000
70	27.255	171+173+175	Bromoform	435	0	0.000
71	27.885	105+120	Isopropylbenzene	989	29771	1.222
72	28.757	75	cis-1,4-Dichloro-2-butene	657	0	0.000
73	28.379	95	p-Bromofluorobenzene (Surr4)	990	202928	51.219
74	28.574	83+85	1,1,2,2-Tetrachloroethane	471	5484	1.312
75	28.827	77+158	Bromobenzene	839	0	0.000
76	28.828	91+120	n-Propylbenzene	992	52520	1.877

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.800	75	trans-1,4-Dichloro-2-butene	596	0	0.000
78	28.772	75+110	1,2,3-Trichloropropane	596	0	0.000
79	29.242	91+126	2-Chlorotoluene	514	0	0.000
80	29.244	105+120	1,3,5-Trimethylbenzene	979	41304	1.859
81	29.427	91+126	4-Chlorotoluene	631	0	0.000
82	30.083	119+91	tert-Butylbenzene	745	0	0.000
83	30.268	105+120	1,2,4-Trimethylbenzene	979	0	0.000
84	32.247	117	Pentachloroethane	794	0	0.000
85	30.710	105+134	sec-Butylbenzene	955	26450	1.105
86	31.106	119	4-Isopropyltoluene	953	13265	0.852
87	31.266	146+148	1,3-Dichlorobenzene	394	0	0.000
89	31.589	146+148	1,4-Dichlorobenzene	311	0	0.000
90	32.261	91	Benzyl Chloride	813	0	0.000
91	32.254	91+134	n-Butylbenzene	808	27071	1.508
92	32.654	146+148	1,2-Dichlorobenzene	855	0	0.000
93	35.435	75+157	1,2-Dibromo-3-chloropropane	437	0	0.000
94	38.412	180+182	1,2,4-Trichlorobenzene	896	5715	1.216
95	37.374	225+226	Hexachlorobutadiene	599	0	0.000
96	37.791	128	Naphthalene	975	25069	5.763
97	38.412	180+182	1,2,3-Trichlorobenzene	738	5715	1.216

Associated Laboratories

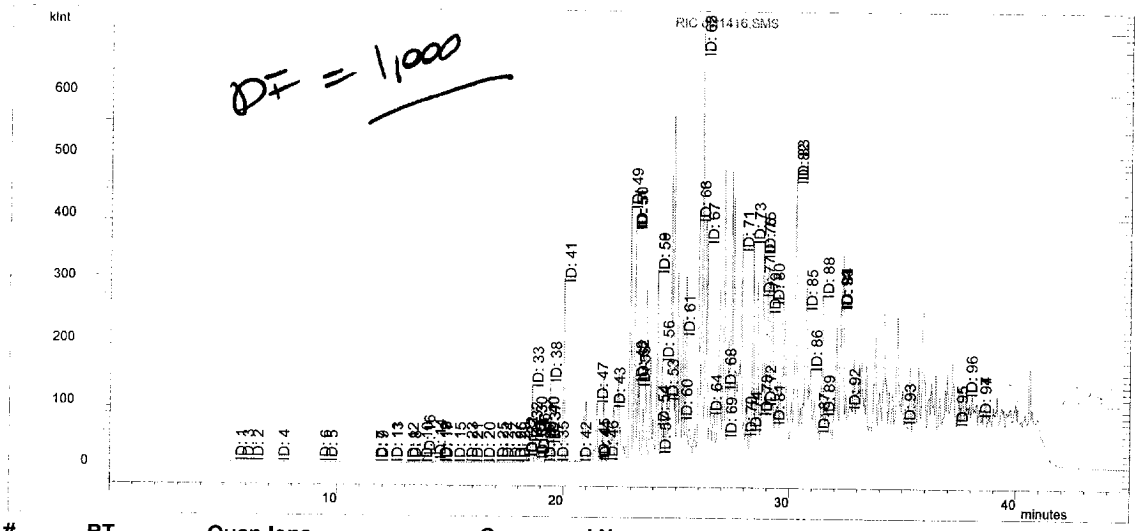
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1416.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 101132-816 20ul **Acquisition Dat** 10/23/02 5:55:00 AM

Inj. Notes: 2.5g -> 10ml **Operator Name:** dp

DF = 1,000



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.014	96+70	Fluorobenzene (IS1)	999	482116	50.000
63	25.963	117	Chlorobenzene-d5(IS2)	979	308795	50.000
88	31.442	152	1,4-Dichlorobenzene-d4(IS3)	975	136811	50.000
1	5.549	85	Dichlorodifluoromethane	563	0	0.000
2	6.279	50+52	Chloromethane	589	0	0.000
3	5.857	62+64	Vinyl Chloride	615	0	0.000
4	7.435	94+96	Bromomethane	535	0	0.000
5	9.538	49	Chloroethane	125	0	0.000
6	9.254	101+103	Trichlorofluoromethane	743	112	0.013
7	11.705	101+151	Trichlorotrifluoroethane (Freon 113)	587	0	0.000
8	13.220	56	Acrolein	520	0	0.000
9	11.768	96+61+98	1,1-Dichloroethene	611	0	0.000
10	13.733	142	Iodomethane	593	0	0.000
11	12.400	43+58	Acetone	846	807	1.500
12	13.129	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.423	76	Carbon disulfide	757	566	27.190
14	14.322	41	Acetonitrile	722	5562	2.495
15	15.194	41	Allyl chloride	374	0	0.000
16	13.836	84+49+86	Methylene Chloride	993	26005	2.431
17	14.618	59	tert-Butanol	402	0	0.000
18	14.558	73	Methyl-tert-butyl-ether (MTBE)	892	763	0.149
19	14.539	61+96	t-1,2-Dichloroethene	693	0	0.000
20	16.489	53	Acrylonitrile	281	0	0.000
21	15.964	63	1,1-Dichloroethane	665	0	0.000
22	18.371	43	Vinyl acetate	492	4220	4220.206

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.735	45	Isopropyl ether	462	0	0.000
24	17.310	59	Ethyl-tert-butyl-ether	732	0	0.000
25	17.081	77+41	2,2-Dichloropropane	508	0	0.000
26	17.874	61+96	c-1,2-Dichloroethene	768	0	0.000
27	17.633	43+72	2-Butanone (MEK)	760	0	0.000
28	19.189	54	Propionitrile	455	0	0.000
29	18.063	130+49	Bromochloromethane	556	105	0.021
30	18.783	39	Methacrylonitrile	404	18663	4.215
31	18.373	83+85	Chloroform	543	3338	0.336
32	18.575	97+99	1,1,1-Trichloroethane	623	0	0.000
33	18.619	111	Dibromofluoromethane (Surr1)	773	108132	52.506
34	18.840	117+119	Carbon Tetrachloride	637	0	0.000
35	19.741	42+72	Tetrahydrofuran	686	0	0.000
36	18.917	75+39	1,1-Dichloropropene	329	0	0.000
37	19.376	78	Benzene	875	8069	1.061
38	19.416	65	1,2-Dichloroethane-d4 (Surr2)	964	144963	56.290
39	19.174	62+64	1,2-Dichloroethane	540	0	0.000
40	19.304	73+55+87	tert-Amyl-methyl-ether	489	25775	2.908
42	20.755	130+132+95	Trichloroethene	722	0	0.000
43	22.225	41	Methyl methacrylate	397	47384	47383.670
44	21.623	63+65	1,2-Dichloropropane	473	0	0.000
45	21.560	93+174	Dibromomethane	641	0	0.000
46	21.949	88	1,4-Dioxane	230	0	0.000
47	21.484	83+85	Bromodichloromethane	604	4875	0.655
48	23.182	63+43	2-Chloroethyl vinyl ether	370	0	0.000
49	22.931	75+77+39	c-1,3-Dichloropropene	467	71080	8.763
50	23.142	43+58	4-Methyl-2-pentanone	361	0	0.000
51	23.142	98	Toluene-d8 (Surr3)	998	419334	47.059
52	23.275	92+91	Toluene	437	6008	0.274
53	24.596	69	Ethyl methacrylate	628	23208	23208.270
54	24.193	43+58+100	2-Hexanone	634	0	0.000
55	23.345	75+77	t-1,3-Dichloropropene	581	0	0.000
56	24.380	97+99	1,1,2-Trichloroethane	735	15891	3.911
57	24.288	164+166	Tetrachloroethene	502	0	0.000
58	24.150	76+41	1,3-Dichloropropane	477	145368	24.072
59	24.150	43	Isobutyl alcohol	641	133744	133744.200
60	25.210	129+127	Dibromochloromethane	383	0	0.000
61	25.293	107+109	1,2-Dibromoethane	306	3360	0.675
62	26.120	91	1-Chlorohexane	980	619944	40.144
64	26.521	112+114	Chlorobenzene	409	0	0.000
65	26.120	106+91	Ethylbenzene	980	891291	37.192
66	25.963	131+117	1,1,1,2-Tetrachloroethane	988	309727	22.417
67	26.347	106+91	p,m-Xylenes	821	67793	3.344
68	27.145	106+91	o-Xylene	585	0	0.000
69	27.199	104+78	Styrene	704	0	0.000
70	28.059	171+173+175	Bromoform	220	0	0.000
71	27.880	105+120	Isopropylbenzene	997	244706	10.616
72	28.923	75	cis-1,4-Dichloro-2-butene	637	0	0.000
73	28.374	95	p-Bromofluorobenzene (Surr4)	985	207753	55.411
74	28.286	83+85	1,1,2,2-Tetrachloroethane	608	0	0.000
75	28.816	77+158	Bromobenzene	694	0	0.000
76	28.821	91+120	n-Propylbenzene	992	433947	16.391

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.803	75	trans-1,4-Dichloro-2-butene	591	0	0.000
78	28.749	75+110	1,2,3-Trichloropropane	591	0	0.000
79	29.088	91+126	2-Chlorotoluene	520	4477	0.262
80	29.239	105+120	1,3,5-Trimethylbenzene	994	290035	13.797
81	29.307	91+126	4-Chlorotoluene	434	0	0.000
82	30.255	119+91	tert-Butylbenzene	558	127949	4.529
83	30.257	105+120	1,2,4-Trimethylbenzene	993	845945	44.380
84	32.252	117	Pentachloroethane	846	18431	215.365
85	30.706	105+134	sec-Butylbenzene	973	172729	7.624
86	30.934	119	4-Isopropyltoluene	987	122105	8.285
87	31.292	146+148	1,3-Dichlorobenzene	413	0	0.000
89	31.507	146+148	1,4-Dichlorobenzene	282	0	0.000
90	32.247	91	Benzyl Chloride	823	51706	4.429
91	32.248	91+134	n-Butylbenzene	819	105331	6.199
92	32.636	146+148	1,2-Dichlorobenzene	642	0	0.000
93	35.094	75+157	1,2-Dibromo-3-chloropropane	337	0	0.000
94	38.414	180+182	1,2,4-Trichlorobenzene	822	0	0.000
95	37.387	225+226	Hexachlorobutadiene	616	0	0.000
96	37.791	128	Naphthalene	977	44520	10.815
97	38.414	180+182	1,2,3-Trichlorobenzene	641	0	0.000

Associated Laboratories

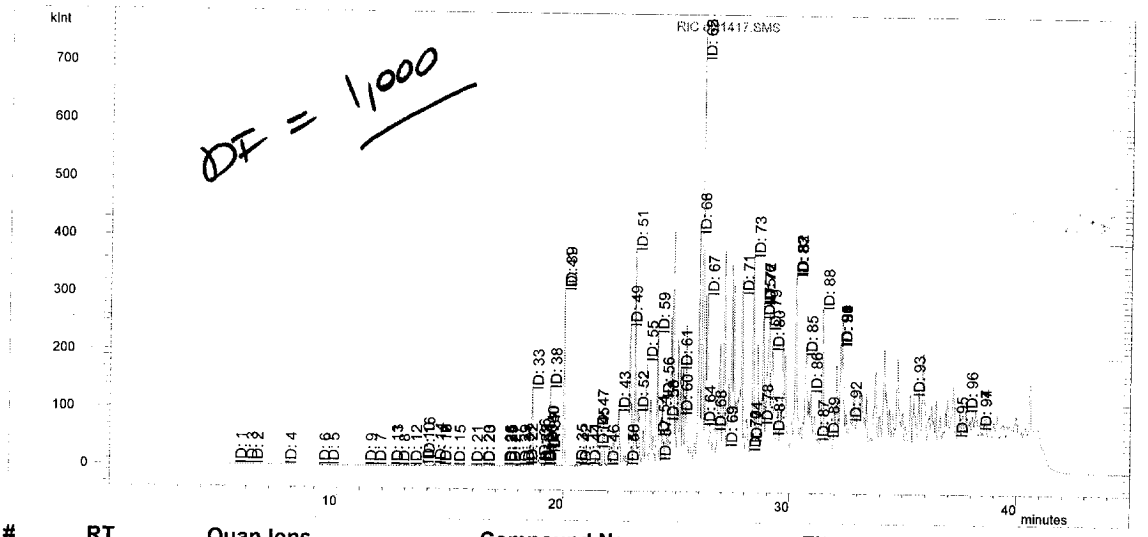
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1417.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 101132-817 20ul **Acquisition Dat** 10/23/02 6:41:53 AM

Inj. Notes: 2.5g -> 10ml **Operator Name:** dp

DF = 1,000



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.011	96+70	Fluorobenzene (IS1)	998	513032	50.000
63	25.960	117	Chlorobenzene-d5(IS2)	978	327574	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	975	148255	50.000
1	5.549	85	Dichlorodifluoromethane	90	0	0.000
2	6.267	50+52	Chloromethane	607	0	0.000
3	6.010	62+64	Vinyl Chloride	720	0	0.000
4	7.743	94+96	Bromomethane	732	0	0.000
5	9.601	49	Chloroethane	449	0	0.000
6	9.219	101+103	Trichlorofluoromethane	785	0	0.000
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	742	0	0.000
8	12.731	56	Acrolein	523	0	0.000
9	11.270	96+61+98	1,1-Dichloroethene	632	0	0.000
10	13.796	142	Iodomethane	661	0	0.000
11	12.406	43+58	Acetone	834	729	1.273
12	13.271	45	Isopropyl alcohol (2-Propanol)	556	0	0.000
13	12.423	76	Carbon disulfide	860	0	0.000
14	14.320	41	Acetonitrile	727	3229	1.361
15	15.182	41	Allyl chloride	365	0	0.000
16	13.829	84+49+86	Methylene Chloride	992	29781	2.616
17	14.555	59	tert-Butanol	456	0	0.000
18	14.567	73	Methyl-tert-butyl-ether (MTBE)	885	0	0.000
19	14.555	61+96	t-1,2-Dichloroethene	741	0	0.000
20	16.465	53	Acrylonitrile	560	0	0.000
21	15.952	63	1,1-Dichloroethane	608	0	0.000
22	18.372	43	Vinyl acetate	594	1760	1759.590

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.492	45	Isopropyl ether	324	0	0.000
24	17.416	59	Ethyl-tert-butyl-ether	668	0	0.000
25	17.479	77+41	2,2-Dichloropropane	489	0	0.000
26	17.404	61+96	c-1,2-Dichloroethene	698	0	0.000
27	17.621	43+72	2-Butanone (MEK)	771	0	0.000
28	19.210	54	Propionitrile	627	0	0.000
29	18.071	130+49	Bromochloromethane	765	0	0.000
30	19.301	39	Methacrylonitrile	440	16457	3.493
31	18.240	83+85	Chloroform	906	1441	0.136
32	19.005	97+99	1,1,1-Trichloroethane	578	0	0.000
33	18.616	111	Dibromofluoromethane (Surr1)	715	116373	53.102
34	19.123	117+119	Carbon Tetrachloride	782	0	0.000
35	20.582	42+72	Tetrahydrofuran	585	0	0.000
36	18.924	75+39	1,1-Dichloropropene	377	1985	0.369
37	19.371	78	Benzene	885	7124	0.881
38	19.413	65	1,2-Dichloroethane-d4 (Surr2)	970	156093	56.959
39	20.013	62+64	1,2-Dichloroethane	368	12783	2.332
40	19.303	73+55+87	tert-Amyl-methyl-ether	572	19681	2.087
42	20.748	130+132+95	Trichloroethene	663	0	0.000
43	22.437	41	Methyl methacrylate	361	42310	42309.550
44	21.170	63+65	1,2-Dichloropropane	385	0	0.000
45	21.514	93+174	Dibromomethane	519	0	0.000
46	21.967	88	1,4-Dioxane	404	0	0.000
47	21.485	83+85	Bromodichloromethane	592	3432	0.435
48	22.852	63+43	2-Chloroethyl vinyl ether	489	0	0.000
49	22.929	75+77+39	c-1,3-Dichloropropene	420	73933	8.592
50	22.852	43+58	4-Methyl-2-pentanone	488	0	0.000
51	23.140	98	Toluene-d8 (Surr3)	998	464060	49.093
52	23.273	92+91	Toluene	503	5257	0.226
53	24.590	69	Ethyl methacrylate	599	0	0.000
54	24.191	43+58+100	2-Hexanone	666	0	0.000
55	23.647	75+77	t-1,3-Dichloropropene	549	1209	0.345
56	24.379	97+99	1,1,2-Trichloroethane	744	10286	2.387
57	24.285	164+166	Tetrachloroethene	442	0	0.000
58	24.590	76+41	1,3-Dichloropropane	594	0	0.000
59	24.149	43	Isobutyl alcohol	665	93518	93518.270
60	25.204	129+127	Dibromochloromethane	543	0	0.000
61	25.176	107+109	1,2-Dibromoethane	733	0	0.000
62	26.120	91	1-Chlorohexane	986	709742	43.324
64	26.219	112+114	Chlorobenzene	364	0	0.000
65	26.119	106+91	Ethylbenzene	986	1024202	39.439
66	25.960	131+117	1,1,1,2-Tetrachloroethane	987	326600	21.813
67	26.344	106+91	p,m-Xylenes	910	101329	4.613
68	26.698	106+91	o-Xylene	712	0	0.000
69	27.208	104+78	Styrene	697	0	0.000
70	28.236	171+173+175	Bromoform	426	0	0.000
71	27.878	105+120	Isopropylbenzene	990	228622	9.152
72	28.821	75	cis-1,4-Dichloro-2-butene	658	0	0.000
73	28.373	95	p-Bromofluorobenzene (Surr4)	987	222822	54.843
74	28.290	83+85	1,1,2,2-Tetrachloroethane	605	0	0.000
75	28.807	77+158	Bromobenzene	758	0	0.000
76	28.819	91+120	n-Propylbenzene	991	399223	13.915

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.821	75	trans-1,4-Dichloro-2-butene	604	0	0.000
78	28.767	75+110	1,2,3-Trichloropropane	604	0	0.000
79	29.089	91+126	2-Chlorotoluene	641	12303	0.665
80	29.237	105+120	1,3,5-Trimethylbenzene	992	257055	11.284
81	29.300	91+126	4-Chlorotoluene	455	0	0.000
82	30.257	119+91	tert-Butylbenzene	551	96118	3.140
83	30.255	105+120	1,2,4-Trimethylbenzene	993	617358	29.888
84	32.248	117	Pentachloroethane	790	16101	173.616
85	30.703	105+134	sec-Butylbenzene	976	135266	5.509
86	30.934	119	4-Isopropyltoluene	988	101190	6.336
87	31.245	146+148	1,3-Dichlorobenzene	539	0	0.000
89	31.706	146+148	1,4-Dichlorobenzene	247	0	0.000
90	32.247	91	Benzyl Chloride	778	42164	3.333
91	32.246	91+134	n-Butylbenzene	804	99193	5.387
92	32.672	146+148	1,2-Dichlorobenzene	598	0	0.000
93	35.474	75+157	1,2-Dibromo-3-chloropropane	233	0	0.000
94	38.408	180+182	1,2,4-Trichlorobenzene	795	0	0.000
95	37.376	225+226	Hexachlorobutadiene	607	0	0.000
96	37.788	128	Naphthalene	978	43381	9.725
97	38.408	180+182	1,2,3-Trichlorobenzene	643	0	0.000

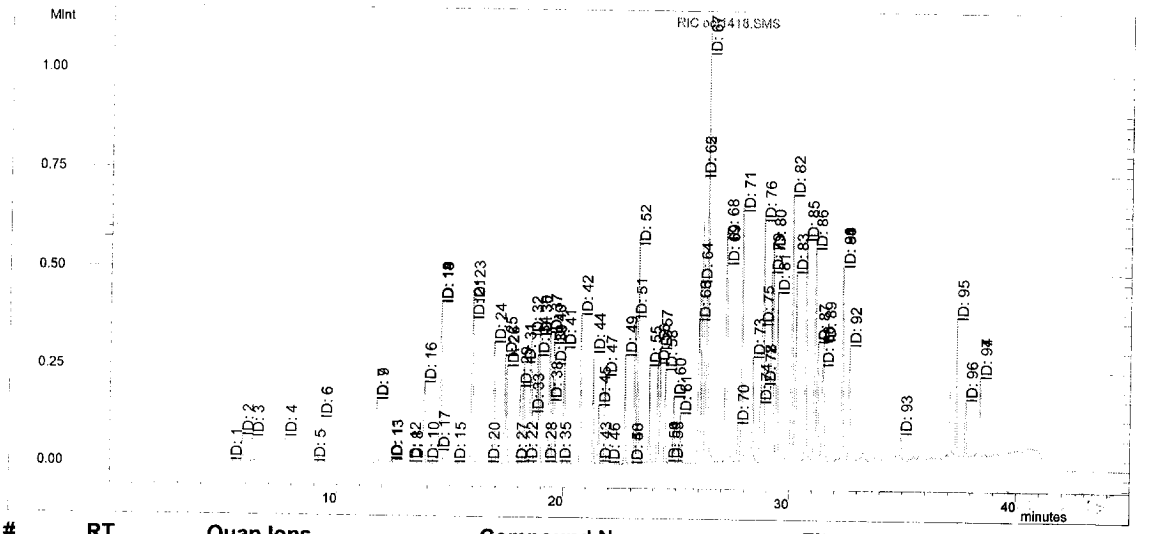
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1418.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS soil **Acquisition Dat** 10/23/02 7:28:48 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.017	96+70	Fluorobenzene (IS1)	998	490447	50.000
63	25.966	117	Chlorobenzene-d5(IS2)	983	312883	50.000
88	31.445	152	1,4-Dichlorobenzene-d4(IS3)	969	143397	50.000
1	5.335	85	Dichlorodifluoromethane	526	222	63.824
2	5.824	50+52	Chloromethane	993	104866	52.609
3	6.275	62+64	Vinyl Chloride	999	188938	45.270
4	7.729	94+96	Bromomethane	947	51235	30.508
5	9.001	49	Chloroethane	352	0	0.000
6	9.275	101+103	Trichlorofluoromethane	992	471544	52.514
7	11.732	101+151	Trichlorotrifluoroethane (Freon 113)	784	0	0.000
8	13.288	56	Acrolein	757	0	0.000
9	11.741	96+61+98	1,1-Dichloroethene	997	502744	51.241
10	13.990	142	Iodomethane	547	0	0.000
11	12.390	43+58	Acetone	982	30022	54.813
12	13.213	45	Isopropyl alcohol (2-Propanol)	585	0	0.000
13	12.422	76	Carbon disulfide	445	379	17.894
14	14.548	41	Acetonitrile	712	125030	55.137
15	15.194	41	Allyl chloride	473	0	0.000
16	13.837	84+49+86	Methylene Chloride	999	481471	44.236
17	14.479	59	tert-Butanol	580	59585	345.760
18	14.548	73	Methyl-tert-butyl-ether (MTBE)	925	231736	44.347
19	14.561	61+96	t-1,2-Dichloroethene	980	432536	54.241
20	16.680	53	Acrylonitrile	330	0	0.000
21	15.945	63	1,1-Dichloroethane	984	307272	54.397
22	18.373	43	Vinyl acetate	490	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.972	45	Isopropyl ether	979	430014	56.955
24	16.916	59	Ethyl-tert-butyl-ether	999	463519	56.646
25	17.394	77+41	2,2-Dichloropropane	993	404695	48.689
26	17.486	61+96	c-1,2-Dichloroethene	991	429300	51.237
27	17.913	43+72	2-Butanone (MEK)	161	0	0.000
28	19.214	54	Propionitrile	515	0	0.000
29	18.071	130+49	Bromochloromethane	990	246975	49.605
30	18.923	39	Methacrylonitrile	994	234873	52.144
31	18.244	83+85	Chloroform	1000	512502	50.710
32	18.552	97+99	1,1,1-Trichloroethane	983	644783	50.531
33	18.621	111	Dibromofluoromethane (Surr1)	939	110223	52.612
34	18.839	117+119	Carbon Tetrachloride	967	508711	50.233
35	19.847	42+72	Tetrahydrofuran	578	0	0.000
36	18.924	75+39	1,1-Dichloropropene	993	124441	24.219
37	19.376	78	Benzene	996	363867	47.045
38	19.421	65	1,2-Dichloroethane-d4 (Surr2)	989	131223	50.089
39	19.588	62+64	1,2-Dichloroethane	988	287620	54.891
40	19.551	73+55+87	tert-Amyl-methyl-ether	972	448312	49.724
42	20.747	130+132+95	Trichloroethene	986	523215	49.337
43	21.629	41	Methyl methacrylate	531	0	0.000
44	21.312	63+65	1,2-Dichloropropane	999	149792	54.524
45	21.563	93+174	Dibromomethane	955	184577	51.663
46	22.012	88	1,4-Dioxane	623	15	15.258
47	21.840	83+85	Bromodichloromethane	991	368766	48.880
48	23.024	63+43	2-Chloroethyl vinyl ether	361	0	0.000
49	22.714	75+77+39	c-1,3-Dichloropropene	990	381721	46.446
50	23.024	43+58	4-Methyl-2-pentanone	276	0	0.000
51	23.145	98	Toluene-d8 (Surr3)	992	453610	50.240
52	23.277	92+91	Toluene	996	1099123	49.514
53	24.821	69	Ethyl methacrylate	460	0	0.000
54	24.677	43+58+100	2-Hexanone	459	0	0.000
55	23.807	75+77	t-1,3-Dichloropropene	668	167596	50.045
56	24.170	97+99	1,1,2-Trichloroethane	971	206832	50.242
57	24.282	164+166	Tetrachloroethene	946	44606	46.193
58	24.508	76+41	1,3-Dichloropropane	986	285204	46.611
59	24.677	43	Isobutyl alcohol	460	0	0.000
60	24.895	129+127	Dibromochloromethane	960	230132	50.749
61	25.167	107+109	1,2-Dibromoethane	981	249556	49.474
62	26.124	91	1-Chlorohexane	996	775136	49.538
64	26.022	112+114	Chlorobenzene	994	597629	46.909
65	26.124	106+91	Ethylbenzene	996	1109843	44.185
66	25.966	131+117	1,1,1,2-Tetrachloroethane	992	312500	21.579
67	26.343	106+91	p,m-Xylenes	992	1889099	88.914
68	27.159	106+91	o-Xylene	998	987611	45.022
69	27.205	104+78	Styrene	987	622227	45.368
70	27.710	171+173+175	Bromoform	928	140322	48.512
71	27.882	105+120	Isopropylbenzene	999	1149855	47.592
72	28.880	75	cis-1,4-Dichloro-2-butene	969	81569	46.463
73	28.377	95	p-Bromofluorobenzene (Surr4)	987	204034	51.920
74	28.706	83+85	1,1,2,2-Tetrachloroethane	976	184112	44.401
75	28.766	77+158	Bromobenzene	990	455345	46.931
76	28.823	91+120	n-Propylbenzene	995	1274512	45.930

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.880	75	trans-1,4-Dichloro-2-butene	966	81569	46.463
78	28.880	75+110	1,2,3-Trichloropropane	966	124505	48.417
79	29.168	91+126	2-Chlorotoluene	991	819509	45.778
80	29.243	105+120	1,3,5-Trimethylbenzene	998	1073298	48.713
81	29.451	91+126	4-Chlorotoluene	991	731557	45.761
82	30.089	119+91	tert-Butylbenzene	988	1475869	49.843
83	30.260	105+120	1,2,4-Trimethylbenzene	994	1016405	50.874
84	32.336	117	Pentachloroethane	990	3385	37.742
85	30.707	105+134	sec-Butylbenzene	996	1146341	48.272
86	31.103	119	4-Isopropyltoluene	987	749193	48.500
87	31.237	146+148	1,3-Dichlorobenzene	984	483091	46.734
89	31.518	146+148	1,4-Dichlorobenzene	985	442666	45.231
90	32.336	91	Benzyl Chloride	992	582262	47.584
91	32.336	91+134	n-Butylbenzene	992	827970	46.491
92	32.652	146+148	1,2-Dichlorobenzene	993	425356	46.035
93	34.927	75+157	1,2-Dibromo-3-chloropropane	948	60875	45.450
94	38.407	180+182	1,2,4-Trichlorobenzene	951	185346	39.771
95	37.366	225+226	Hexachlorobutadiene	928	163512	45.930
96	37,787	128	Naphthalene	979	194671	45.119
97	38.407	180+182	1,2,3-Trichlorobenzene	838	185346	39.771

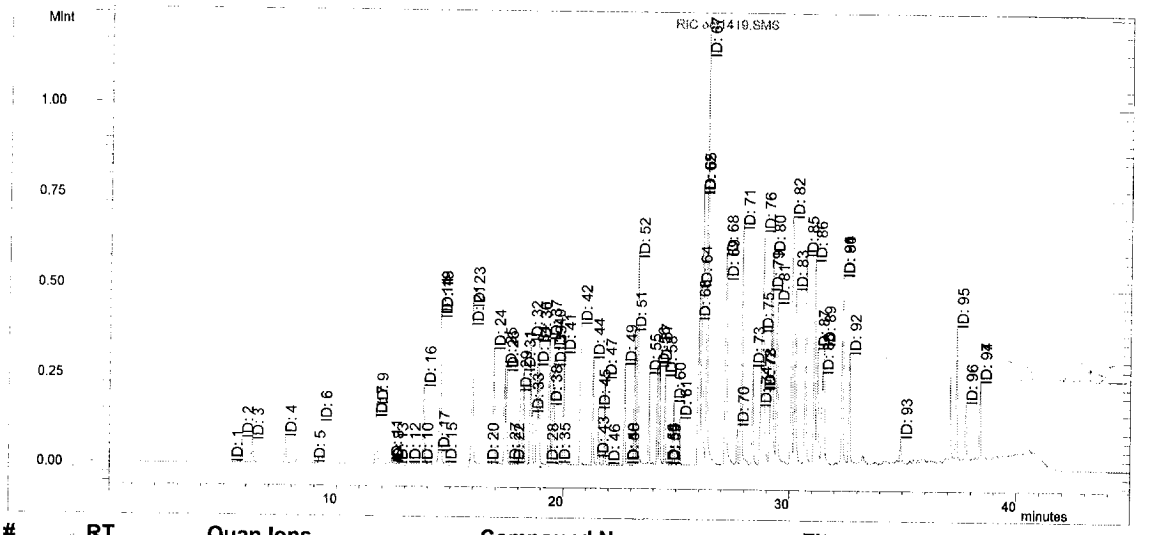
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1419.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCSD soil **Acquisition Dat** 10/23/02 8:15:41 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.012	96+70	Fluorobenzene (IS1)	999	509525	50.000
63	25.961	117	Chlorobenzene-d5(IS2)	989	328063	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	975	149126	50.000
1	5.371	85	Dichlorodifluoromethane	399	0	0.000
2	5.824	50+52	Chloromethane	995	106986	51.663
3	6.274	62+64	Vinyl Chloride	998	191514	44.169
4	7.732	94+96	Bromomethane	949	63181	36.213
5	8.989	49	Chloroethane	678	0	0.000
6	9.273	101+103	Trichlorofluoromethane	994	476832	51.114
7	11.716	101+151	Trichlorotrifluoroethane (Freon 113)	791	0	0.000
8	12.454	56	Acrolein	624	0	0.000
9	11.739	96+61+98	1,1-Dichloroethene	997	511250	50.157
10	13.748	142	Iodomethane	664	0	0.000
11	12.389	43+58	Acetone	964	31208	54.844
12	13.212	45	Isopropyl alcohol (2-Propanol)	567	0	0.000
13	12.647	76	Carbon disulfide	510	0	0.000
14	14.542	41	Acetonitrile	690	134883	57.255
15	14.795	41	Allyl chloride	342	0	0.000
16	13.833	84+49+86	Methylene Chloride	999	500815	44.291
17	14.476	59	tert-Butanol	583	63019	351.995
18	14.546	73	Methyl-tert-butyl-ether (MTBE)	938	245933	45.301
19	14.558	61+96	t-1,2-Dichloroethene	971	446707	53.920
20	16.650	53	Acrylonitrile	606	0	0.000
21	15.941	63	1,1-Dichloroethane	985	319187	54.390
22	17.802	43	Vinyl acetate	510	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.966	45	Isopropyl ether	997	445320	56.774
24	16.911	59	Ethyl-tert-butyl-ether	999	480768	56.554
25	17.389	77+41	2,2-Dichloropropane	993	414893	48.047
26	17.481	61+96	c-1,2-Dichloroethene	991	444090	51.018
27	17.621	43+72	2-Butanone (MEK)	228	0	0.000
28	19.272	54	Propionitrile	547	0	0.000
29	18.066	130+49	Bromochloromethane	990	261860	50.625
30	18.919	39	Methacrylonitrile	995	239341	51.146
31	18.239	83+85	Chloroform	999	532030	50.671
32	18.546	97+99	1,1,1-Trichloroethane	982	656556	49.527
33	18.617	111	Dibromofluoromethane (Surr1)	932	114647	52.675
34	18.834	117+119	Carbon Tetrachloride	970	525329	49.932
35	19.818	42+72	Tetrahydrofuran	693	0	0.000
36	18.919	75+39	1,1-Dichloropropene	993	46352	8.683
37	19.372	78	Benzene	996	379040	47.172
38	19.417	65	1,2-Dichloroethane-d4 (Surr2)	987	139264	51.168
39	19.583	62+64	1,2-Dichloroethane	985	301855	55.451
40	19.546	73+55+87	tert-Amyl-methyl-ether	966	480040	51.249
42	20.742	130+132+95	Trichloroethene	986	539776	48.543
43	21.519	41	Methyl methacrylate	506	0	0.000
44	21.308	63+65	1,2-Dichloropropane	998	151493	52.591
45	21.559	93+174	Dibromomethane	953	194576	51.942
46	22.004	88	1,4-Dioxane	630	0	0.000
47	21.835	83+85	Bromodichloromethane	991	385748	48.765
48	22.848	63+43	2-Chloroethyl vinyl ether	312	0	0.000
49	22.710	75+77+39	c-1,3-Dichloropropene	991	401191	46.556
50	22.860	43+58	4-Methyl-2-pentanone	312	0	0.000
51	23.140	98	Toluene-d8 (Surr3)	993	476168	50.298
52	23.271	92+91	Toluene	996	1146117	49.241
53	24.613	69	Ethyl methacrylate	461	0	0.000
54	24.625	43+58+100	2-Hexanone	413	0	0.000
55	23.803	75+77	t-1,3-Dichloropropene	686	177778	50.629
56	24.164	97+99	1,1,2-Trichloroethane	977	222696	51.592
57	24.275	164+166	Tetrachloroethene	935	45538	44.976
58	24.504	76+41	1,3-Dichloropropane	987	309327	48.214
59	24.700	43	Isobutyl alcohol	356	0	0.000
60	24.891	129+127	Dibromochloromethane	959	244092	51.336
61	25.162	107+109	1,2-Dibromoethane	983	266499	50.388
62	26.120	91	1-Chlorohexane	997	800137	48.769
64	26.016	112+114	Chlorobenzene	992	639984	47.909
65	26.121	106+91	Ethylbenzene	997	1147471	43.928
66	25.961	131+117	1,1,1,2-Tetrachloroethane	995	326929	21.708
67	26.338	106+91	p,m-Xylenes	993	1950508	88.277
68	27.153	106+91	o-Xylene	996	1006825	44.135
69	27.200	104+78	Styrene	985	654662	45.899
70	27.705	171+173+175	Bromoform	939	150074	49.889
71	27.878	105+120	Isopropylbenzene	999	1183265	47.093
72	28.876	75	cis-1,4-Dichloro-2-butene	971	87546	47.952
73	28.372	95	p-Bromofluorobenzene (Surr4)	987	212148	51.911
74	28.700	83+85	1,1,2,2-Tetrachloroethane	974	196391	45.543
75	28.761	77+158	Bromobenzene	985	474466	47.023
76	28.818	91+120	n-Propylbenzene	996	1326469	45.966

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.876	75	trans-1,4-Dichloro-2-butene	966	87546	47.952
78	28.875	75+110	1,2,3-Trichloropropane	966	131255	49.080
79	29.162	91+126	2-Chlorotoluene	991	854091	45.876
80	29.236	105+120	1,3,5-Trimethylbenzene	998	1125332	49.112
81	29.446	91+126	4-Chlorotoluene	995	786336	47.298
82	30.083	119+91	tert-Butylbenzene	983	1516211	49.238
83	30.254	105+120	1,2,4-Trimethylbenzene	994	1048921	50.485
84	32.333	117	Pentachloroethane	993	3981	42.673
85	30.702	105+134	sec-Butylbenzene	996	1174319	47.550
86	31.098	119	4-Isopropyltoluene	987	790778	49.225
87	31.232	146+148	1,3-Dichlorobenzene	984	513858	47.801
89	31.511	146+148	1,4-Dichlorobenzene	982	473746	46.547
90	32.334	91	Benzyl Chloride	994	621828	48.865
91	32.333	91+134	n-Butylbenzene	994	877902	47.401
92	32.647	146+148	1,2-Dichlorobenzene	985	454007	47.248
93	34.924	75+157	1,2-Dibromo-3-chloropropane	946	66573	47.794
94	38.409	180+182	1,2,4-Trichlorobenzene	952	209953	43.320
95	37.366	225+226	Hexachlorobutadiene	933	167446	45.228
96	37.786	128	Naphthalene	980	218924	48.791
97	38.409	180+182	1,2,3-Trichlorobenzene	808	209953	43.320

WATER VOLATILE SURROGATE RECOVERY

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No: SDG No:

EPA Sample No	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	S9 #	S10 #	S11 #	S12 #	S13 #	S14 #	S15 #	S16 #	S17 #	S18 #	S19 #	S20 #	TOTAL OUT
oct1392	108	124	98	103																	0
oct1393	105	117	103	109																	0
oct1394	105	97	103	104																	0
oct1395	105	101	102	103																	0
oct1396	106	117	103	108																	0
oct1397	106	113	102	104																	0
oct1398	104	112	103	106																	0
oct1399	108	118	104	105																	0
oct1400	106	115	103	104																	0
oct1401	106	113	104	109																	0
oct1402	106	99	106	106																	0
oct1403	107	101	105	104																	0
oct1404	107	118	102	105																	0
oct1405	111	127	107	146 *																	1
oct1406	106	122	104	102																	0
oct1407	108	106	98	102																	0
oct1408	107	120	102	106																	0
oct1409	108	102	101	104																	0
oct1410	104	117	100	129																	0
oct1411	105	118	100	113																	0
oct1412	107	117	98	118																	0

292000

EPA Sample No	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	S9 #	S10 #	S11 #	S12 #	S13 #	S14 #	S15 #	S16 #	S17 #	S18 #	S19 #	S20 #	TOTAL OUT
oct1413	106	116	96	112																	0
oct1414	104	110	99	106																	0
oct1415	106	119	99	102																	0
oct1416	105	113	94	111																	0
oct1417	106	114	98	110																	0
oct1418	105	100	100	104																	0
oct1419	105	102	101	104																	0
Replicates:	28	28	28	28																	
Average:	106	112	101	109																	
StdDev:	1	8	3	9																	

			QC Limits			
S 1	=	Dibromofluoromethane (Surr1)	(	70	-	135)
S 2	=	1,2-Dichloroethane-d4 (Surr2)	(	70	-	135)
S 3	=	Toluene-d8 (Surr3)	(	70	-	135)
S 4	=	p-Bromofluorobenzene (Surr4)	(	70	-	135)

Column to be used to flag recovery values.

* Values outside of contract required QC Limits

D System Monitoring Compound diluted out

000263

EPA 8260:

Data
(TCLP)

****

Varian Star Workstation - Generic SampleList Thu Oct 24 09:47:02 2002

SampleList: C:\SaturnWS\samplelist.smp

Created: Sun Oct 29 18:10:46 2000
Modified: Thu Oct 24 07:50:18 2002

****

Line	Sample Type	Sample Name
1	Analysis	water blank
2	Analysis	method blank # 1
3	Analysis	50 ppb 8260 ccv
4	Analysis	LCS # 1
5	Analysis	101144-949 10ml
6	Analysis	101136-933 5ml
7	Analysis	100934-085 5ml
8	Analysis	100934-088 500ul
9	Analysis	100934-095 50ul
10	Analysis	100934-096 10ul
11	Analysis	10132-813 5ml
12	Analysis	10132-bl 5ml
13	Analysis	101118-774 10ml
14	Analysis	101119-776 10ml
15	Analysis	101120-778 10ml
16	Analysis	LCS # 2
17	Analysis	method blank # 2
18	Analysis	50 ppb 8260 ccv # 2
19	Analysis	101121-780 10ml
20	Analysis	101122-782 10ml
21	Analysis	101123-783 10ml
22	Analysis	101124-785 10ml
23	Analysis	101126-788 10ml
24	Analysis	101078-684 5ml
25	Analysis	101098-737 5ml
26	Analysis	100829-739 100ul
27	Analysis	LCS water
28	Analysis	LCSD water

Directory for Data Files: c:\saturnws\data\6oct02

Data File Names: oct%i

Create and update a new RecalcList: c:\saturnws\8260list.rcl.

Overwrite the RecalcList each time the SampleList begins.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No: SDG No:

Instrument ID: GCMS # 6 Calibration Date(s): 8/7/02 8/7/02

Calibration Time(s): 18:30 23:14

Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Index: 1	Level: 1	Replicate: 1	Acquired: 8/7/02 18:30	File: c:\saturnws\data\6aug02\aug1054.sms
Index: 2	Level: 2	Replicate: 1	Acquired: 8/7/02 19:17	File: C:\SaturnWS\data\6aug02\aug1055.SMS
Index: 3	Level: 3	Replicate: 1	Acquired: 8/7/02 20:04	File: C:\SaturnWS\data\6aug02\aug1056.SMS
Index: 4	Level: 4	Replicate: 1	Acquired: 8/7/02 20:51	File: c:\saturnws\data\6aug02\aug1057.sms
Index: 5	Level: 5	Replicate: 1	Acquired: 8/7/02 21:39	File: C:\SaturnWS\data\6aug02\aug1058.SMS
Index: 6	Level: 6	Replicate: 1	Acquired: 8/7/02 22:26	File: C:\SaturnWS\data\6aug02\aug1059.SMS
Index: 7	Level: 7	Replicate: 1	Acquired: 8/7/02 23:14	File: C:\SaturnWS\data\6aug02\aug1060.SMS

RRF = (Area(sample)/(Amount(sample))/(Area(standard)/Amount(standard))

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Dichlorodifluoromethane						0.000		**0.000**	
Chloromethane	0.251	0.196	0.237	0.203	0.190	0.174	0.171	**0.203**	**15.0**
Vinyl Chloride	0.439	0.360	0.477	0.413	0.417	0.426	0.447	**0.425**	**8.5**
Bromomethane	0.237	0.232	0.221	0.175	0.152	0.088	0.094	**0.171**	**36.9**
Trichlorofluoromethane	0.936	0.894	1.005	0.905	0.886	0.890	0.892	**0.915**	**4.7**
Trichlorotrifluoroethane (Freon 113)			0.003	0.002	0.002	0.001	0.001	**0.002**	**47.6**
1,1-Dichloroethene	0.888	0.917	1.056	1.101	0.989	1.009	1.043	**1.000**	**7.6**
Acetone	0.073	0.057	0.053	0.046	0.053	0.048	0.061	**0.056**	**16.3**
Carbon disulfide	0.009	0.003	0.001	0.000	0.000	0.000		**0.002**	**155.4**
Acetonitrile	0.252	0.258	0.251	0.221	0.223	0.203	0.210	**0.231**	**9.5**
Allyl chloride					0.002	0.002	0.002	**0.002**	**4.7**
Methylene Chloride	1.826	1.103	1.052	0.943	0.952	0.932	0.958	**1.110**	**29.0**
tert-Butanol	0.006	0.020	0.021	0.019		0.021		**0.018**	**35.8**

00265

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Methyl-tert-butyl-ether (MTBE)	0.524	0.482	0.493	0.485	0.557	0.560	0.628	0.533	10.0
t-1,2-Dichloroethene	1.064	0.935	0.929	0.770	0.703	0.667	0.623	0.813	20.3
1,1-Dichloroethane	0.674	0.625	0.635	0.567	0.528	0.510	0.492	0.576	12.2
Isopropyl ether	0.893	0.843	0.832	0.746	0.721	0.679	0.675	0.770	11.2
Ethyl-tert-butyl-ether	0.949	0.946	0.921	0.805	0.772	0.725	0.721	0.834	12.2
2,2-Dichloropropane	0.981	0.885	0.916	0.813	0.786	0.778	0.774	0.847	9.5
c-1,2-Dichloroethene	0.860	0.871	0.888	0.829	0.839	0.837	0.856	0.854	2.4
2-Butanone (MEK)	0.087	0.076	0.074	0.066	0.083	0.078	0.095	0.080	11.8
Bromochloromethane	0.471	0.508	0.519	0.490	0.523	0.504	0.539	0.508	4.4
Methacrylonitrile	0.512	0.475	0.493	0.451	0.429	0.425	0.429	0.459	7.6
Chloroform	1.030	1.019	1.060	0.996	1.017	1.024	1.068	1.030	2.4
1,1,1-Trichloroethane	1.307	1.258	1.371	1.261	1.263	1.297	1.350	1.301	3.5
Dibromofluoromethane (Surr1)	0.207	0.217	0.209	0.210	0.212	0.214	0.226	0.214	2.9
Carbon Tetrachloride	0.960	1.004	1.101	1.006	1.013	1.044	1.098	1.032	5.1
1,1-Dichloropropene	0.797	0.624	0.597	0.437	0.391	0.508	0.313	0.524	31.2
Benzene	0.931	0.786	0.791	0.729	0.752	0.751	0.780	0.789	8.4
1,2-Dichloroethane-d4 (Surr2)	0.303	0.295	0.269				0.203	0.268	16.9
1,2-Dichloroethane	0.653	0.630	0.594	0.504	0.483	0.435	0.439	0.534	17.0
tert-Amyl-methyl-ether	1.016	0.951	0.941	0.865	0.898	0.854	0.910	0.919	6.0
Trichloroethene	1.889	1.663	1.754	1.662	1.640	1.601	1.654	1.695	5.7
1,2-Dichloropropane	0.516	0.508	0.479	0.428	0.401	0.376	0.364	0.439	14.2
Dibromomethane	0.578	0.584	0.609	0.552	0.565	0.537	0.571	0.571	4.1
Bromodichloromethane	1.214	1.230	1.232	1.185	1.178	1.175	1.226	1.206	2.1
2-Chloroethyl vinyl ether	0.298	0.286	0.311	0.267	0.285	0.251	0.275	0.282	7.0
c-1,3-Dichloropropene	1.503	1.400	1.382	1.276	1.236	1.201	1.194	1.313	8.9
4-Methyl-2-pentanone	0.389	0.376	0.404	0.361	0.370	0.332	0.352	0.369	6.4
Toluene-d8 (Surr3)	1.490	1.480	1.481	1.430	1.430	1.403	1.386	1.443	2.9
Toluene	4.123	3.621	3.727	3.415	3.323	3.312	3.310	3.547	8.5
t-1,3-Dichloropropene	0.718	0.631	0.627	0.578	0.595	0.002	0.596	0.535	44.8
1,1,2-Trichloroethane	0.578	0.672	0.695	0.661	0.671	0.648	0.679	0.658	5.8
Tetrachloroethene	0.191	0.155	0.156	0.147	0.142	0.142	0.147	0.154	11.0
1,3-Dichloropropane	1.003	0.983	0.989	0.938	0.975	0.948	1.009	0.978	2.7
Dibromochloromethane	0.687	0.735	0.758	0.700	0.738	0.708	0.747	0.725	3.6
1,2-Dibromoethane	0.806	0.783	0.852	0.773	0.824	0.773	0.832	0.806	3.9

000266

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
1-Chlorohexane	3.034	2.639	2.670	2.386	2.319	2.229	2.227	2.501	11.8
Chlorobenzene	2.388	2.020	2.112	1.917	1.918	1.936	1.961	2.036	8.3
Ethylbenzene	10.331	8.560	8.577	8.176	8.206	8.552	8.905	8.758	8.4
1,1,1,2-Tetrachloroethane	24.225	5.781	2.246	1.171	0.787	0.624	0.514	5.050	171.4
p,m-Xylenes	9.172	7.293	7.251	6.846	6.766	7.106	7.425	7.408	11.0
o-Xylene	9.005	7.410	7.569	7.283	7.214	7.447	7.613	7.649	8.0
Styrene	5.401	4.590	4.611	4.452	4.571	4.806	5.044	4.782	7.0
Bromoform	1.136	1.025	1.005	0.946	0.986	0.959	1.004	1.009	6.2
Isopropylbenzene	9.768	8.467	8.494	8.019	7.826	8.078	8.319	8.424	7.6
cis-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
p-Bromofluorobenzene (Surr4)	1.404	1.382	1.344	1.356	1.350	1.368	1.388	1.370	1.6
1,1,2,2-Tetrachloroethane	1.458	1.567	1.507	1.349	1.404	1.386	1.450	1.446	5.1
Bromobenzene	4.000	3.668	3.508	3.266	3.120	3.067	3.051	3.383	10.6
n-Propylbenzene	11.098	9.414	9.619	9.181	9.149	9.467	9.800	9.676	6.9
trans-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
1,2,3-Trichloropropane	1.083	0.999	0.927	0.824	0.825	0.776	0.842	0.897	12.4
2-Chlorotoluene	7.825	6.501	6.151	5.826	5.710	5.782	5.900	6.242	12.0
1,3,5-Trimethylbenzene	9.214	7.748	7.752	7.247	7.070	7.273	7.475	7.683	9.4
4-Chlorotoluene	6.528	5.609	5.569	5.388	5.261	5.270	5.393	5.574	7.9
tert-Butylbenzene	12.564	10.652	10.592	9.794	9.456	9.684	9.530	10.325	10.7
1,2,4-Trimethylbenzene	8.218	7.186	7.075	6.575	6.494	6.574	6.643	6.966	8.8
Pentachloroethane		0.034	0.030	0.032	0.029	0.031	0.033	0.031	5.8
sec-Butylbenzene	9.996	8.283	8.328	7.913	7.738	7.890	7.816	8.280	9.5
4-Isopropyltoluene	6.605	5.598	5.590	5.099	4.902	4.961	4.948	5.386	11.4
1,3-Dichlorobenzene	3.957	3.742	3.706	3.528	3.439	3.407	3.451	3.604	5.7
1,4-Dichlorobenzene	4.021	3.479	3.377	3.287	3.257	3.227	3.239	3.412	8.3
Benzyl Chloride	5.145	4.341	4.321	4.052	3.981	4.030	3.997	4.267	9.7
n-Butylbenzene	7.021	5.980	6.124	5.938	5.964	6.192	6.250	6.210	6.1
1,2-Dichlorobenzene	3.323	3.326	3.220	3.096	3.169	3.164	3.256	3.222	2.7
1,2-Dibromo-3-chloropropane	0.493	0.423	0.460	0.440	0.480	0.453	0.520	0.467	7.1
1,2,4-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1
Hexachlorobutadiene	1.531	1.225	1.202	1.165	1.166	1.177	1.223	1.241	10.5
Naphthalene	1.598	1.418	1.353	1.358	1.524	1.531	1.749	1.504	9.5
1,2,3-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1

192000

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 10/23/02 Time: 12:15

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Lab File ID: c:\saturnws\data\6oct02\oct1422.SMS

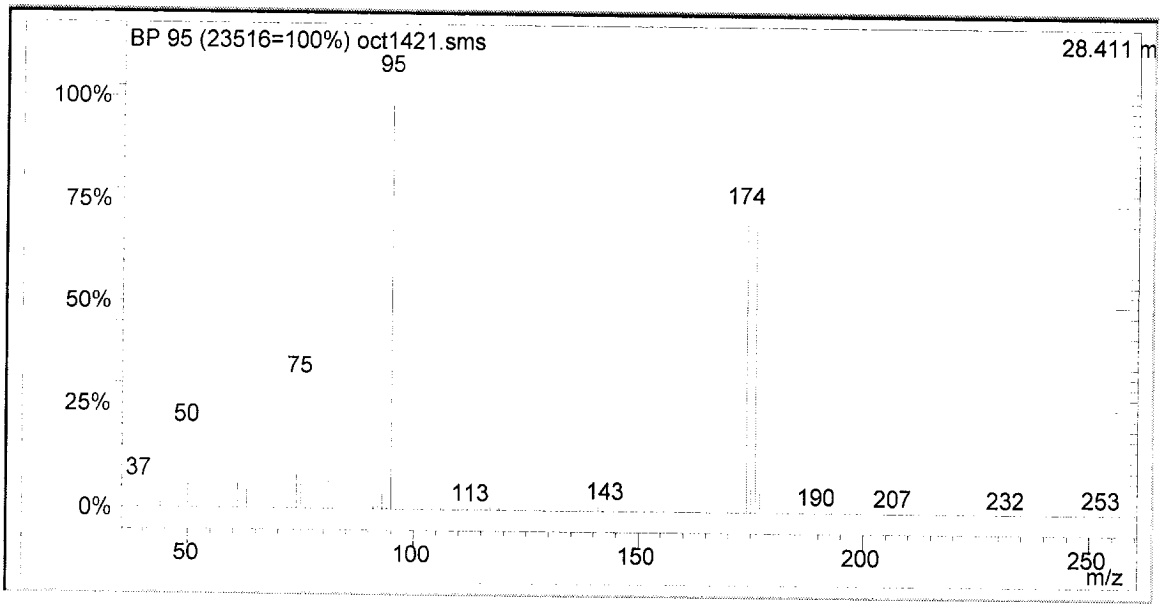
RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.000	0.100	100.0	20.0
Chloromethane	0.203	0.220	0.100	-8.1	20.0
Vinyl Chloride	0.425	0.394	0.100	7.4	20.0
Bromomethane	0.171	0.000	0.100	100.0	20.0
Trichlorofluoromethane	0.915	0.981	0.100	-7.1	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.076	0.100	-7.6	20.0
Acetone	0.056	0.079	0.100	-41.5	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.025	0.100	89.3	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.035	0.100	6.7	20.0
tert-Butanol	0.018	0.109	0.100	-518.6	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.496	0.100	6.9	20.0
t-1,2-Dichloroethene	0.813	0.932	0.100	-14.6	20.0
1,1-Dichloroethane	0.576	0.659	0.100	-14.4	20.0
Isopropyl ether	0.770	0.909	0.100	-18.0	20.0
Ethyl-tert-butyl-ether	0.834	0.976	0.100	-17.1	20.0
2,2-Dichloropropane	0.847	0.929	0.100	-9.6	20.0
c-1,2-Dichloroethene	0.854	0.916	0.100	-7.2	20.0
2-Butanone (MEK)	0.080	0.000	0.100	100.0	20.0
Bromochloromethane	0.508	0.538	0.100	-6.0	20.0
Methacrylonitrile	0.459	0.502	0.100	-9.2	20.0
Chloroform	1.030	1.112	0.100	-7.9	20.0
1,1,1-Trichloroethane	1.301	1.361	0.100	-4.6	20.0
Dibromofluoromethane (Surr1)	0.214	0.227	0.100	-6.3	20.0
Carbon Tetrachloride	1.032	1.074	0.100	-4.0	20.0
1,1-Dichloropropene	0.524	0.136	0.100	74.0	20.0
Benzene	0.789	0.779	0.100	1.2	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.270	0.100	-1.3	20.0
1,2-Dichloroethane	0.534	0.619	0.100	-15.9	20.0
tert-Amyl-methyl-ether	0.919	0.954	0.100	-3.8	20.0
Trichloroethene	1.695	1.740	0.100	-2.7	20.0
1,2-Dichloropropane	0.439	0.494	0.100	-12.5	20.0
Dibromomethane	0.571	0.632	0.100	-10.7	20.0
Bromodichloromethane	1.206	1.239	0.100	-2.8	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.000	0.100	100.0	20.0
e-1,3-Dichloropropene	1.313	1.335	0.100	-1.6	20.0
4-Methyl-2-pentanone	0.369	0.000	0.100	100.0	20.0
Toluene-d8 (Surr3)	1.443	1.474	0.100	-2.2	20.0
Toluene	3.547	3.756	0.100	-5.9	20.0
t-1,3-Dichloropropene	0.535	0.593	0.100	-10.9	20.0
1,1,2-Trichloroethane	0.658	0.698	0.100	-6.1	20.0
Tetrachloroethene	0.154	0.150	0.100	2.5	20.0
1,3-Dichloropropane	0.978	0.959	0.100	1.9	20.0
Dibromochloromethane	0.725	0.765	0.100	-5.6	20.0
1,2-Dibromoethane	0.806	0.813	0.100	-0.9	20.0
1-Chlorohexane	2.501	2.600	0.100	-4.0	20.0
Chlorobenzene	2.036	2.057	0.100	-1.0	20.0
Ethylbenzene	8.758	8.253	0.100	5.8	20.0
1,1,1,2-Tetrachloroethane	5.050	2.180	0.100	56.8	20.0
p,m-Xylenes	7.408	7.106	0.100	4.1	20.0
o-Xylene	7.649	7.363	0.100	3.7	20.0
Styrene	4.782	4.598	0.100	3.9	20.0
Bromoform	1.009	1.004	0.100	0.5	20.0
Isopropylbenzene	8.424	8.363	0.100	0.7	20.0
cis-1,4-Dichloro-2-butene	0.612	0.588	0.100	3.9	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.434	0.100	-4.7	20.0
1,1,2,2-Tetrachloroethane	1.446	1.443	0.100	0.2	20.0
Bromobenzene	3.383	3.344	0.100	1.1	20.0
n-Propylbenzene	9.676	9.406	0.100	2.8	20.0
trans-1,4-Dichloro-2-butene	0.612	0.588	0.100	3.9	20.0
1,2,3-Trichloropropane	0.897	0.899	0.100	-0.2	20.0
2-Chlorotoluene	6.242	6.055	0.100	3.0	20.0
1,3,5-Trimethylbenzene	7.683	7.834	0.100	-2.0	20.0
4-Chlorotoluene	5.574	5.533	0.100	0.7	20.0
tert-Butylbenzene	10.325	10.579	0.100	-2.5	20.0
1,2,4-Trimethylbenzene	6.966	7.286	0.100	-4.6	20.0
Pentachloroethane	0.031	0.032	0.100	-1.8	20.0
sec-Butylbenzene	8.280	8.390	0.100	-1.3	20.0
4-Isopropyltoluene	5.386	5.565	0.100	-3.3	20.0
1,3-Dichlorobenzene	3.604	3.658	0.100	-1.5	20.0
1,4-Dichlorobenzene	3.412	3.394	0.100	0.6	20.0
Benzyl Chloride	4.267	4.407	0.100	-3.3	20.0
n-Butylbenzene	6.210	6.253	0.100	-0.7	20.0
1,2-Dichlorobenzene	3.222	3.139	0.100	2.6	20.0
1,2-Dibromo-3-chloropropane	0.467	0.434	0.100	7.0	20.0
1,2,4-Trichlorobenzene	1.625	1.385	0.100	14.8	20.0
Hexachlorobutadiene	1.241	1.161	0.100	6.5	20.0
Naphthalene	1.504	1.341	0.100	10.9	20.0
1,2,3-Trichlorobenzene	1.625	1.385	0.100	14.8	20.0

000269

BFB 8260B Report



Lab File ID oct1421.sms

Injection Date: 10/23/02

Injection Time: 11:27

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	19.45	PASS
75	30-60% of m/z 95	31.42	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	6.38	PASS
173	<2% of m/z 174	0.96	PASS
174	>50% of m/z 95	73.83	PASS
175	5-9% of m/z 174	7.88	PASS
176	>95% but <101% of m/z 174	95.32	PASS
177	5-9% of m/z 176	6.68	PASS

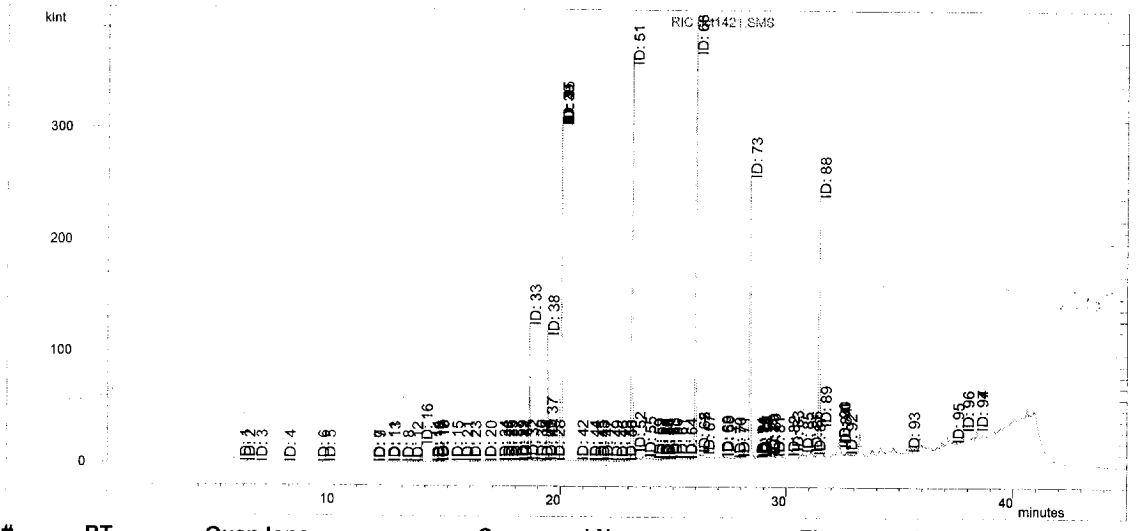
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1421.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 1 **Acquisition Dat** 10/23/02 11:27:16 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.016	96+70	Fluorobenzene (IS1)	999	493907	50.000
63	25.967	117	Chlorobenzene-d5(IS2)	986	314999	50.000
88	31.446	152	1,4-Dichlorobenzene-d4(IS3)	977	140074	50.000
1	5.833	85	Dichlorodifluoromethane	161	0	0.000
2	6.023	50+52	Chloromethane	530	0	0.000
3	6.551	62+64	Vinyl Chloride	773	0	0.000
4	7.818	94+96	Bromomethane	704	0	0.000
5	9.578	49	Chloroethane	112	0	0.000
6	9.282	101+103	Trichlorofluoromethane	786	0	0.000
7	11.732	101+151	Trichlorotrifluoroethane (Freon 113)	606	0	0.000
8	13.026	56	Acrolein	491	0	0.000
9	11.768	96+61+98	1,1-Dichloroethene	859	0	0.000
10	14.399	142	Iodomethane	661	0	0.000
11	12.383	43+58	Acetone	718	0	0.000
12	13.437	45	Isopropyl alcohol (2-Propanol)	187	0	0.000
13	12.435	76	Carbon disulfide	738	531	24.892
14	14.324	41	Acetonitrile	630	0	0.000
15	15.196	41	Allyl chloride	413	0	0.000
16	13.835	84+49+86	Methylene Chloride	994	33782	3.082
17	14.529	59	tert-Butanol	454	0	0.000
18	14.572	73	Methyl-tert-butyl-ether (MTBE)	894	962	0.183
19	14.565	61+96	t-1,2-Dichloroethene	850	0	0.000
20	16.668	53	Acrylonitrile	458	0	0.000
21	15.642	63	1,1-Dichloroethane	692	0	0.000
22	18.120	43	Vinyl acetate	409	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.001	45	Isopropyl ether	531	0	0.000
24	17.299	59	Ethyl-tert-butyl-ether	692	0	0.000
25	17.592	77+41	2,2-Dichloropropane	432	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	859	0	0.000
27	17.797	43+72	2-Butanone (MEK)	216	0	0.000
28	19.705	54	Propionitrile	588	0	0.000
29	18.071	130+49	Bromochloromethane	789	194	0.039
30	18.933	39	Methacrylonitrile	572	0	0.000
31	18.242	83+85	Chloroform	947	1731	0.170
32	18.554	97+99	1,1,1-Trichloroethane	666	0	0.000
33	18.621	111	Dibromofluoromethane (Surr1)	847	112335	53.244
34	19.162	117+119	Carbon Tetrachloride	641	0	0.000
35	20.016	42+72	Tetrahydrofuran	324	161	160.550
36	18.933	75+39	1,1-Dichloropropene	616	0	0.000
37	19.381	78	Benzene	797	777	0.100
38	19.417	65	1,2-Dichloroethane-d4 (Surr2)	941	159630	60.505
39	20.014	62+64	1,2-Dichloroethane	398	12134	2.300
40	19.344	73+55+87	tert-Amyl-methyl-ether	536	0	0.000
42	20.750	130+132+95	Trichloroethene	869	0	0.000
43	21.674	41	Methyl methacrylate	442	0	0.000
44	21.315	63+65	1,2-Dichloropropane	504	0	0.000
45	21.559	93+174	Dibromomethane	777	0	0.000
46	22.513	88	1,4-Dioxane	472	15	15.385
47	21.840	83+85	Bromodichloromethane	887	0	0.000
48	22.878	63+43	2-Chloroethyl vinyl ether	321	0	0.000
49	22.250	75+77+39	c-1,3-Dichloropropene	498	0	0.000
50	22.878	43+58	4-Methyl-2-pentanone	320	0	0.000
51	23.144	98	Toluene-d8 (Surr3)	992	453318	49.871
52	23.282	92+91	Toluene	885	3095	0.138
53	24.786	69	Ethyl methacrylate	371	0	0.000
54	24.592	43+58+100	2-Hexanone	357	0	0.000
55	23.760	75+77	t-1,3-Dichloropropene	443	0	0.000
56	24.462	97+99	1,1,2-Trichloroethane	761	0	0.000
57	24.285	164+166	Tetrachloroethene	620	0	0.000
58	24.514	76+41	1,3-Dichloropropane	566	0	0.000
59	24.155	43	Isobutyl alcohol	239	0	0.000
60	24.900	129+127	Dibromochloromethane	852	0	0.000
61	25.157	107+109	1,2-Dibromoethane	624	0	0.000
62	26.127	91	1-Chlorohexane	936	0	0.000
64	25.567	112+114	Chlorobenzene	549	0	0.000
65	26.127	106+91	Ethylbenzene	955	0	0.000
66	25.967	131+117	1,1,1,2-Tetrachloroethane	991	315328	22.291
67	26.355	106+91	p,m-Xylenes	975	0	0.000
68	27.152	106+91	o-Xylene	930	0	0.000
69	27.215	104+78	Styrene	931	0	0.000
70	27.716	171+173+175	Bromoform	842	0	0.000
71	27.885	105+120	Isopropylbenzene	924	0	0.000
72	28.901	75	cis-1,4-Dichloro-2-butene	634	0	0.000
73	28.378	95	p-Bromofluorobenzene (Surr4)	989	202637	52.788
74	28.708	83+85	1,1,2,2-Tetrachloroethane	624	0	0.000
75	28.771	77+158	Bromobenzene	926	0	0.000
76	28.838	91+120	n-Propylbenzene	936	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.901	75	trans-1,4-Dichloro-2-butene	530	0	0.000
78	28.889	75+110	1,2,3-Trichloropropane	548	0	0.000
79	29.169	91+126	2-Chlorotoluene	880	0	0.000
80	29.258	105+120	1,3,5-Trimethylbenzene	966	0	0.000
81	29.454	91+126	4-Chlorotoluene	950	0	0.000
82	30.096	119+91	tert-Butylbenzene	948	0	0.000
83	30.265	105+120	1,2,4-Trimethylbenzene	989	933	0.048
84	32.383	117	Pentachloroethane	953	0	0.000
85	30.718	105+134	sec-Butylbenzene	955	0	0.000
86	31.106	119	4-Isopropyltoluene	971	0	0.000
87	31.247	146+148	1,3-Dichlorobenzene	925	0	0.000
89	31.515	146+148	1,4-Dichlorobenzene	433	0	0.000
90	32.345	91	Benzyl Chloride	940	7988	0.668
91	32.345	91+134	n-Butylbenzene	938	9638	0.554
92	32.655	146+148	1,2-Dichlorobenzene	951	0	0.000
93	35.417	75+157	1,2-Dibromo-3-chloropropane	476	0	0.000
94	38.412	180+182	1,2,4-Trichlorobenzene	948	7089	1.557
95	37.361	225+226	Hexachlorobutadiene	831	0	0.000
96	37.791	128	Naphthalene	968	12517	2.970
97	38.412	180+182	1,2,3-Trichlorobenzene	811	7089	1.557

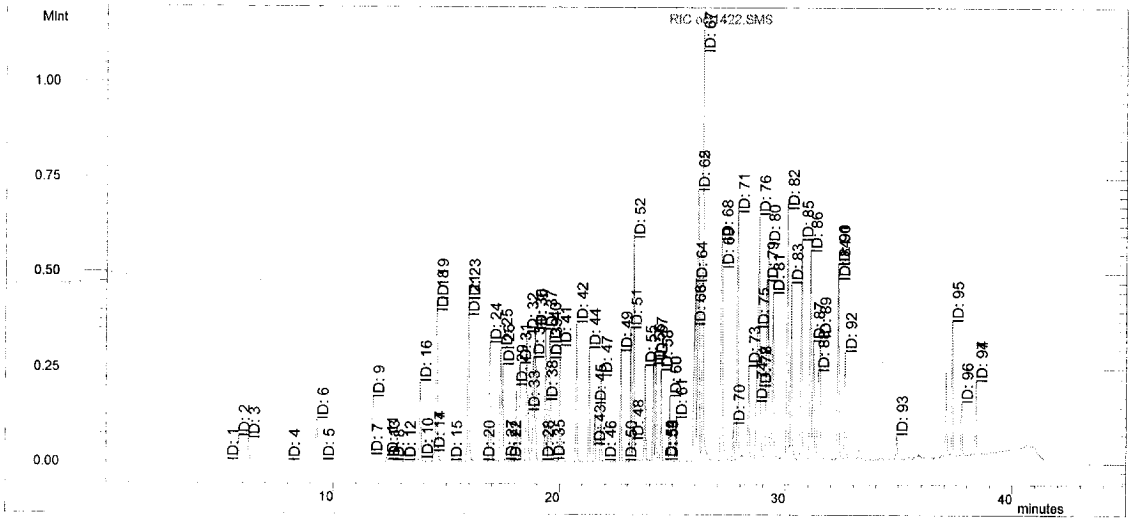
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1422.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv **Acquisition Dat** 10/23/02 12:15:09 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.012	96+70	Fluorobenzene (IS1)	999	481743	50.000
63	25.961	117	Chlorobenzene-d5(IS2)	990	300321	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	970	136176	50.000
1	5.332	85	Dichlorodifluoromethane	406	0	0.000
2	5.820	50+52	Chloromethane	995	105799	54.036
3	6.270	62+64	Vinyl Chloride	999	189889	46.320
4	8.035	94+96	Bromomethane	713	0	0.000
5	9.548	49	Chloroethane	112	0	0.000
6	9.274	101+103	Trichlorofluoromethane	995	472412	53.561
7	11.675	101+151	Trichlorotrifluoroethane (Freon 113)	746	0	0.000
8	12.646	56	Acrolein	549	0	0.000
9	11.740	96+61+98	1,1-Dichloroethene	998	518431	53.795
10	13.912	142	Iodomethane	661	0	0.000
11	12.367	43+58	Acetone	966	38076	70.773
12	13.158	45	Isopropyl alcohol (2-Propanol)	587	0	0.000
13	12.428	76	Carbon disulfide	555	0	0.000
14	14.434	41	Acetonitrile	709	11956	5.368
15	15.191	41	Allyl chloride	385	0	0.000
16	13.834	84+49+86	Methylene Chloride	999	498476	46.626
17	14.435	59	tert-Butanol	571	52355	309.297
18	14.543	73	Methyl-tert-butyl-ether (MTBE)	927	239036	46.570
19	14.560	61+96	t-1,2-Dichloroethene	981	448889	57.308
20	16.628	53	Acrylonitrile	751	0	0.000
21	15.942	63	1,1-Dichloroethane	985	317401	57.205
22	17.813	43	Vinyl acetate	496	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.968	45	Isopropyl ether	997	437684	59.019
24	16.912	59	Ethyl-tert-butyl-ether	999	470417	58.528
25	17.390	77+41	2,2-Dichloropropane	993	447316	54.789
26	17.482	61+96	c-1,2-Dichloroethene	991	441104	53.598
27	17.624	43+72	2-Butanone (MEK)	209	0	0.000
28	19.259	54	Propionitrile	385	0	0.000
29	18.067	130+49	Bromochloromethane	996	259243	53.010
30	18.919	39	Methacrylonitrile	993	241654	54.619
31	18.240	83+85	Chloroform	999	535554	53.948
32	18.547	97+99	1,1,1-Trichloroethane	985	655597	52.307
33	18.618	111	Dibromofluoromethane (Surr1)	933	109396	53.161
34	18.835	117+119	Carbon Tetrachloride	972	517261	52.001
35	19.727	42+72	Tetrahydrofuran	603	0	0.000
36	18.920	75+39	1,1-Dichloropropene	993	65700	13.018
37	19.372	78	Benzene	996	375331	49.404
38	19.416	65	1,2-Dichloroethane-d4 (Surr2)	988	130311	50.639
39	19.583	62+64	1,2-Dichloroethane	977	298199	57.938
40	19.547	73+55+87	tert-Amyl-methyl-ether	972	459642	51.902
42	20.743	130+132+95	Trichloroethene	987	522633	51.343
43	21.528	41	Methyl methacrylate	577	0	0.000
44	21.308	63+65	1,2-Dichloropropane	999	148302	56.240
45	21.558	93+174	Dibromomethane	954	189842	55.359
46	22.021	88	1,4-Dioxane	428	18	17.786
47	21.835	83+85	Bromodichloromethane	990	372170	51.394
48	23.230	63+43	2-Chloroethyl vinyl ether	317	0	0.000
49	22.709	75+77+39	c-1,3-Dichloropropene	983	400812	50.809
50	22.914	43+58	4-Methyl-2-pentanone	317	0	0.000
51	23.140	98	Toluene-d8 (Surr3)	993	442823	51.097
52	23.271	92+91	Toluene	996	1127918	52.936
53	24.760	69	Ethyl methacrylate	587	0	0.000
54	24.697	43+58+100	2-Hexanone	628	0	0.000
55	23.802	75+77	t-1,3-Dichloropropene	647	178183	55.432
56	24.164	97+99	1,1,2-Trichloroethane	972	209609	53.046
57	24.276	164+166	Tetrachloroethene	938	45178	48.741
58	24.504	76+41	1,3-Dichloropropane	987	288100	49.054
59	24.709	43	Isobutyl alcohol	351	0	0.000
60	24.890	129+127	Dibromochloromethane	952	229845	52.805
61	25.162	107+109	1,2-Dibromoethane	974	244198	50.437
62	26.118	91	1-Chlorohexane	996	780946	51.997
64	26.017	112+114	Chlorobenzene	994	617660	50.509
65	26.118	106+91	Ethylbenzene	996	1123838	47.114
66	25.961	131+117	1,1,1,2-Tetrachloroethane	996	296881	21.587
67	26.338	106+91	p,m-Xylenes	992	1935333	95.919
68	27.154	106+91	o-Xylene	998	1002653	48.131
69	27.199	104+78	Styrene	987	626156	48.075
70	27.704	171+173+175	Bromoform	921	136655	49.749
71	27.878	105+120	Isopropylbenzene	999	1138834	49.635
72	28.876	75	cis-1,4-Dichloro-2-butene	970	80118	48.056
73	28.373	95	p-Bromofluorobenzene (Surr4)	987	195300	52.333
74	28.701	83+85	1,1,2,2-Tetrachloroethane	973	196483	49.897
75	28.761	77+158	Bromobenzene	985	455420	49.428
76	28.819	91+120	n-Propylbenzene	995	1280819	48.605

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.876	75	trans-1,4-Dichloro-2-butene	967	80118	48.056
78	28.876	75+110	1,2,3-Trichloropropane	967	122390	50.118
79	29.162	91+126	2-Chlorotoluene	991	824598	48.504
80	29.237	105+120	1,3,5-Trimethylbenzene	998	1066746	50.983
81	29.445	91+126	4-Chlorotoluene	992	753487	49.632
82	30.083	119+91	tert-Butylbenzene	983	1440673	51.234
83	30.254	105+120	1,2,4-Trimethylbenzene	995	992176	52.294
84	32.341	117	Pentachloroethane	989	4336	50.897
85	30.703	105+134	sec-Butylbenzene	996	1142576	50.664
86	31.097	119	4-Isopropyltoluene	987	757766	51.656
87	31.234	146+148	1,3-Dichlorobenzene	985	498142	50.745
89	31.514	146+148	1,4-Dichlorobenzene	981	462124	49.723
90	32.333	91	Benzyl Chloride	991	600129	51.644
91	32.333	91+134	n-Butylbenzene	991	851539	50.350
92	32.648	146+148	1,2-Dichlorobenzene	984	427438	48.713
93	34.925	75+157	1,2-Dibromo-3-chloropropane	965	59126	46.484
94	38.409	180+182	1,2,4-Trichlorobenzene	956	188571	42.608
95	37.366	225+226	Hexachlorobutadiene	930	158108	46.766
96	37.787	128	Naphthalene	980	182633	44.574
97	38.409	180+182	1,2,3-Trichlorobenzene	825	188571	42.608

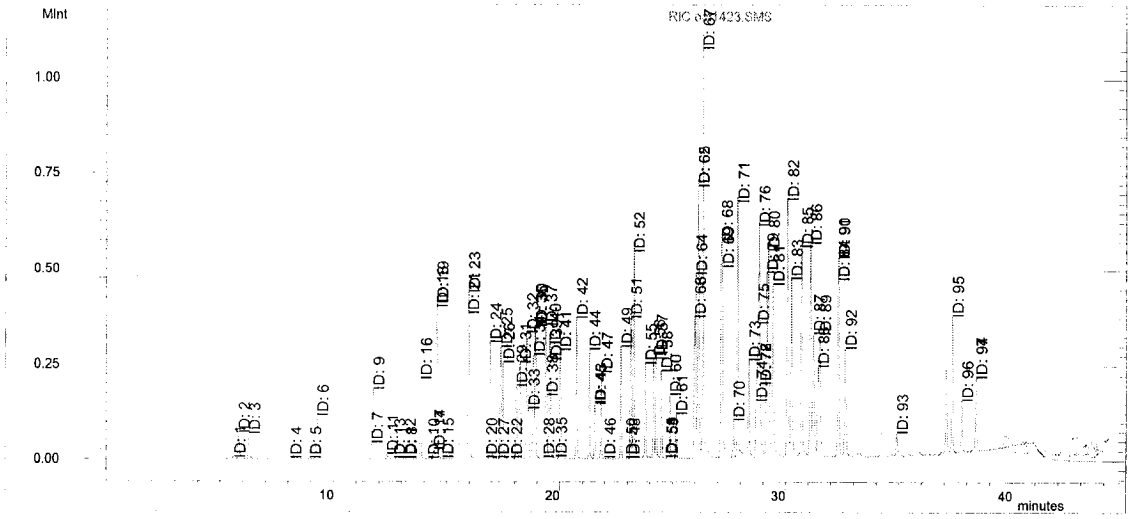
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1423.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 1 **Acquisition Dat** 10/23/02 1:02:07 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.012	96+70	Fluorobenzene (IS1)	999	480441	50.000
63	25.962	117	Chlorobenzene-d5(IS2)	989	300879	50.000
88	31.441	152	1,4-Dichlorobenzene-d4(IS3)	967	138480	50.000
1	5.640	85	Dichlorodifluoromethane	593	0	0.000
2	5.826	50+52	Chloromethane	997	111709	57.209
3	6.279	62+64	Vinyl Chloride	998	194044	47.462
4	8.111	94+96	Bromomethane	741	0	0.000
5	8.963	49	Chloroethane	618	0	0.000
6	9.275	101+103	Trichlorofluoromethane	994	479904	54.558
7	11.689	101+151	Trichlorotrifluoroethane (Freon 113)	777	0	0.000
8	13.200	56	Acrolein	558	0	0.000
9	11.742	96+61+98	1,1-Dichloroethene	999	580268	60.375
10	14.180	142	Iodomethane	661	0	0.000
11	12.365	43+58	Acetone	982	34988	65.210
12	13.148	45	Isopropyl alcohol (2-Propanol)	541	0	0.000
13	12.671	76	Carbon disulfide	557	0	0.000
14	14.429	41	Acetonitrile	712	11706	5.270
15	14.807	41	Allyl chloride	374	0	0.000
16	13.835	84+49+86	Methylene Chloride	999	502867	47.164
17	14.427	59	tert-Butanol	608	47927	283.904
18	14.544	73	Methyl-tert-butyl-ether (MTBE)	923	230534	45.036
19	14.559	61+96	t-1,2-Dichloroethene	988	457835	58.609
20	16.740	53	Acrylonitrile	574	0	0.000
21	15.941	63	1,1-Dichloroethane	970	311307	56.259
22	17.851	43	Vinyl acetate	469	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.967	45	Isopropyl ether	979	426707	57.694
24	16.911	59	Ethyl-tert-butyl-ether	999	459007	57.263
25	17.390	77+41	2,2-Dichloropropane	993	447197	54.923
26	17.482	61+96	c-1,2-Dichloroethene	991	439229	53.514
27	17.260	43+72	2-Butanone (MEK)	192	0	0.000
28	19.280	54	Propionitrile	568	0	0.000
29	18.067	130+49	Bromochloromethane	990	251406	51.547
30	18.920	39	Methacrylonitrile	997	236420	53.581
31	18.239	83+85	Chloroform	1000	516553	52.175
32	18.548	97+99	1,1,1-Trichloroethane	983	646171	51.695
33	18.618	111	Dibromofluoromethane (Surr1)	944	109663	53.435
34	18.835	117+119	Carbon Tetrachloride	968	515991	52.014
35	19.823	42+72	Tetrahydrofuran	652	0	0.000
36	18.921	75+39	1,1-Dichloropropene	993	24630	4.893
37	19.373	78	Benzene	996	372257	49.132
38	19.416	65	1,2-Dichloroethane-d4 (Surr2)	986	129543	50.477
39	19.582	62+64	1,2-Dichloroethane	982	290520	56.599
40	19.547	73+55+87	tert-Amyl-methyl-ether	968	448218	50.749
42	20.744	130+132+95	Trichloroethene	988	519175	50.909
43	21.561	41	Methyl methacrylate	457	0	0.000
44	21.309	63+65	1,2-Dichloropropane	999	148266	56.122
45	21.559	93+174	Dibromomethane	955	179374	52.210
46	21.983	88	1,4-Dioxane	551	14	14.280
47	21.835	83+85	Bromodichloromethane	990	362656	49.988
48	23.048	63+43	2-Chloroethyl vinyl ether	448	0	0.000
49	22.709	75+77+39	c-1,3-Dichloropropene	991	396462	50.164
50	22.945	43+58	4-Methyl-2-pentanone	275	0	0.000
51	23.141	98	Toluene-d8 (Surr3)	993	440080	50.686
52	23.272	92+91	Toluene	996	1108683	51.937
53	24.745	69	Ethyl methacrylate	624	0	0.000
54	24.718	43+58+100	2-Hexanone	466	0	0.000
55	23.802	75+77	t-1,3-Dichloropropene	636	172372	53.525
56	24.165	97+99	1,1,2-Trichloroethane	972	199323	50.349
57	24.276	164+166	Tetrachloroethene	963	44332	47.740
58	24.503	76+41	1,3-Dichloropropane	986	284893	48.418
59	24.757	43	Isobutyl alcohol	328	0	0.000
60	24.890	129+127	Dibromochloromethane	954	222427	51.006
61	25.163	107+109	1,2-Dibromoethane	982	235685	48.589
62	26.119	91	1-Chlorohexane	995	788515	52.403
64	26.018	112+114	Chlorobenzene	994	607125	49.556
65	26.119	106+91	Ethylbenzene	995	1133751	46.739
66	25.962	131+117	1,1,1,2-Tetrachloroethane	995	298692	21.358
67	26.339	106+91	p,m-Xylenes	992	1901631	92.681
68	27.155	106+91	o-Xylene	998	997859	47.104
69	27.201	104+78	Styrene	988	620398	46.840
70	27.706	171+173+175	Bromoform	927	134383	48.108
71	27.879	105+120	Isopropylbenzene	999	1176731	50.433
72	28.875	75	cis-1,4-Dichloro-2-butene	967	75336	44.436
73	28.374	95	p-Bromofluorobenzene (Surr4)	987	195012	51.386
74	28.702	83+85	1,1,2,2-Tetrachloroethane	973	185634	46.358
75	28.762	77+158	Bromobenzene	984	449952	48.022
76	28.820	91+120	n-Propylbenzene	996	1280428	47.782

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.875	75	trans-1,4-Dichloro-2-butene	967	75336	44.436
78	28.876	75+110	1,2,3-Trichloropropane	967	115109	46.352
79	29.164	91+126	2-Chlorotoluene	991	814454	47.111
80	29.238	105+120	1,3,5-Trimethylbenzene	998	1070140	50.294
81	29.447	91+126	4-Chlorotoluene	992	770462	49.906
82	30.084	119+91	tert-Butylbenzene	985	1440531	50.377
83	30.256	105+120	1,2,4-Trimethylbenzene	995	994352	51.537
84	32.324	117	Pentachloroethane	993	4147	47.878
85	30.703	105+134	sec-Butylbenzene	997	1136532	49.558
86	31.100	119	4-Isopropyltoluene	986	768656	51.527
87	31.234	146+148	1,3-Dichlorobenzene	984	499226	50.010
89	31.515	146+148	1,4-Dichlorobenzene	984	457942	48.453
90	32.335	91	Benzyl Chloride	990	611647	51.760
91	32.335	91+134	n-Butylbenzene	990	866888	50.405
92	32.650	146+148	1,2-Dichlorobenzene	986	427570	47.918
93	34.927	75+157	1,2-Dibromo-3-chloropropane	948	56754	43.877
94	38.410	180+182	1,2,4-Trichlorobenzene	959	186942	41.537
95	37.367	225+226	Hexachlorobutadiene	932	163177	47.463
96	37.787	128	Naphthalene	979	180987	43.437
97	38.410	180+182	1,2,3-Trichlorobenzene	823	186942	41.537

Associated Laboratories

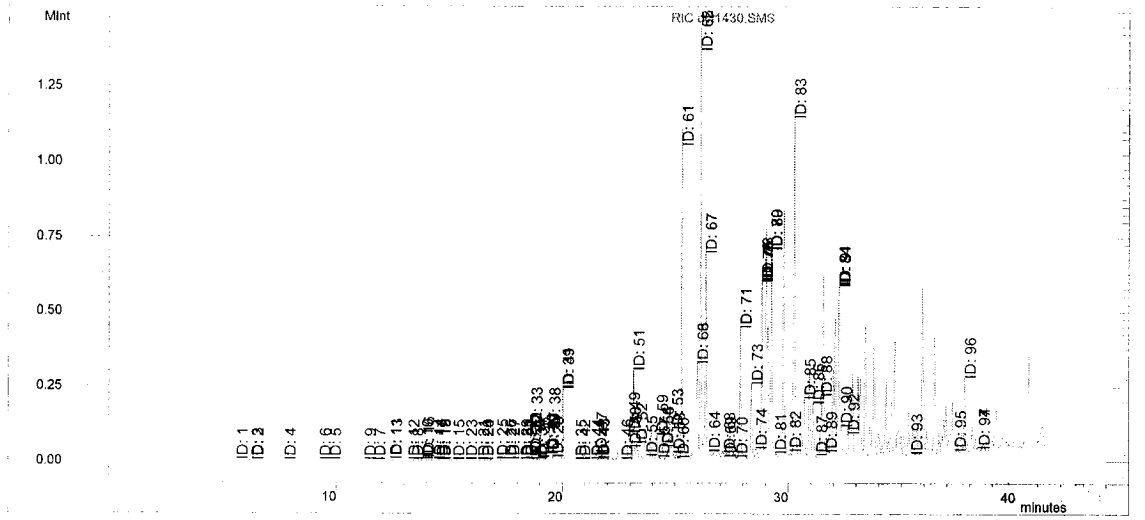
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6oct02\oct1430.S **Calc Method:** C:\SaturnWS\8260quant3.mth

MS 101132

Sample Name: ~~10132-~~813 5ml **Acquisition Dat** 10/23/02 6:33:32 PM

Inj. Notes: TCLP **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.019	96+70	Fluorobenzene (IS1)	998	409416	50.000
63	25.969	117	Chlorobenzene-d5(IS2)	981	262495	50.000
88	31.450	152	1,4-Dichlorobenzene-d4(IS3)	983	122457	50.000
1	5.627	85	Dichlorodifluoromethane	34	0	0.000
2	6.322	50+52	Chloromethane	565	0	0.000
3	6.270	62+64	Vinyl Chloride	803	0	0.000
4	7.742	94+96	Bromomethane	879	0	0.000
5	9.731	49	Chloroethane	447	0	0.000
6	9.281	101+103	Trichlorofluoromethane	763	0	0.000
7	11.680	101+151	Trichlorotrifluoroethane (Freon 113)	715	0	0.000
8	13.361	56	Acrolein	482	0	0.000
9	11.270	96+61+98	1,1-Dichloroethene	537	0	0.000
10	13.795	142	Iodomethane	532	0	0.000
11	12.397	43+58	Acetone	952	14918	32.628
12	13.195	45	Isopropyl alcohol (2-Propanol)	887	0	0.000
13	12.431	76	Carbon disulfide	704	2533	143.326
14	14.324	41	Acetonitrile	751	3351	1.770
15	15.184	41	Allyl chloride	383	0	0.000
16	13.843	84+49+86	Methylene Chloride	993	22787	2.508
17	14.450	59	tert-Butanol	433	0	0.000
18	14.569	73	Methyl-tert-butyl-ether (MTBE)	883	1414	0.324
19	14.540	61+96	t-1,2-Dichloroethene	736	0	0.000
20	16.466	53	Acrylonitrile	647	0	0.000
21	16.273	63	1,1-Dichloroethane	655	0	0.000
22	18.376	43	Vinyl acetate	582	0	0.000

EPA Sample No	S1	#	S2	#	S3	#	S4	#	S5	#	S6	#	S7	#	S8	#	S9	#	S10	#	S11	#	S12	#	S13	#	S14	#	S15	#	S16	#	S17	#	S18	#	S19	#	S20	#	TOTAL OUT
oct1441	99		101		107		106																																0
oct1442	103		101		106		108																																0
oct1443	106		122		99		106																																0
oct1444	109		135		99		107																																0
oct1445	107		116		99		141	*																															1
oct1446	108		99		102		107																																0
oct1447	107		99		103		100																																0
Replicates:	28		28		28		28																																
Average:	105		108		102		106																																
StdDev:	4		11		3		7																																

			QC Limits			
S 1	=	Dibromofluoromethane (Surr1)	(	70	-	135)
S 2	=	1,2-Dichloroethane-d4 (Surr2)	(	70	-	135)
S 3	=	Toluene-d8 (Surr3)	(	70	-	135)
S 4	=	p-Bromofluorobenzene (Surr4)	(	70	-	135)

Column to be used to flag recovery values.

* Values outside of contract required QC Limits

D System Monitoring Compound diluted out

EPA 8270:

Data & QA/QC

Sequence Name: C:\HPCHEM\1\SEQUENCE\102202.S
Comment: data analyzed on the 22nd of October 2002
Operator: dp
Data Path: C:\HPCHEM\1\DATA\OCT02\102202\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	102201	DFTPP525	50 ng of DFTPP Tune
2	Sample	3	102202	020401	50 ppm 8270 ccv
3	Sample	7	102203	020401	MB 101132
4	Sample	8	102204	020401	LCS 101132
5	Sample	9	102205	020401	101132-809
6	Sample	10	102206	020401	101132-809, MS
7	Sample	11	102207	020401	101132-809, MSD
8	Sample	12	102208	020401	101132-810
9	Sample	13	102209	020401	101132-811
10	Sample	14	102210	020401	101132-812
11	Sample	15	102211	020401	101132-813
12	Sample	16	102212	020401	101132-814
13	Sample	17	102213	020401	101132-815
14	Sample	18	102214	020401	101132-816
15	Sample	19	102215	020401	101132-817
16	Sample	1	102216	DFTPP525	50 ng of DFTPP Tune
17	Sample	3	102217	020401	50 ppm 8270 ccv
18	Sample	20	102218	020401	MB 100829
19	Sample	21	102219	020401	LCS 100829
20	Sample	22	102220	020401	100829-739
21	Sample	23	102221	020401	100829-739, MS
22	Sample	24	102222	020401	100829-739, MSD
23	Sample	25	102223	020401	MB 100809, base/neutral
24	Sample	26	102224	020401	LCS 100809, base/neutral
25	Sample	27	102225	020401	LCSD 100809, base/neutral
26	Sample	28	102226	020401	MB 100809, acid
27	Sample	29	102227	020401	LCS 100809, acid
28	Sample	30	102228	020401	LCSD 100809, acid
29	Sample	1	102229	DFTPP525	50 ng of DFTPP Tune
30	Sample	3	102230	020401	50 ppm 8270 ccv
31	Sample	31	102231	020401	100809-648, base/neutral
32	Sample	32	102232	020401	100809-648, acid
33	Sample	33	102233	020401	MB 101025
34	Sample	34	102234	020401	LCS 101025
35	Sample	35	102235	020401	LCSD 101025
36	Sample	36	102236	020401	101025-454
37	Sample	37	102237	020401	101022-444
38	Sample	3	102238	020401	50 ppm 8270 ccv

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration

Non-Spiked Sample: 102203.D, MB 101132, method blank - soil samples

	Spike Sample	Spike Duplicate Sample
File ID :	102204.D	
Sample :	LCS 101132	
Acq Time:	22 Oct 2002 6:25 pm	

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.2	50	32		64			35	26-125
2-Chlorophenol	0.0	50	30		60			50	25-125
1,4-Dichlorobenzene	0.0	50	33		66			27	28-104
n-Nitroso-di-n-propy	0.2	50	36		71			38	41-126
1,2,4-Trichlorobenze	0.0	50	37		74			23	38-107
4-Chloro-3-methylphe	0.0	50	35		70			33	26-103
Acenaphthene	0.0	50	34		68			19	31-137
4-Nitrophenol	0.0	50	14		27			50	11-114
2,4-Dinitrotoluene	0.0	50	35		69			47	28- 89
Pentachlorophenol	0.0	50	11		23			47	17-109
Pyrene	0.0	50	37		75			36	35-142

- Fails Limit Check

100302.M Wed Oct 23 09:24:32 2002

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration

Non-Spiked Sample: 102205.D, 101132-809, soil sample

	Spike Sample	Spike Duplicate Sample
File ID :	102206.D	102207.D
Sample :	101132-809, MS	101132-809, MSD
Acq Time:	22 Oct 2002 7:52 pm	22 Oct 2002 8:35 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.4	50	48	48	94	96	2	35	26-125
2-Chlorophenol	0.0	50	40	37	79	73	8	50	25-125
1,4-Dichlorobenzene	0.0	50	46	48	92	96	4	27	28-104
n-Nitroso-di-n-propy	0.4	50	59	60	117	120	2	38	41-126
1,2,4-Trichlorobenze	0.3	50	46	45	91	90	1	23	38-107
4-Chloro-3-methylphe	0.2	50	50	53	100	106#	6	33	26-103
Acenaphthene	0.7	50	33	34	65	67	4	19	31-137
4-Nitrophenol	0.4	50	34	35	63	65	3	50	11-114
2,4-Dinitrotoluene	0.1	50	40	38	69	67	4	47	28- 89
Pentachlorophenol	0.1	50	21	21	41	41	1	47	17-109
Pyrene	0.1	50	50	47	99	95	4	36	35-142

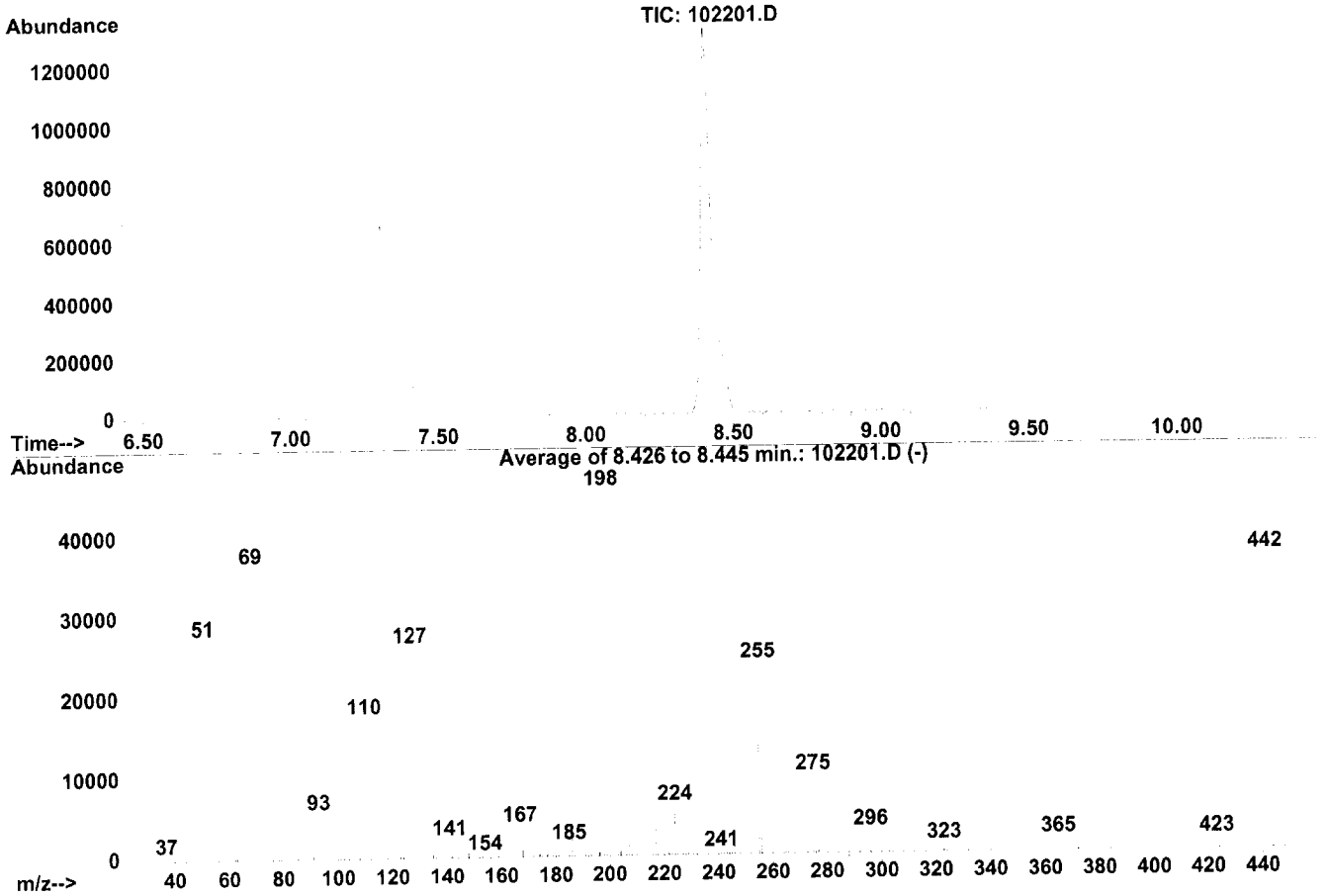
- Fails Limit Check

100302.M Wed Oct 23 09:28:46 2002

DFTPP

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102201.D
Acq On : 22 Oct 2002 3:54 pm
Sample : 50 ng of DFTPP Tune
Misc : W# 02072506, Lot # B1100352-1A
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270

Vial: 1
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Average of 8.426 to 8.445 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	59.5	27331	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	79.3	36421	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	57.1	26220	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	45947	PASS
199	198	5	9	6.1	2785	PASS
275	198	10	30	20.9	9589	PASS
365	198	1	100	3.0	1357	PASS
441	443	0.01	100	55.1	3924	PASS
442	198	40	100	79.8	36675	PASS
443	442	17	23	19.4	7126	PASS

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Initial Calibration

Calibration Files
20 =100202.D 50 =100203.D 80 =100204.D
120 =100205.D 160 =100206.D

		Compound	20	50	80	120	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		Pyridine	1.137	0.856	0.898	0.913	0.801	0.921	13.94
3)	S	2-Fluorophenol	1.035	0.828	0.866	0.827	0.769	0.865	11.69
4)	S	Phenol-d5	1.255	1.130	1.144	1.015	0.968	1.103	10.32
5)	TMC	Phenol	1.423	1.289	1.296	1.160	1.102	1.254	10.05#
6)	T	Aniline	1.017	0.753	1.003	0.885	0.870	0.906	11.94
7)	T	bis(2-Chloroethyl)eth	1.168	1.087	1.033	0.941	0.897	1.025	10.65
8)	TM	2-Chlorophenol	1.088	0.970	0.958	0.878	0.816	0.942	10.92
9)	T	1,3-Dichlorobenzene	1.088	0.973	0.975	0.881	0.837	0.951	10.23
10)	TMC	1,4-Dichlorobenzene	1.125	1.020	0.997	0.911	0.869	0.984	10.15#
11)	T	Benzyl alcohol	0.659	0.651	0.622	0.552	0.532	0.603	9.61
12)	T	1,2-Dichlorobenzene	1.027	0.938	0.906	0.819	0.772	0.892	11.25
13)	T	2-Methylphenol	0.858	0.789	0.798	0.699	0.668	0.762	10.18
14)	T	bis(2-Chloroisopropyl	2.095	1.937	1.858	1.694	1.599	1.837	10.69
15)	T	4-Methylphenol	1.040	1.005	0.992	0.885	0.856	0.956	8.42
16)	T	3-Methylphenol	1.040	1.005	0.992	0.885	0.856	0.956	8.42
17)	TMP	n-Nitroso-di-n-propyl	0.495	0.516	0.510	0.410	0.407	0.467	11.67
18)	T	Hexachloroethane	0.492	0.464	0.442	0.415	0.384	0.439	9.56
19)	I	Naphthalene-d8	----------ISTD----------						
20)	S	Nitrobenzene-d5	0.466	0.445	0.482	0.473	0.497	0.473	4.12
21)	T	Nitrobenzene	0.268	0.255	0.275	0.263	0.276	0.267	3.34
22)	T	Isophorone	0.950	0.906	0.977	0.964	0.973	0.954	3.05
23)	TC	2-Nitrophenol	0.272	0.270	0.292	0.283	0.295	0.282	3.95#
24)	T	2,4-Dimethylphenol	0.228	0.235	0.331	0.320	0.335	0.290	18.51
25)	T	bis(2-Chloroethoxy)me	0.607	0.571	0.619	0.608	0.624	0.606	3.45
26)	T	Benzoic acid	0.222	0.278	0.295	0.292	0.320	0.281	13.01
27)	TC	2,4-Dichlorophenol	0.328	0.329	0.349	0.345	0.353	0.341	3.47#
28)	TM	1,2,4-Trichlorobenzen	0.318	0.305	0.329	0.329	0.333	0.323	3.50
29)	T	Naphthalene	1.284	1.220	1.304	1.283	1.321	1.282	2.98
30)	T	4-Chloroaniline	0.154	0.151	0.159	0.158	0.163	0.157	2.99
31)	TC	Hexachlorobutadiene	0.170	0.146	0.161	0.156	0.160	0.158	5.62#
32)	TMC	4-Chloro-3-methylphen	0.346	0.333	0.369	0.359	0.368	0.355	4.30#
33)	T	2-Methylnaphthalene	0.818	0.791	0.831	0.821	0.840	0.820	2.25
34)	I	Acenaphthene-d10	----------ISTD----------						
35)	TP	Hexachloropentadiene	0.099	0.130	0.204	0.222	0.271	0.185	37.77
36)	TC	2,4,6-Trichlorophenol	0.396	0.403	0.435	0.436	0.440	0.422	4.99#
37)	T	2,4,5-Trichlorophenol	0.439	0.446	0.471	0.465	0.466	0.457	3.06
38)	S	2-Fluorobiphenyl	1.507	1.386	1.454	1.517	1.497	1.472	3.66
39)	T	2-Chloronaphthalene	1.464	1.359	1.448	1.436	1.450	1.431	2.91
40)	T	2-Nitroaniline	0.629	0.628	0.712	0.697	0.704	0.674	6.19
41)	T	Dimethylphthalate	1.627	1.496	1.643	1.664	1.661	1.618	4.31

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Initial Calibration

Calibration Files
20 =100202.D 50 =100203.D 80 =100204.D
120 =100205.D 160 =100206.D

		Compound	20	50	80	120	160	Avg	%RSD
42)	T	2,6-Dinitrotoluene	0.378	0.376	0.414	0.417	0.424	0.402	5.65
43)	T	Acenaphthylene	2.233	2.074	2.228	2.257	2.288	2.216	3.73
44)	T	3-Nitroaniline	0.629	0.628	0.712	0.697	0.704	0.674	6.19
45)	TMC	Acenaphthene	1.330	1.266	1.352	1.368	1.356	1.334	3.06#
46)	TP	2,4-Dinitrophenol	0.105	0.160	0.191	0.202	0.236	0.179	27.64
47)	TMP	4-Nitrophenol	0.193	0.179	0.206	0.213	0.213	0.201	7.28
48)	TM	2,4-Dinitrotoluene	0.428	0.460	0.508	0.539	0.546	0.496	10.27
49)	T	Dibenzofuran	1.933	1.776	1.934	1.943	1.953	1.908	3.88
50)	T	Diethylphthalate	1.668	1.483	1.646	1.686	1.671	1.631	5.13
51)	T	4-Chlorophenyl phenyl	0.659	0.623	0.668	0.675	0.691	0.663	3.85
52)	T	Fluorene	1.513	1.411	1.524	1.545	1.571	1.513	4.03
53)	T	4-Nitroaniline	0.629	0.628	0.712	0.697	0.704	0.674	6.19
54)	S	2,4,6-Tribromophenol	0.180	0.163	0.190	0.191	0.199	0.185	7.51
55)	I	Phenanthrene-d10	----------ISTD----------						
56)	T	4,6-Dinitro-2-methylp	0.150	0.210	0.239	0.237	0.276	0.222	21.17
57)	TC	n-Nitrosodiphenylamin	0.772	0.717	0.775	0.755	0.804	0.764	4.20#
58)	T	Azobenzene	1.480	1.454	1.499	1.513	1.714	1.532	6.79
59)	T	4-Bromophenyl phenyl	0.242	0.247	0.261	0.259	0.269	0.256	4.20
60)	T	Hexachlorobenzene	0.282	0.276	0.295	0.289	0.302	0.289	3.61
61)	TMC	Pentachlorophenol	0.115	0.157	0.167	0.180	0.197	0.163	18.86#
62)	T	Anthracene	1.409	1.336	1.457	1.481	1.525	1.442	5.03
63)	T	Phenanthrene	1.448	1.347	1.432	1.442	1.488	1.431	3.61
64)	T	Di-n-butylphthalate	2.264	2.022	2.112	2.252	2.322	2.194	5.61
65)	TC	Fluoranthene	1.406	1.299	1.385	1.439	1.470	1.400	4.64#
66)	I	Chrysene-d12	----------ISTD----------						
67)	TM	Pyrene	1.861	1.835	1.889	1.898	1.838	1.864	1.52
68)	S	Terphenyl-d14	1.373	1.205	1.266	1.263	1.258	1.273	4.82
69)	T	Butylbenzylphthalate	1.284	1.184	1.258	1.316	1.277	1.264	3.88
70)	T	3,3'-Dichlorobenzidin	0.342	0.359	0.415	0.502	0.534	0.430	19.81
71)	T	bis(2-Ethylhexyl)phth	1.637	1.507	1.652	1.728	1.734	1.652	5.56
72)	T	Benzo(a)anthracene	1.418	1.392	1.482	1.575	1.602	1.494	6.24
73)	T	Chrysene	1.418	1.416	1.483	1.519	1.506	1.468	3.32
74)	I	Perylene-d12	----------ISTD----------						
75)	TC	Di-n-octylphthalate	2.659	2.565	2.713	2.676	2.679	2.658	2.10#
76)	T	Benzo(b)fluoranthrene	2.050	1.882	2.095	2.126	2.077	2.046	4.69
77)	T	Benzo(k)fluoranthrene	2.110	2.261	2.271	2.200	2.257	2.220	3.03
78)	TC	Benzo(a)pyrene	1.813	1.765	1.931	1.883	1.899	1.858	3.65#
79)	T	Indeno(1,2,3-cd)pyren	2.038	2.020	2.210	2.190	2.183	2.128	4.28
80)	T	Dibenzo(a,h)anthracen	1.574	1.509	1.767	1.733	1.726	1.662	6.81
81)	T	Benzo(g,h,i)perylene	1.814	1.924	1.960	1.854	1.890	1.888	3.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D Vial: 3
Acq On : 22 Oct 2002 4:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072502 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	124	-0.06
2		Pyridine	0.921	0.454	50.7#	66	-0.02
3	S	2-Fluorophenol	0.865	0.660	23.7	99	-0.04
4	S	Phenol-d5	1.103	1.067	3.3	117	-0.04
5	TMC	Phenol	1.254	1.382	-10.2#	133	-0.06
6	T	Aniline	0.906	0.321	64.6#	53	0.01
7	T	bis(2-Chloroethyl)ether	1.025	1.351	-31.8#	155#	-0.06
8	TM	2-Chlorophenol	0.942	0.887	5.8	114	-0.06
9	T	1,3-Dichlorobenzene	0.951	0.922	3.0	118	-0.07
10	TMC	1,4-Dichlorobenzene	0.984	1.072	-8.9#	131	-0.06
11	T	Benzyl alcohol	0.603	0.611	-1.3	117	-0.06
12	T	1,2-Dichlorobenzene	0.892	0.964	-8.1	128	-0.07
13	T	2-Methylphenol	0.762	0.188	75.3#	30#	0.01
14	T	bis(2-Chloroisopropyl)ether	1.837	2.064	-12.4	133	-0.06
15	T	4-Methylphenol	0.956	0.968	-1.3	120	-0.06
16	T	3-Methylphenol	0.956	0.968	-1.3	120	-0.06
17	TMP	n-Nitroso-di-n-propylamine	0.467	0.529	-13.3	128	-0.07
18	T	Hexachloroethane	0.439	0.485	-10.5	130	-0.06
19	I	Naphthalene-d8	1.000	1.000	0.0	122	-0.07
20	S	Nitrobenzene-d5	0.473	0.586	-23.9	161#	-0.07
21	T	Nitrobenzene	0.267	0.250	6.4	120	-0.07
22	T	Isophorone	0.954	0.983	-3.0	133	-0.07
23	TC	2-Nitrophenol	0.282	0.260	7.8#	118	-0.07
24	T	2,4-Dimethylphenol	0.290	0.204	29.7#	106	-0.07
25	T	bis(2-Chloroethoxy)methane	0.606	0.611	-0.8	131	-0.07
26	T	Benzoic acid	0.281	0.269	4.3	118	-0.07
27	TC	2,4-Dichlorophenol	0.341	0.342	-0.3#	127	-0.07
28	TM	1,2,4-Trichlorobenzene	0.323	0.369	-14.2	147	-0.07
29	T	Naphthalene	1.282	1.241	3.2	124	-0.07
30	T	4-Chloroaniline	0.157	0.157	0.0	127	-0.07
31	TC	Hexachlorobutadiene	0.158	0.212	-34.2#	178#	-0.07
32	TMC	4-Chloro-3-methylphenol	0.355	0.370	-4.2#	136	-0.07
33	T	2-Methylnaphthalene	0.820	0.832	-1.5	128	-0.07
34	I	Acenaphthene-d10	1.000	1.000	0.0	125	-0.08
35	TP	Hexachloropentadiene	0.185	0.040	78.4#	38#	-0.07
36	TC	2,4,6-Trichlorophenol	0.422	0.444	-5.2#	137	-0.06
37	T	2,4,5-Trichlorophenol	0.457	0.488	-6.8	137	-0.06
38	S	2-Fluorobiphenyl	1.472	1.671	-13.5	151#	-0.07
39	T	2-Chloronaphthalene	1.431	1.426	0.3	131	-0.07

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D Vial: 3
Acq On : 22 Oct 2002 4:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072502 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	T	2-Nitroaniline	0.674	0.509	24.5	101	-0.07
41	T	Dimethylphthalate	1.618	1.621	-0.2	135	-0.07
42	T	2,6-Dinitrotoluene	0.402	0.399	0.7	132	-0.08
43	T	Acenaphthylene	2.216	1.973	11.0	119	-0.07
44	T	3-Nitroaniline	0.674	0.509	24.5	101	-0.07
45	TMC	Acenaphthene	1.334	1.294	3.0#	128	-0.08
46	TP	2,4-Dinitrophenol	0.179	0.176	1.7	137	-0.06
47	TMP	4-Nitrophenol	0.201	0.212	-5.5	148	-0.13
48	TM	2,4-Dinitrotoluene	0.496	0.499	-0.6	135	-0.07
49	T	Dibenzofuran	1.908	1.773	7.1	125	-0.08
50	T	Diethylphthalate	1.631	1.647	-1.0	139	-0.09
51	T	4-Chlorophenyl phenyl ether	0.663	0.688	-3.8	138	-0.08
52	T	Fluorene	1.513	1.514	-0.1	134	-0.08
53	T	4-Nitroaniline	0.674	0.509	24.5	101	-0.07
54	S	2,4,6-Tribromophenol	0.185	0.172	7.0	132	-0.07
55	I	Phenanthrene-d10	1.000	1.000	0.0	130	-0.08
56	T	4,6-Dinitro-2-methylphenol	0.222	0.216	2.7	134	-0.07
57	TC	n-Nitrosodiphenylamine	0.764	0.172	77.5#	31#	-0.08
58	T	Azobenzene	1.532	1.625	-6.1	146	-0.08
59	T	4-Bromophenyl phenyl ether	0.256	0.001	99.6#	1#	0.05
60	T	Hexachlorobenzene	0.289	0.283	2.1	134	-0.08
61	TMC	Pentachlorophenol	0.163	0.106	35.0#	88	-0.08
62	T	Anthracene	1.442	1.245	13.7	121	-0.08
63	T	Phenanthrene	1.431	1.361	4.9	132	-0.08
64	T	Di-n-butylphthalate	2.194	1.791	18.4	115	-0.08
65	TC	Fluoranthene	1.400	1.374	1.9#	138	-0.08
66	I	Chrysene-d12	1.000	1.000	0.0	165#	-0.09
67	TM	Pyrene	1.864	1.555	16.6	140	-0.08
68	S	Terphenyl-d14	1.273	1.048	17.7	144	-0.08
69	T	Butylbenzylphthalate	1.264	0.954	24.5	133	-0.09
70	T	3,3'-Dichlorobenzidine	0.430	0.294	31.6#	136	-0.08
71	T	bis(2-Ethylhexyl)phthalate	1.652	1.164	29.5#	128	-0.08
72	T	Benzo(a)anthracene	1.494	1.441	3.5	171#	-0.08
73	T	Chrysene	1.468	1.352	7.9	158#	-0.08
74	I	Perylene-d12	1.000	1.000	0.0	117	-0.09
75	TC	Di-n-octylphthalate	2.658	2.786	-4.8#	128	-0.08
76	T	Benzo(b)fluoranthrene	2.046	3.237	-58.2#	202#	-0.10
77	T	Benzo(k)fluoranthrene	2.220	2.421	-9.1	126	-0.08

(#) = Out of Range

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D Vial: 3
Acq On : 22 Oct 2002 4:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072502 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
78	TC	Benzo(a)pyrene	1.858	2.206	-18.7#	147	-0.08
79	T	Indeno(1,2,3-cd)pyrene	2.128	1.481	30.4#	86	-0.08
80	T	Dibenzo(a,h)anthracene	1.662	1.231	25.9#	96	-0.09
81	T	Benzo(g,h,i)perylene	1.888	1.020	46.0#	62	-0.08

(#) = Out of Range SPCC's out = 0 CCC's out = 13

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D Vial: 3
Acq On : 22 Oct 2002 4:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072502 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 22 17:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.21	150	1461399	40.00	ug/L	-0.06
19) Naphthalene-d8	12.66	136	3127036	40.00	ug/L	-0.07
34) Acenaphthene-d10	17.30	164	1509575	40.00	ug/L	-0.08
55) Phenanthrene-d10	21.10	188	1923787	40.00	ug/L	-0.08
66) Chrysene-d12	27.97	240	1737293	40.00	ug/L	-0.09
74) Perylene-d12	31.38	264	725551	40.00	ug/L	-0.09
System Monitoring Compounds						
3) 2-Fluorophenol	5.94	112	1205599	38.15	ug/L	-0.04
Spiked Amount 100.000	Range 21 - 110		Recovery = 38.15%			
4) Phenol-d5	8.68	99	1948621	48.38	ug/L	-0.04
Spiked Amount 100.000	Range 10 - 110		Recovery = 48.38%			
20) Nitrobenzene-d5	10.84	82	2292372	62.05	ug/L	-0.07
Spiked Amount 50.000	Range 34 - 114		Recovery = 124.10%#			
38) 2-Fluorobiphenyl	15.62	172	3153692	56.76	ug/L	-0.07
Spiked Amount 50.000	Range 43 - 116		Recovery = 113.52%			
54) 2,4,6-Tribromophenol	19.40	330	324961	46.66	ug/L	-0.07
Spiked Amount 100.000	Range 10 - 123		Recovery = 46.66%			
68) Terphenyl-d14	25.29	244	2275960	41.16	ug/L	-0.08
Spiked Amount 50.000	Range 33 - 141		Recovery = 82.32%			
Target Compounds						Qvalue
2) Pyridine	2.99	79	829069	24.63	ug/L	100
5) Phenol	8.71	94	2524773	55.11	ug/L	94
6) Aniline	8.57	93	586566	17.73	ug/L	95
7) bis(2-Chloroethyl)ether	8.71	93	2468003	65.90	ug/L	78
8) 2-Chlorophenol	8.81	128	1620870	47.11	ug/L	98
9) 1,3-Dichlorobenzene	9.10	146	1684188	48.48	ug/L	96
10) 1,4-Dichlorobenzene	9.26	146	1959031	54.47	ug/L	99
11) Benzyl alcohol	9.81	108	1115656	50.62	ug/L	96
12) 1,2-Dichlorobenzene	9.74	146	1761330	54.02	ug/L	98
13) 2-Methylphenol	10.31	108	343446	12.33	ug/L	94
14) bis(2-Chloroisopropyl)ethe	10.18	45	3771234	56.20	ug/L	98
15) 4-Methylphenol	10.68	107	1769158	50.67	ug/L	99
16) 3-Methylphenol	10.68	107	1769158	50.67	ug/L	99
17) n-Nitroso-di-n-propylamine	10.60	70	966788	56.62	ug/L	97
18) Hexachloroethane	10.56	117	885901	55.19	ug/L	99
21) Nitrobenzene	10.89	123	977233	46.75	ug/L	92
22) Isophorone	11.56	82	3842760	51.53	ug/L	98
23) 2-Nitrophenol	11.74	139	1017486	46.11	ug/L	98
24) 2,4-Dimethylphenol	12.04	122	798833	35.26	ug/L	99

(#) = qualifier out of range (m) = manual integration

000303

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D Vial: 3
Acq On : 22 Oct 2002 4:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072502 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 22 17:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) bis(2-Chloroethoxy)methane	12.22	93	2388098	50.42 ug/L	98
26) Benzoic acid	12.72	105	1052558	47.84 ug/L #	69
27) 2,4-Dichlorophenol	12.45	162	1338146	50.24 ug/L	96
28) 1,2,4-Trichlorobenzene	12.56	180	1440437	57.10 ug/L	99
29) Naphthalene	12.72	128	4851704	48.40 ug/L	100
30) 4-Chloroaniline	12.72	127	611885	49.89 ug/L	98
31) Hexachlorobutadiene	13.23	225	829734	67.01 ug/L	97
32) 4-Chloro-3-methylphenol	14.43	107	1447274	52.14 ug/L	99
33) 2-Methylnaphthalene	14.55	142	3250521	50.70 ug/L	97
35) Hexachloropentadiene	15.15	237	75484	10.81 ug/L	99
36) 2,4,6-Trichlorophenol	15.45	196	836925	52.54 ug/L	96
37) 2,4,5-Trichlorophenol	15.59	196	920959	53.34 ug/L	99
39) 2-Chloronaphthalene	15.82	162	2689886	49.79 ug/L	99
40) 2-Nitroaniline	16.27	138	961190	37.78 ug/L	98
41) Dimethylphthalate	16.85	163	3058505	50.08 ug/L	100
42) 2,6-Dinitrotoluene	17.01	165	752066	49.62 ug/L	94
43) Acenaphthylene	16.89	152	3723904	44.53 ug/L	98
44) 3-Nitroaniline	16.27	138	961190	37.78 ug/L	98
45) Acenaphthene	17.39	154	2442237	48.49 ug/L	98
46) 2,4-Dinitrophenol	17.65	184	331357	49.18 ug/L	97
47) 4-Nitrophenol	18.03	109	400827	52.94 ug/L	90
48) 2,4-Dinitrotoluene	18.02	165	941280	50.26 ug/L	92
49) Dibenzofuran	17.81	168	3345201	46.46 ug/L	97
50) Diethylphthalate	18.67	149	3108341	50.51 ug/L	98
51) 4-Chlorophenyl phenyl ethe	18.74	204	1298711	51.90 ug/L	97
52) Fluorene	18.70	166	2856597	50.03 ug/L	99
53) 4-Nitroaniline	16.27	138	961190	37.78 ug/L	95
56) 4,6-Dinitro-2-methylphenol	19.08	198	519676	48.61 ug/L	97
57) n-Nitrosodiphenylamine	19.09	169	414585	11.28 ug/L	82
58) Azobenzene	19.15	77	3907999	53.04 ug/L	96
60) Hexachlorobenzene	20.33	284	681095	49.03 ug/L	97
61) Pentachlorophenol	20.86	266	254837	32.42 ug/L	96
62) Anthracene	21.28	178	2995051	43.20 ug/L	98
63) Phenanthrene	21.17	178	3273632m	47.56 ug/L	
64) Di-n-butylphthalate	22.86	149	4306667	40.81 ug/L	100
65) Fluoranthene	24.25	202	3303513	49.07 ug/L	99
67) Pyrene	24.81	202	3376468	41.70 ug/L	98
69) Butylbenzylphthalate	26.67	149	2071673	37.74 ug/L	92
70) 3,3'-Dichlorobenzidine	27.93	252	639461	34.22 ug/L	98
71) bis(2-Ethylhexyl)phthalate	28.23	149	2527129	35.23 ug/L	96
72) Benzo(a)anthracene	27.92	228	3129712m	48.24 ug/L	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D
Acq On : 22 Oct 2002 4:18 pm
Sample : 50 ppm 8270 ccv
Misc : W# 02072502
MS Integration Params: rteint.p
Quant Time: Oct 22 17:37 19102

Vial: 3
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Initial Calibration
DataAcq Meth : 020401

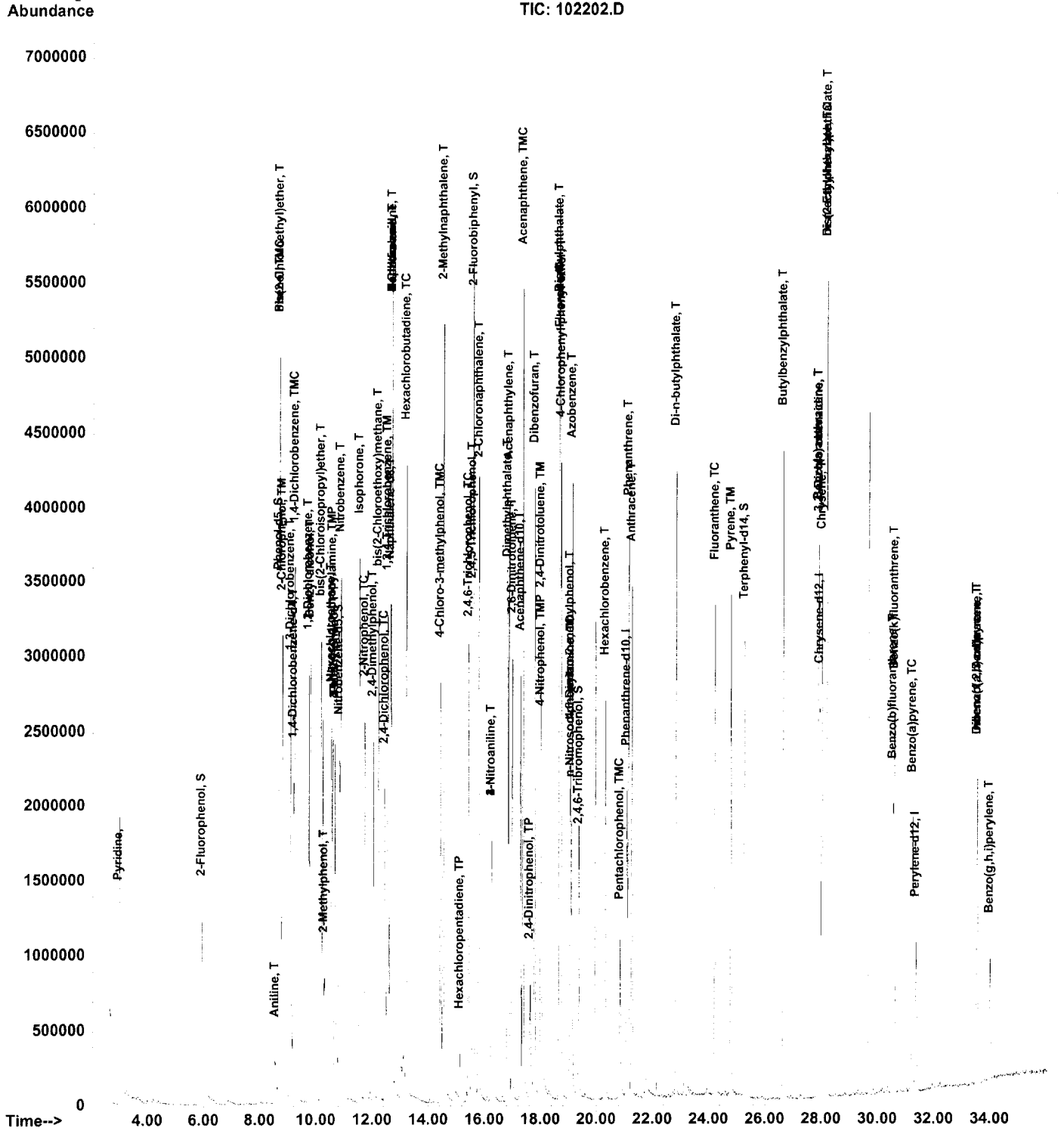
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
73) Chrysene	28.05	228	2935357	46.03 ug/L	99
75) Di-n-octylphthalate	28.23	149	2527129	52.41 ug/L	99
76) Benzo(b)fluoranthrene	30.57	252	2935376m	79.09 ug/L	
77) Benzo(k)fluoranthrene	30.63	252	2195631m	54.54 ug/L	
78) Benzo(a)pyrene	31.27	252	2000731	59.36 ug/L	99
79) Indeno(1,2,3-cd)pyrene	33.57	276	1343289	34.80 ug/L	90
80) Dibenzo(a,h)anthracene	33.57	278	1116879	37.06 ug/L	97
81) Benzo(g,h,i)perylene	34.03	276	924857	27.00 ug/L	96

(#) = qualifier out of range (m) = manual integration

000305

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D Vial: 3
Acq On : 22 Oct 2002 4:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072502 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 22 17:37 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Initial Calibration



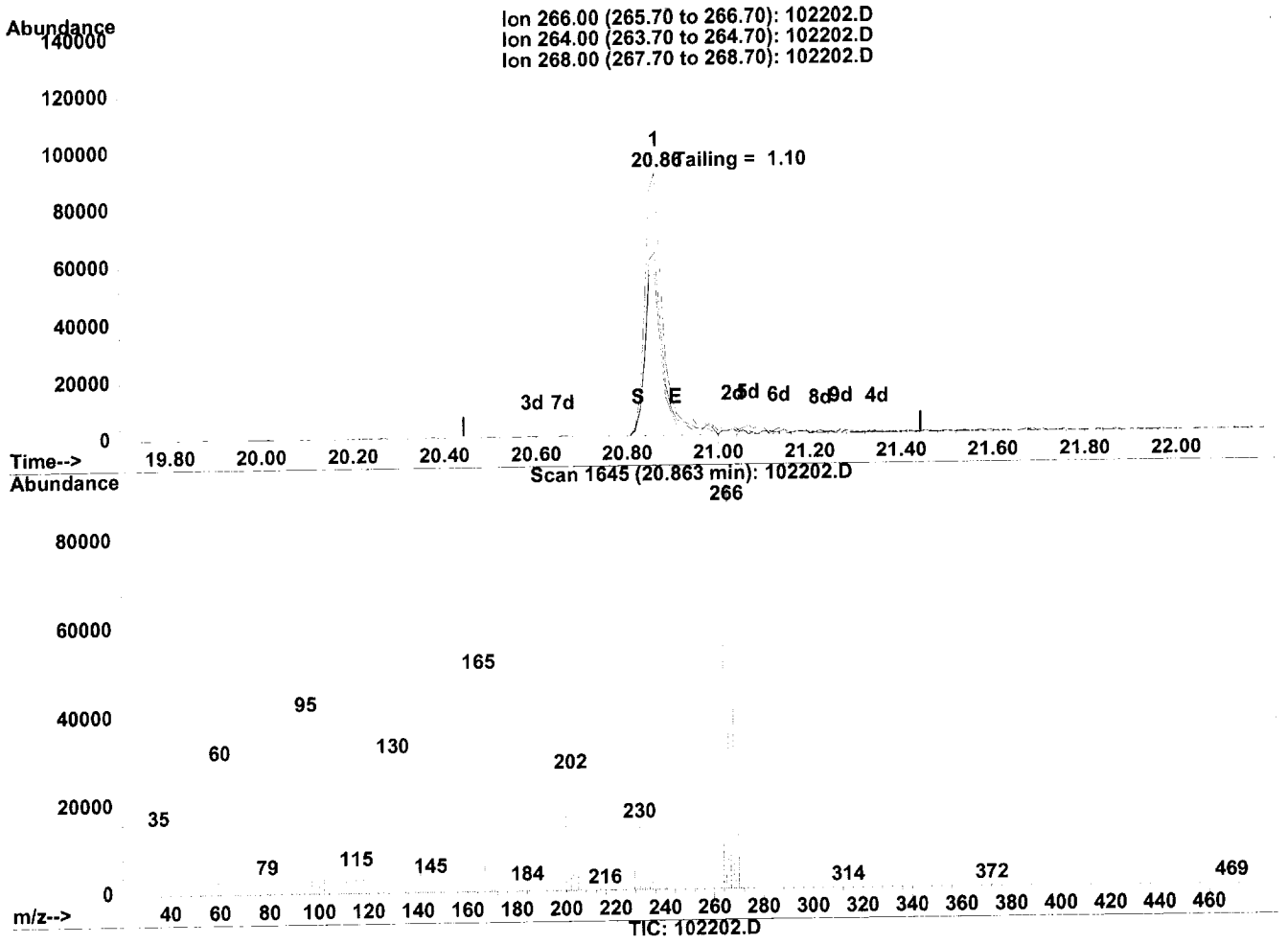
000306

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D
Acq On : 22 Oct 2002 4:18 pm
Sample : 50 ppm 8270 ccv
Misc : W# 02072502
Quant Time: Oct 22 17:37 19102

Vial: 3
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Multiple Level Calibration



(61) Pentachlorophenol (TMC)

20.86min 32.42ug/L

response 254837

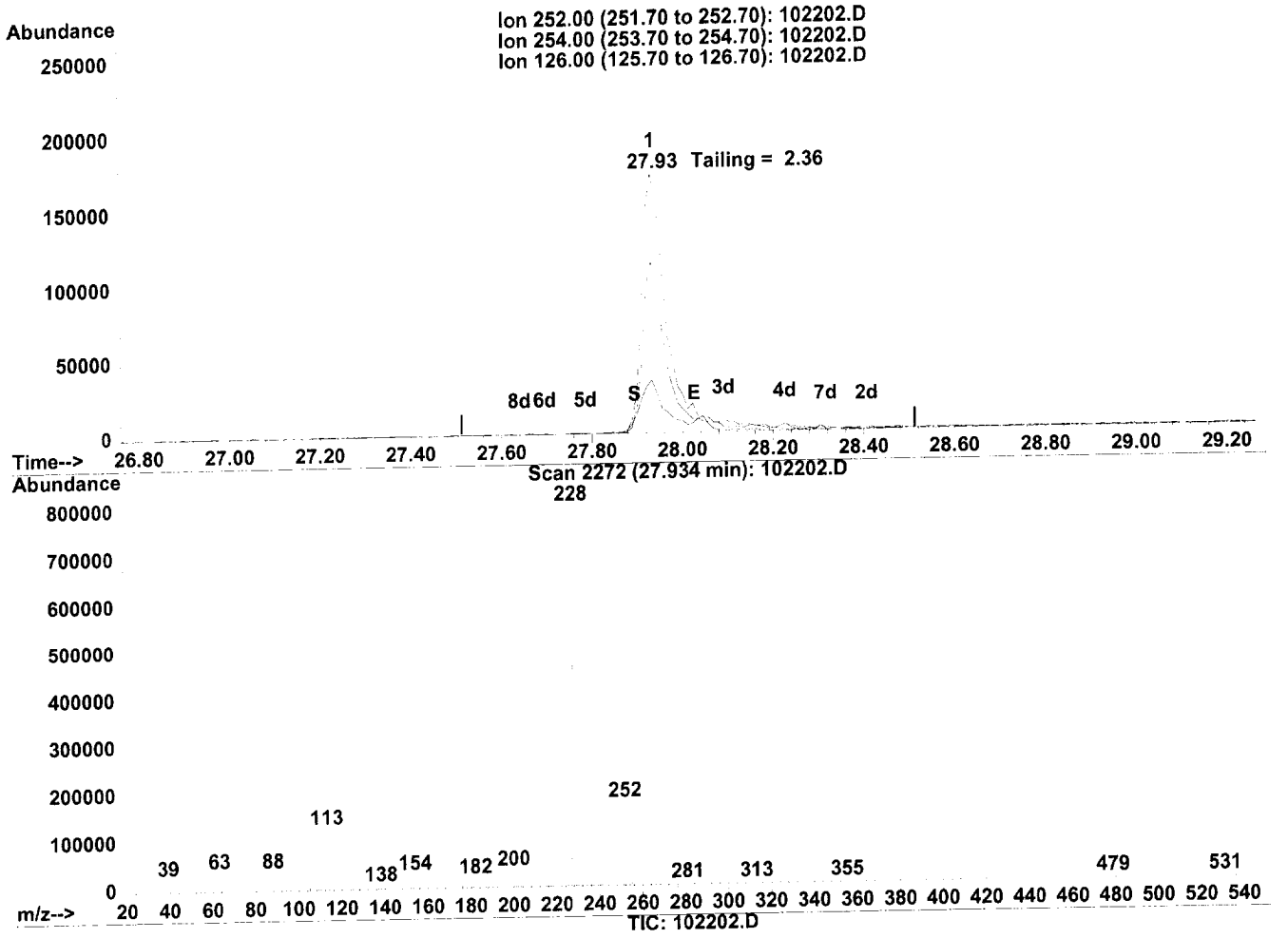
Ion	Exp%	Act%
266.00	100	100
264.00	63.70	58.31
268.00	67.20	68.18
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102202.D
Acq On : 22 Oct 2002 4:18 pm
Sample : 50 ppm 8270 ccv
Misc : W# 02072502
Quant Time: Oct 22 17:37 19102

Vial: 3
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Oct 20 16:19:58 2002
Response via : Multiple Level Calibration



(70) 3,3'-Dichlorobenzidine (T)

27.93min 34.22ug/L

response 639461

Ion	Exp%	Act%
252.00	100	100
254.00	63.80	63.69
126.00	15.80	20.39
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102203.D Vial: 7
Acq On : 22 Oct 2002 5:41 pm Operator: dp
Sample : MB 101132 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:23 19102 Quant Results File: 100302.RES

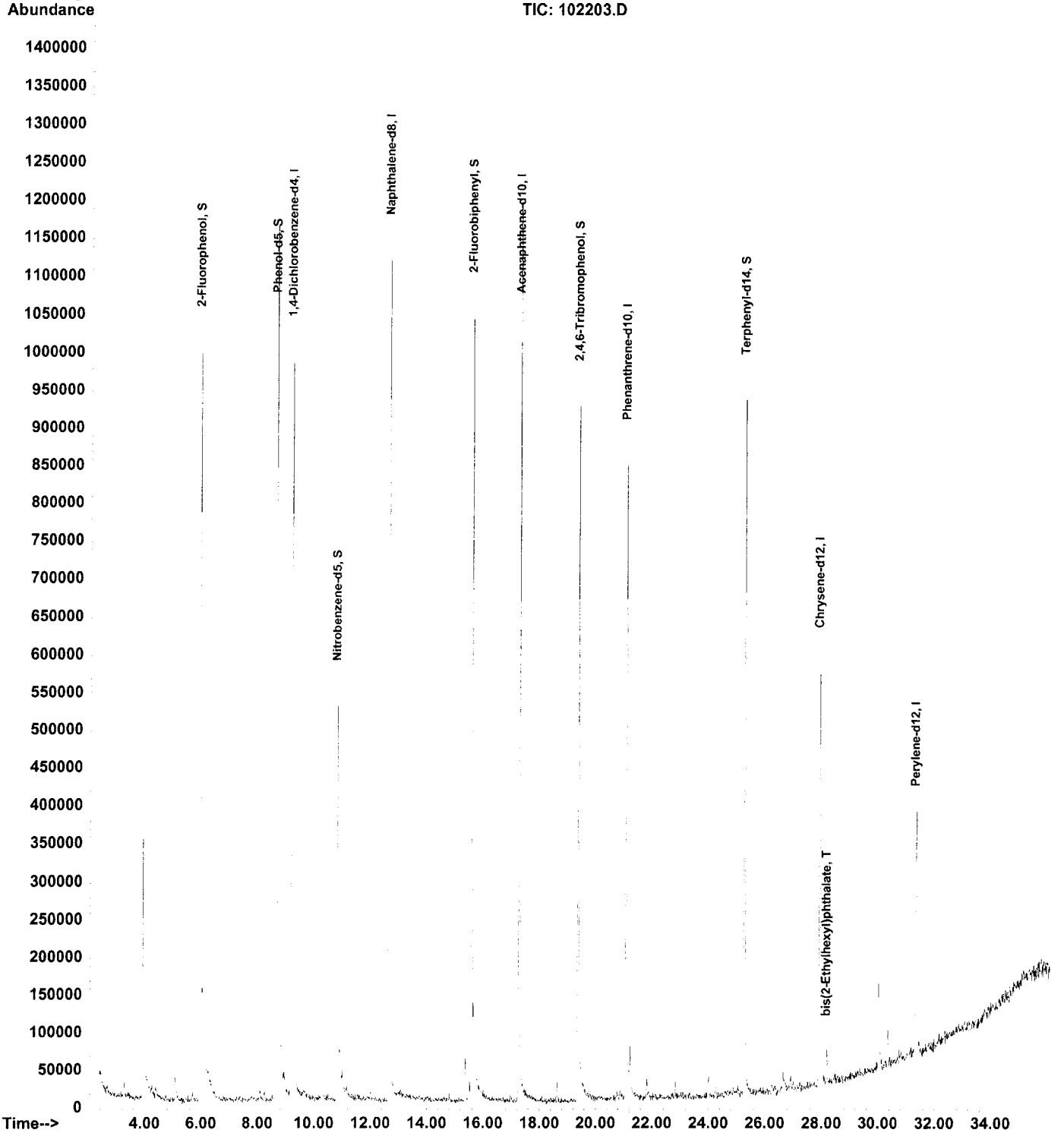
Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	613642	40.00	ug/L	0.00
19) Naphthalene-d8	12.64	136	1268686	40.00	ug/L	0.00
34) Acenaphthene-d10	17.29	164	619929	40.00	ug/L	0.00
55) Phenanthrene-d10	21.08	188	753466	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	532826	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	264385	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.94	112	878878	66.24	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 66.24%			
4) Phenol-d5	8.64	99	1226273	72.50	ug/L	-0.03
Spiked Amount 100.000	Range 24 - 113		Recovery = 72.50%			
20) Nitrobenzene-d5	10.81	82	593733	39.61	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 79.22%			
38) 2-Fluorobiphenyl	15.58	172	775008	33.97	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 67.94%			
54) 2,4,6-Tribromophenol	19.37	330	200968	70.26	ug/L	0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 70.26%			
68) Terphenyl-d14	25.27	244	722606	42.61	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 85.22%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	28.21	149	16607	0.75	ug/L	# 93

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102203.D Vial: 7
Acq On : 22 Oct 2002 5:41 pm Operator: dp
Sample : MB 101132 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:23 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



000310

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102204.D Vial: 8
Acq On : 22 Oct 2002 6:25 pm Operator: dp
Sample : LCS 101132 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:23 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	612978	40.00	ug/L	0.00
19) Naphthalene-d8	12.64	136	1156551	40.00	ug/L	0.00
34) Acenaphthene-d10	17.29	164	537886	40.00	ug/L	0.00
55) Phenanthrene-d10	21.08	188	663076	40.00	ug/L	0.00
66) Chrysene-d12	27.94	240	496631	40.00	ug/L	0.01
74) Perylene-d12	31.36	264	261663	40.00	ug/L	0.01
System Monitoring Compounds						
3) 2-Fluorophenol	5.94	112	785370	59.26	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 59.26%			
4) Phenol-d5	8.64	99	1242994	73.57	ug/L	-0.03
Spiked Amount 100.000	Range 24 - 113		Recovery = 73.57%			
20) Nitrobenzene-d5	10.81	82	558859	40.90	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 81.80%			
38) 2-Fluorobiphenyl	15.59	172	726858	36.72	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 73.44%			
54) 2,4,6-Tribromophenol	19.37	330	163915	66.05	ug/L	0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 66.05%			
68) Terphenyl-d14	25.27	244	539908	34.16	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 68.32%			
Target Compounds						Qvalue
5) Phenol	8.67	94	623227	32.43	ug/L	97
7) bis(2-Chloroethyl)ether	8.69	93	535925	34.12	ug/L	85
8) 2-Chlorophenol	8.78	128	429764	29.78	ug/L	94
9) 1,3-Dichlorobenzene	9.09	146	453158	31.10	ug/L	91
10) 1,4-Dichlorobenzene	9.25	146	496599	32.92	ug/L	93
12) 1,2-Dichlorobenzene	9.74	146	433241	31.68	ug/L	95
13) 2-Methylphenol	10.23	108	382157	32.71	ug/L	93
14) bis(2-Chloroisopropyl)ethe	10.18	45	918182	32.62	ug/L	97
15) 4-Methylphenol	10.66	107	458411	31.30	ug/L	97
16) 3-Methylphenol	10.66	107	458411	31.30	ug/L	97
17) n-Nitroso-di-n-propylamine	10.57	70	254919	35.59	ug/L	95
18) Hexachloroethane	10.54	117	211981	31.48	ug/L	94
21) Nitrobenzene	10.86	123	220430	28.51	ug/L	84
22) Isophorone	11.52	82	716301	25.97	ug/L	95
23) 2-Nitrophenol	11.73	139	205955	25.23	ug/L	96
24) 2,4-Dimethylphenol	12.02	122	259275	30.95	ug/L	97
25) bis(2-Chloroethoxy)methane	12.20	93	522089	29.80	ug/L	93
27) 2,4-Dichlorophenol	12.45	162	265782	26.98	ug/L	95
28) 1,2,4-Trichlorobenzene	12.56	180	343497	36.81	ug/L	95

(#) = qualifier out of range (m) = manual integration

000311

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102204.D Vial: 8
Acq On : 22 Oct 2002 6:25 pm Operator: dp
Sample : LCS 101132 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:23 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	12.70	128	1123814	30.31 ug/L	99
30) 4-Chloroaniline	12.70	127	137014	30.21 ug/L	97
31) Hexachlorobutadiene	13.23	225	177971	38.86 ug/L	97
32) 4-Chloro-3-methylphenol	14.43	107	358825	34.95 ug/L	97
33) 2-Methylnaphthalene	14.53	142	711016	29.98 ug/L	96
35) Hexachloropentadiene	15.14	237	22704	9.13 ug/L	93
36) 2,4,6-Trichlorophenol	15.43	196	183709	32.37 ug/L	98
37) 2,4,5-Trichlorophenol	15.58	196	203325	33.05 ug/L	93
39) 2-Chloronaphthalene	15.80	162	653051	33.93 ug/L	97
40) 2-Nitroaniline	16.24	138	251525	27.75 ug/L	97
41) Dimethylphthalate	16.81	163	788196	36.22 ug/L	98
42) 2,6-Dinitrotoluene	16.97	165	179895	33.31 ug/L #	85
43) Acenaphthylene	16.88	152	974164	32.69 ug/L	98
44) 3-Nitroaniline	16.24	138	251525	27.75 ug/L	97
45) Acenaphthene	17.37	154	612651	34.14 ug/L	98
46) 2,4-Dinitrophenol	17.68	184	9129	3.80 ug/L	92
47) 4-Nitrophenol	18.08	109	36689	13.60 ug/L #	73
48) 2,4-Dinitrotoluene	17.99	165	231923	34.76 ug/L	94
49) Dibenzofuran	17.78	168	827498	32.25 ug/L	99
50) Diethylphthalate	18.64	149	782628	35.69 ug/L	97
51) 4-Chlorophenyl phenyl ethe	18.72	204	324859	36.43 ug/L	98
52) Fluorene	18.67	166	686997	33.77 ug/L	98
53) 4-Nitroaniline	16.24	138	251525	27.75 ug/L	98
56) 4,6-Dinitro-2-methylphenol	19.05	198	74937	20.34 ug/L	100
58) Azobenzene	19.12	77	1014102	39.93 ug/L	94
59) 4-Bromophenyl phenyl ether	19.96	248	161215	38.05 ug/L	93
60) Hexachlorobenzene	20.31	284	183804	38.39 ug/L	94
61) Pentachlorophenol	20.84	266	31114	11.49 ug/L	81
62) Anthracene	21.26	178	832192	34.82 ug/L	98
63) Phenanthrene	21.13	178	823141	34.69 ug/L	98
64) Di-n-butylphthalate	22.83	149	1171371	32.20 ug/L	100
65) Fluoranthene	24.22	202	843073	36.34 ug/L	96
67) Pyrene	24.79	202	864579	37.35 ug/L	98
69) Butylbenzylphthalate	26.66	149	492156	31.36 ug/L	91
71) bis(2-Ethylhexyl)phthalate	28.21	149	614001	29.94 ug/L	94
72) Benzo(a)anthracene	27.90	228	721017	38.88 ug/L	97
73) Chrysene	28.00	228	671180	36.82 ug/L	99
75) Di-n-octylphthalate	28.21	149	614001	35.31 ug/L	99
76) Benzo(b)fluoranthrene	30.58	252	550332	41.12 ug/L	98
77) Benzo(k)fluoranthrene	30.58	252	551468	37.98 ug/L	96
78) Benzo(a)pyrene	31.24	252	494577	40.69 ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102204.D Vial: 8
Acq On : 22 Oct 2002 6:25 pm Operator: dp
Sample : LCS 101132 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:23 19102 Quant Results File: 100302.RES

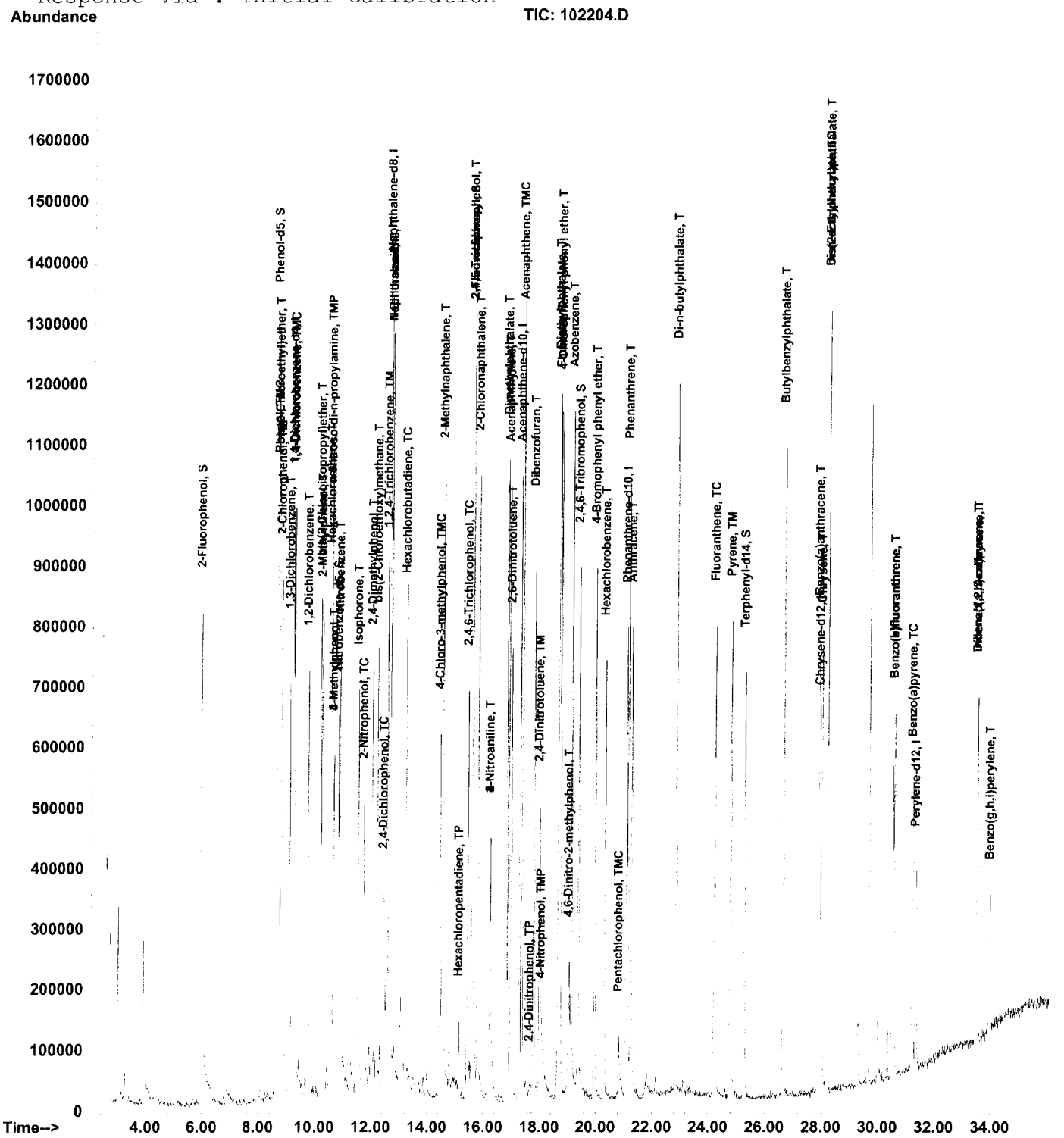
Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79) Indeno(1,2,3-cd)pyrene	33.53	276	332910	23.91 ug/L	89
80) Dibenzo(a,h)anthracene	33.53	278	288502	26.54 ug/L	97
81) Benzo(g,h,i)perylene	34.00	276	264320	21.40 ug/L	93

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102204.D Vial: 8
Acq On : 22 Oct 2002 6:25 pm Operator: dp
Sample : LCS 101132 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:23 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102205.D Vial: 9
Acq On : 22 Oct 2002 7:08 pm Operator: dp
Sample : 101132-809 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:27 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	473032	40.00	ug/L	0.00
19) Naphthalene-d8	12.66	136	1224009	40.00	ug/L	0.02
34) Acenaphthene-d10	17.31	164	569269	40.00	ug/L	0.02
55) Phenanthrene-d10	21.08	188	681510	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	472989	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	223026	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.93	112	1134293	110.90	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 110.90%			
4) Phenol-d5	8.64	99	1555526	119.31	ug/L	-0.03
Spiked Amount 100.000	Range 24 - 113		Recovery = 119.31%#			
20) Nitrobenzene-d5	10.83	82	882468	61.03	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 122.06%#			
38) 2-Fluorobiphenyl	15.62	172	1066918	50.92	ug/L	0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 101.84%			
54) 2,4,6-Tribromophenol	19.39	330	238911	90.96	ug/L	0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 90.96%			
68) Terphenyl-d14	25.27	244	759369	50.45	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 100.90%			
Target Compounds						Qvalue
21) Nitrobenzene	10.95	123	4541	0.55	ug/L	95
22) Isophorone	11.64	82	354534	12.15	ug/L #	1
24) 2,4-Dimethylphenol	12.00	122	5076	0.57	ug/L #	1
25) bis(2-Chloroethoxy)methane	12.22	93	12485	0.67	ug/L #	1
26) Benzoic acid	12.28	105	9375	1.09	ug/L	94
27) 2,4-Dichlorophenol	12.45	162	29416	2.82	ug/L #	55
29) Naphthalene	12.71	128	722247	18.41	ug/L #	84
30) 4-Chloroaniline	12.71	127	128242	26.72	ug/L	81
33) 2-Methylnaphthalene	14.85	142	1731671	69.00	ug/L	93
36) 2,4,6-Trichlorophenol	15.43	196	7711	1.28	ug/L #	84
37) 2,4,5-Trichlorophenol	15.51	196	12607	1.94	ug/L #	44
40) 2-Nitroaniline	16.25	138	6500	0.68	ug/L #	1
42) 2,6-Dinitrotoluene	17.05	165	6614	1.16	ug/L	89
43) Acenaphthylene	16.96	152	18756	0.59	ug/L #	1
44) 3-Nitroaniline	16.25	138	6500	0.68	ug/L #	1
45) Acenaphthene	17.75	154	14215	0.75	ug/L	86
47) 4-Nitrophenol	18.04	109	6762	2.37	ug/L #	20
48) 2,4-Dinitrotoluene	17.85	165	34549	4.89	ug/L	89
49) Dibenzofuran	17.45	168	20564	0.76	ug/L	90

(#) = qualifier out of range (m) = manual integration

000315

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102205.D Vial: 9
Acq On : 22 Oct 2002 7:08 pm Operator: dp
Sample : 101132-809 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:27 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
50) Diethylphthalate	18.64	149	11747	0.51	ug/L	#	61
52) Fluorene	18.69	166	28038	1.30	ug/L	#	96
53) 4-Nitroaniline	16.25	138	6500	0.68	ug/L	#	8
57) n-Nitrosodiphenylamine	19.02	169	9756	0.75	ug/L		92
64) Di-n-butylphthalate	22.84	149	25056	0.67	ug/L	#	85
71) bis(2-Ethylhexyl)phthalate	28.20	149	13837	0.71	ug/L	#	98
75) Di-n-octylphthalate	28.20	149	13837	0.93	ug/L		94

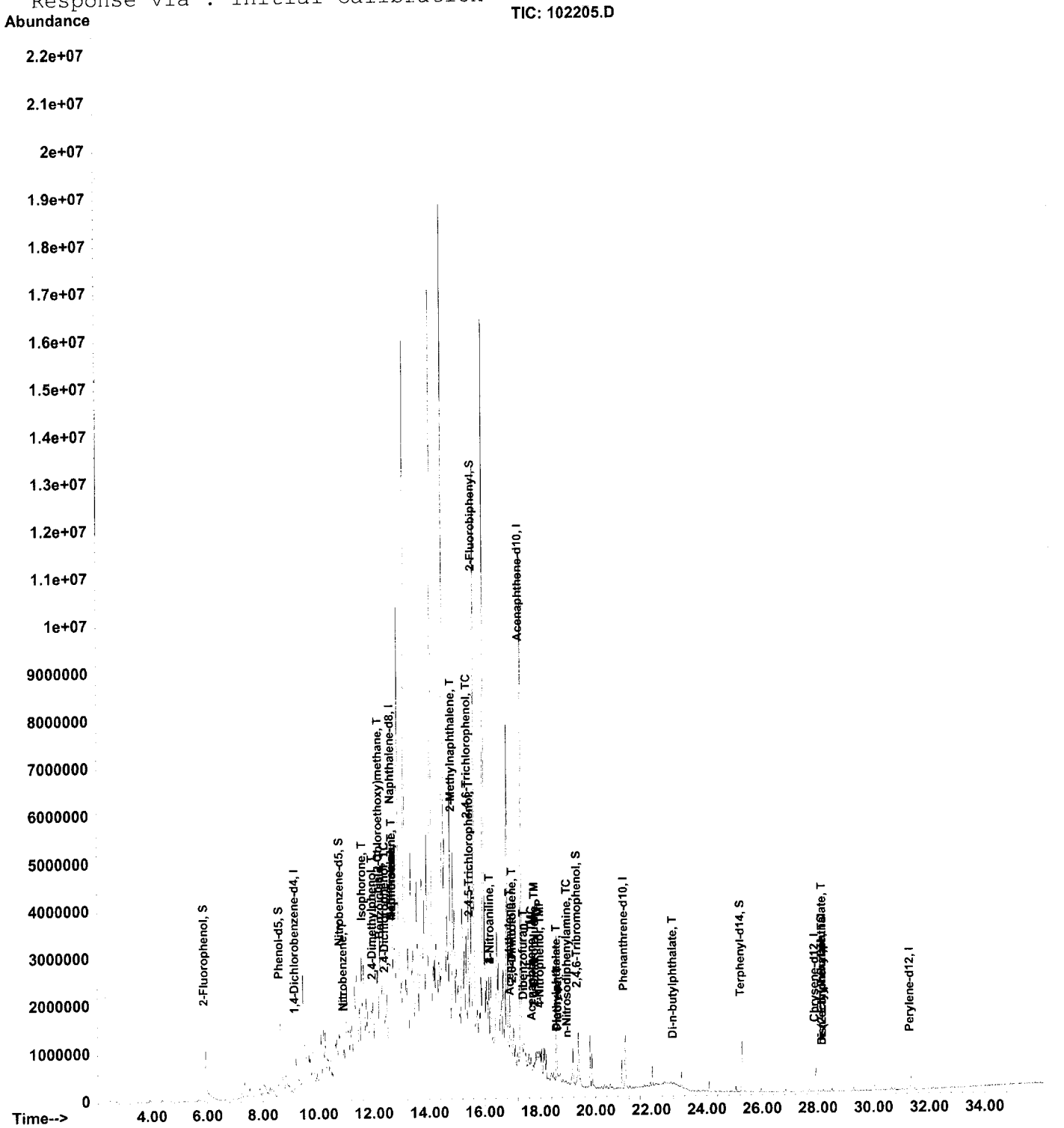
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102205.D
Acq On : 22 Oct 2002 7:08 pm
Sample : 101132-809
Misc : 10.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Oct 23 9:27 19102

Vial: 9
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102205.D Vial: 9
Acq On : 22 Oct 2002 7:08 pm Operator: dp
Sample : 101132-809 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	473032	40.00	ug/L	0.00
19) Naphthalene-d8	12.66	136	1224009	40.00	ug/L	0.02
34) Acenaphthene-d10	17.31	164	569269	40.00	ug/L	0.02
55) Phenanthrene-d10	21.08	188	681510	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	472989	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	223026	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.93	112	1134293	110.90	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 110.90%			
4) Phenol-d5	8.64	99	1555526	119.31	ug/L	-0.03
Spiked Amount 100.000	Range 24 - 113		Recovery = 119.31%#			
20) Nitrobenzene-d5	10.83	82	882468	61.03	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 122.06%#			
38) 2-Fluorobiphenyl	15.62	172	1066918	50.92	ug/L	0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 101.84%			
54) 2,4,6-Tribromophenol	19.39	330	238911	90.96	ug/L	0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 90.96%			
68) Terphenyl-d14	25.27	244	759369	50.45	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 100.90%			
Target Compounds						Qvalue
17) n-Nitroso-di-n-propylamine	10.59	70	98464	17.81	ug/L #	65
21) Nitrobenzene	10.95	123	4541	0.55	ug/L	95
22) Isophorone	11.64	82	354534	12.15	ug/L #	1
24) 2,4-Dimethylphenol	12.00	122	5076	0.57	ug/L #	1
25) bis(2-Chloroethoxy)methane	12.22	93	12485	0.67	ug/L #	1
26) Benzoic acid	12.28	105	9375	1.09	ug/L	94
27) 2,4-Dichlorophenol	12.45	162	29416	2.82	ug/L #	55
29) Naphthalene	12.71	128	722247	18.41	ug/L #	84
30) 4-Chloroaniline	12.71	127	128242	26.72	ug/L	81
33) 2-Methylnaphthalene	14.85	142	1731671	69.00	ug/L	93
36) 2,4,6-Trichlorophenol	15.43	196	7711	1.28	ug/L #	84
37) 2,4,5-Trichlorophenol	15.51	196	12607	1.94	ug/L #	44
40) 2-Nitroaniline	16.25	138	6500	0.68	ug/L #	1
42) 2,6-Dinitrotoluene	17.05	165	6614	1.16	ug/L	89
43) Acenaphthylene	16.96	152	18756	0.59	ug/L #	1
44) 3-Nitroaniline	16.25	138	6500	0.68	ug/L #	1
45) Acenaphthene	17.75	154	14215	0.75	ug/L	86
47) 4-Nitrophenol	18.04	109	6762	2.37	ug/L #	20
48) 2,4-Dinitrotoluene	17.85	165	34549	4.89	ug/L	89

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102205.D Vial: 9
Acq On : 22 Oct 2002 7:08 pm Operator: dp
Sample : 101132-809 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

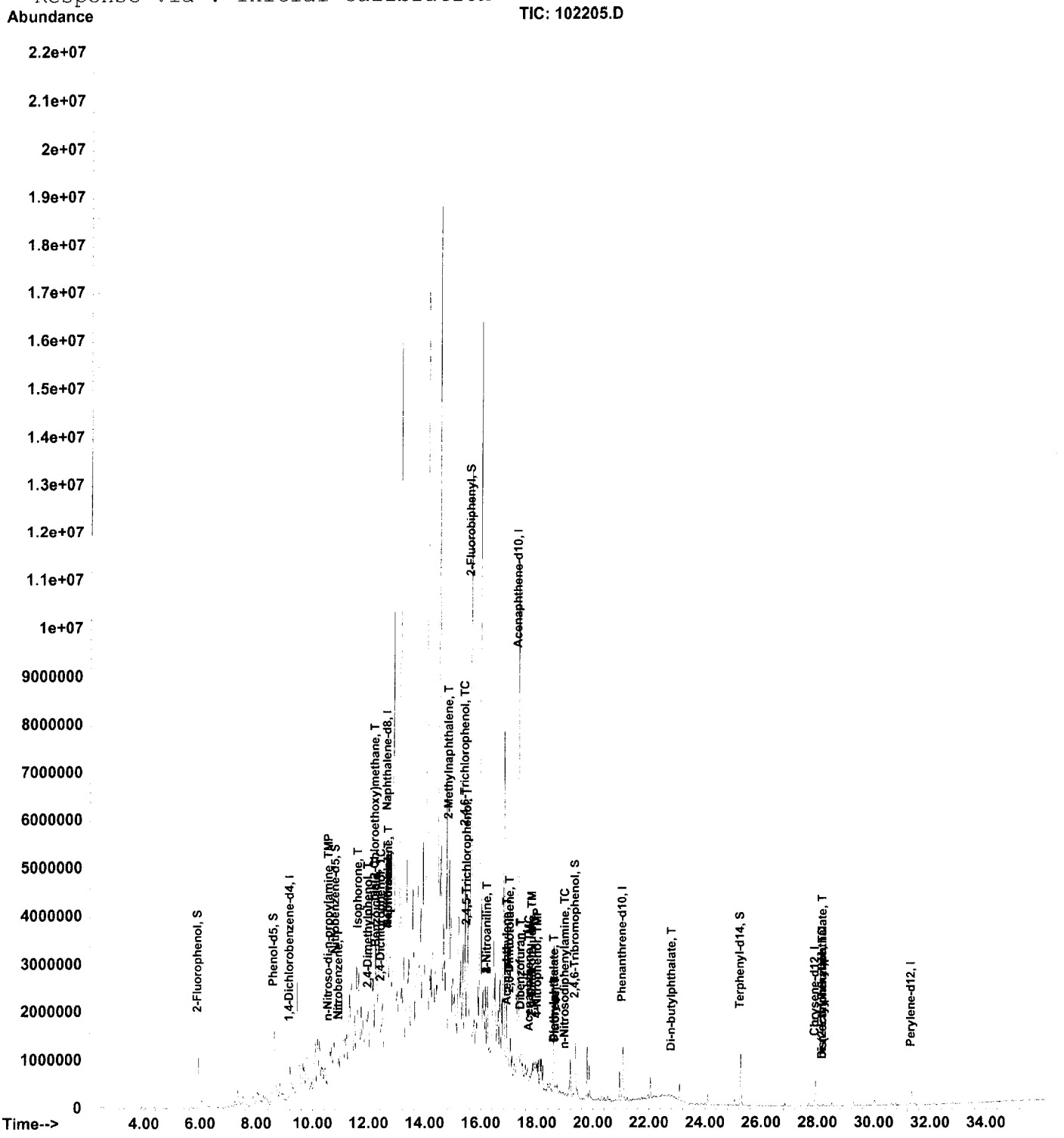
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
49) Dibenzofuran	17.45	168	20564	0.76	ug/L		90
50) Diethylphthalate	18.64	149	11747	0.51	ug/L	#	61
52) Fluorene	18.69	166	28038	1.30	ug/L	#	96
53) 4-Nitroaniline	16.25	138	6500	0.68	ug/L	#	8
57) n-Nitrosodiphenylamine	19.02	169	9756	0.75	ug/L		92
64) Di-n-butylphthalate	22.84	149	25056	0.67	ug/L	#	85
71) bis(2-Ethylhexyl)phthalate	28.20	149	13837	0.71	ug/L	#	98
75) Di-n-octylphthalate	28.20	149	13837	0.93	ug/L		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102205.D Vial: 9
Acq On : 22 Oct 2002 7:08 pm Operator: dp
Sample : 101132-809 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102206.D Vial: 10
Acq On : 22 Oct 2002 7:52 pm Operator: dp
Sample : 101132-809, MS Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:28 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	522515	40.00	ug/L	0.00
19) Naphthalene-d8	12.66	136	1090201	40.00	ug/L	0.02
34) Acenaphthene-d10	17.31	164	493028	40.00	ug/L	0.02
55) Phenanthrene-d10	21.09	188	613169	40.00	ug/L	0.01
66) Chrysene-d12	27.94	240	428952	40.00	ug/L	0.01
74) Perylene-d12	31.36	264	225786	40.00	ug/L	0.01
System Monitoring Compounds						
3) 2-Fluorophenol	5.93	112	956177	84.63	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 84.63%			
4) Phenol-d5	8.64	99	1529372	106.19	ug/L	-0.03
Spiked Amount 100.000	Range 24 - 113		Recovery = 106.19%			
20) Nitrobenzene-d5	10.82	82	743197	57.70	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 115.40%			
38) 2-Fluorobiphenyl	15.62	172	964192	53.14	ug/L	0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 106.28%			
54) 2,4,6-Tribromophenol	19.38	330	213755	93.97	ug/L	0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 93.97%			
68) Terphenyl-d14	25.27	244	637797	46.72	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 93.44%			
Target Compounds						Qvalue
5) Phenol	8.66	94	779698	47.60	ug/L #	87
7) bis(2-Chloroethyl)ether	8.69	93	668513	49.92	ug/L	84
8) 2-Chlorophenol	8.78	128	489378	39.78	ug/L	91
9) 1,3-Dichlorobenzene	9.10	146	497649	40.06	ug/L	94
10) 1,4-Dichlorobenzene	9.25	146	592469	46.08	ug/L	96
12) 1,2-Dichlorobenzene	9.74	146	515997	44.26	ug/L	89
13) 2-Methylphenol	10.23	108	448573	45.05	ug/L	96
14) bis(2-Chloroisopropyl)ethe	10.18	45	1117058	46.56	ug/L	96
15) 4-Methylphenol	10.66	107	583188	46.72	ug/L #	88
16) 3-Methylphenol	10.66	107	583188	46.72	ug/L #	88
17) n-Nitroso-di-n-propylamine	10.57	70	359086	58.81	ug/L	96
18) Hexachloroethane	10.55	117	252419	43.98	ug/L	98
21) Nitrobenzene	10.87	123	268634	36.86	ug/L	81
22) Isophorone	11.54	82	908078	34.93	ug/L	98
23) 2-Nitrophenol	11.74	139	273401	35.54	ug/L #	87
24) 2,4-Dimethylphenol	12.03	122	333827	42.27	ug/L	91
25) bis(2-Chloroethoxy)methane	12.21	93	641736	38.86	ug/L	91
26) Benzoic acid	12.76	105	136054	17.74	ug/L #	27
27) 2,4-Dichlorophenol	12.46	162	355878	38.33	ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102206.D Vial: 10
Acq On : 22 Oct 2002 7:52 pm Operator: dp
Sample : 101132-809, MS Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:28 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
28) 1,2,4-Trichlorobenzene	12.57	180	403499	45.88 ug/L	95
29) Naphthalene	12.71	128	2026147	57.98 ug/L	97
30) 4-Chloroaniline	12.71	127	276701	64.72 ug/L	95
31) Hexachlorobutadiene	13.24	225	210650	48.80 ug/L	96
32) 4-Chloro-3-methylphenol	14.46	107	487286m	50.36 ug/L	
33) 2-Methylnaphthalene	14.85	142	1394435	62.38 ug/L	94
35) Hexachloropentadiene	15.18	237	24033	10.54 ug/L #	92
36) 2,4,6-Trichlorophenol	15.45	196	225429	43.33 ug/L	99
37) 2,4,5-Trichlorophenol	15.61	196	258105	45.77 ug/L	98
39) 2-Chloronaphthalene	15.82	162	663761	37.62 ug/L	95
40) 2-Nitroaniline	16.26	138	260386	31.34 ug/L	84
41) Dimethylphthalate	16.82	163	911533	45.70 ug/L	99
42) 2,6-Dinitrotoluene	16.58	165	30005	6.06 ug/L	91
43) Acenaphthylene	16.90	152	951397	34.83 ug/L	98
44) 3-Nitroaniline	16.26	138	260386	31.34 ug/L	84
45) Acenaphthene	17.39	154	545846	33.19 ug/L	98
46) 2,4-Dinitrophenol	17.75	184	10050	4.57 ug/L	95
47) 4-Nitrophenol	18.03	109	84279	34.08 ug/L #	71
48) 2,4-Dinitrotoluene	18.01	165	242207	39.60 ug/L	79
49) Dibenzofuran	17.81	168	888466	37.78 ug/L	92
50) Diethylphthalate	18.65	149	797305	39.67 ug/L	97
51) 4-Chlorophenyl phenyl ethe	18.73	204	331652	40.58 ug/L	88
52) Fluorene	18.70	166	707579	37.95 ug/L	96
53) 4-Nitroaniline	15.87	138	10145	1.22 ug/L	81
56) 4,6-Dinitro-2-methylphenol	19.05	198	116636	34.23 ug/L	88
57) n-Nitrosodiphenylamine	19.05	169	10439	0.89 ug/L #	1
58) Azobenzene	19.14	77	1205674	51.34 ug/L	97
59) 4-Bromophenyl phenyl ether	19.97	248	174064	44.43 ug/L	88
60) Hexachlorobenzene	20.32	284	202513	45.74 ug/L	94
61) Pentachlorophenol	20.84	266	51565	20.58 ug/L	99
62) Anthracene	21.26	178	958867	43.39 ug/L	98
63) Phenanthrene	21.14	178	966710	44.06 ug/L	99
64) Di-n-butylphthalate	22.85	149	1498324	44.54 ug/L	98
65) Fluoranthene	24.22	202	991091	46.19 ug/L	99
67) Pyrene	24.79	202	990558	49.55 ug/L	99
69) Butylbenzylphthalate	26.66	149	574024	42.35 ug/L	89
71) bis(2-Ethylhexyl)phthalate	28.21	149	691997	39.07 ug/L	94
72) Benzo(a)anthracene	27.90	228	764374	47.72 ug/L	98
73) Chrysene	28.00	228	702765	44.63 ug/L	97
75) Di-n-octylphthalate	28.21	149	691997	46.12 ug/L	100
76) Benzo(b)fluoranthrene	30.54	252	628711	54.43 ug/L	97

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102206.D Vial: 10
Acq On : 22 Oct 2002 7:52 pm Operator: dp
Sample : 101132-809, MS Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:28 19102 Quant Results File: 100302.RES

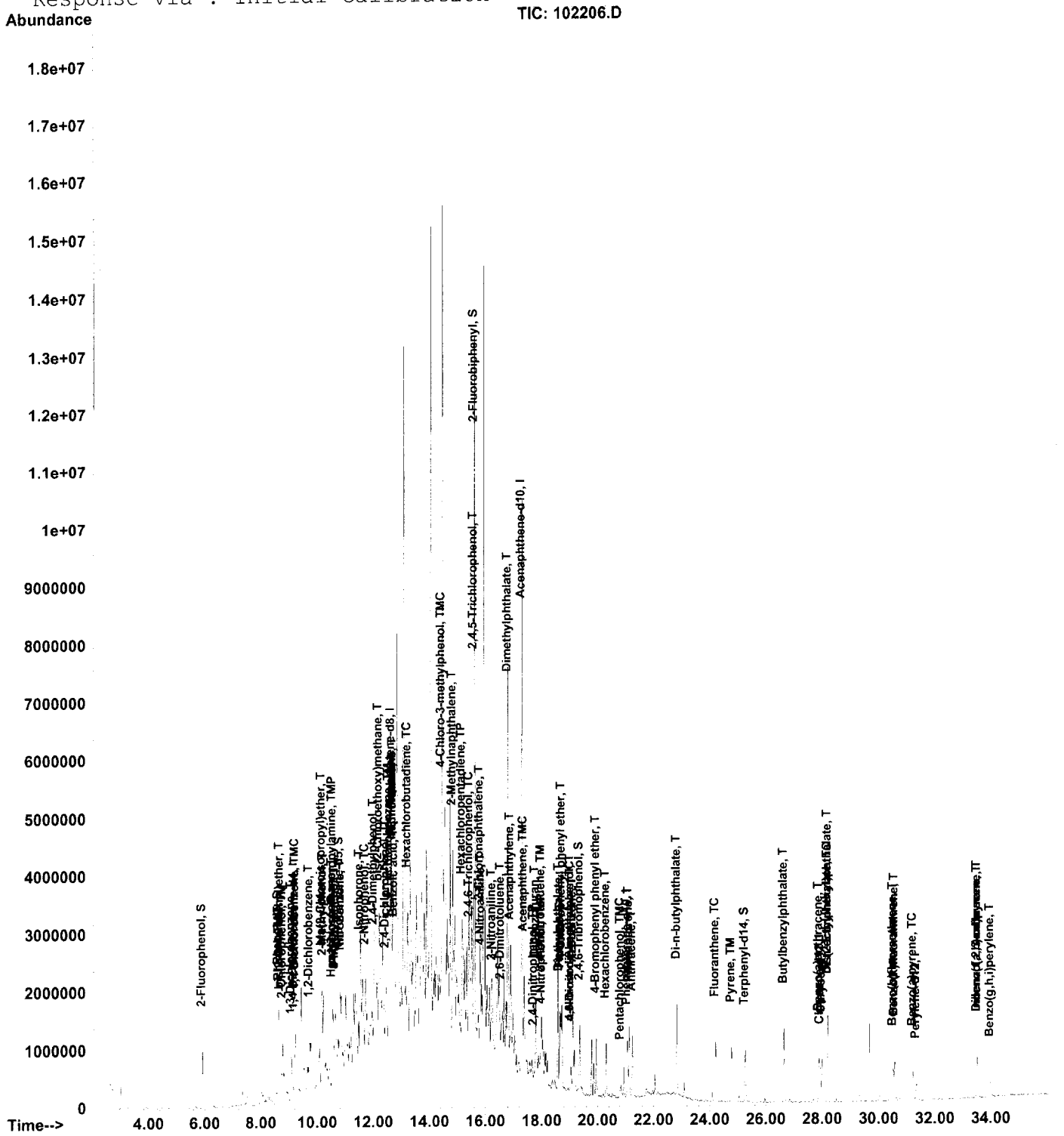
Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77) Benzo(k)fluoranthrene	30.58	252	629428	50.24 ug/L	99
78) Benzo(a)pyrene	31.24	252	530272	50.56 ug/L	99
79) Indeno(1,2,3-cd)pyrene	33.53	276	420596	35.01 ug/L	88
80) Dibenzo(a,h)anthracene	33.53	278	346147	36.90 ug/L	95
81) Benzo(g,h,i)perylene	34.00	276	306900	28.79 ug/L	93

(#) = qualifier out of range (m) = manual integration
102206.D 100302.M Wed Oct 23 09:29:42 2002

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102206.D Vial: 10
Acq On : 22 Oct 2002 7:52 pm Operator: dp
Sample : 101132-809, MS Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:28 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



000324

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102207.D Vial: 11
Acq On : 22 Oct 2002 8:35 pm Operator: dp
Sample : 101132-809, MSD Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:28 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	526894	40.00	ug/L	0.00
19) Naphthalene-d8	12.66	136	1145044	40.00	ug/L	0.02
34) Acenaphthene-d10	17.31	164	559399	40.00	ug/L	0.02
55) Phenanthrene-d10	21.09	188	679097	40.00	ug/L	0.01
66) Chrysene-d12	27.94	240	470156	40.00	ug/L	0.01
74) Perylene-d12	31.36	264	234700	40.00	ug/L	0.01
System Monitoring Compounds						
3) 2-Fluorophenol	5.93	112	970481	85.19	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 85.19%			
4) Phenol-d5	8.63	99	1533032	105.56	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 105.56%			
20) Nitrobenzene-d5	10.82	82	806705	59.63	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 119.26%			
38) 2-Fluorobiphenyl	15.62	172	1024943	49.78	ug/L	0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 99.56%			
54) 2,4,6-Tribromophenol	19.38	330	230668	89.37	ug/L	0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 89.37%			
68) Terphenyl-d14	25.27	244	681288	45.53	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 91.06%			
Target Compounds						Qvalue
5) Phenol	8.66	94	800347	48.45	ug/L #	86
7) bis(2-Chloroethyl)ether	8.69	93	670284	49.64	ug/L	85
8) 2-Chlorophenol	8.78	128	455773	36.74	ug/L	85
9) 1,3-Dichlorobenzene	9.10	146	478378	38.19	ug/L	98
10) 1,4-Dichlorobenzene	9.25	146	624030	48.13	ug/L	95
11) Benzyl alcohol	9.73	108	8933	1.12	ug/L #	1
12) 1,2-Dichlorobenzene	9.74	146	524208	44.60	ug/L #	85
13) 2-Methylphenol	10.23	108	474911	47.30	ug/L #	80
14) bis(2-Chloroisopropyl)ethe	10.18	45	1174130	48.53	ug/L #	67
15) 4-Methylphenol	10.64	107	599908	47.66	ug/L #	85
16) 3-Methylphenol	10.64	107	599908	47.66	ug/L #	85
17) n-Nitroso-di-n-propylamine	10.57	70	370882	60.24	ug/L	96
18) Hexachloroethane	10.55	117	309314	53.45	ug/L	89
21) Nitrobenzene	10.87	123	288392	37.68	ug/L	84
22) Isophorone	11.55	82	902023	33.03	ug/L	95
23) 2-Nitrophenol	11.74	139	291940	36.13	ug/L	89
24) 2,4-Dimethylphenol	12.03	122	350344	42.24	ug/L	94
25) bis(2-Chloroethoxy)methane	12.21	93	688857	39.72	ug/L	86
26) Benzoic acid	12.63	105	136673	16.97	ug/L #	31

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102207.D Vial: 11
Acq On : 22 Oct 2002 8:35 pm Operator: dp
Sample : 101132-809, MSD Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:28 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76) Benzo(b)fluoranthrene	30.53	252	644966	53.72	ug/L	98
77) Benzo(k)fluoranthrene	30.58	252	650901	49.98	ug/L	97
78) Benzo(a)pyrene	31.25	252	539474	49.48	ug/L	98
79) Indeno(1,2,3-cd)pyrene	33.53	276	434936	34.83	ug/L	88
80) Dibenzo(a,h)anthracene	33.54	278	357423	36.66	ug/L	97
81) Benzo(g,h,i)perylene	34.00	276	319773	28.86	ug/L	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

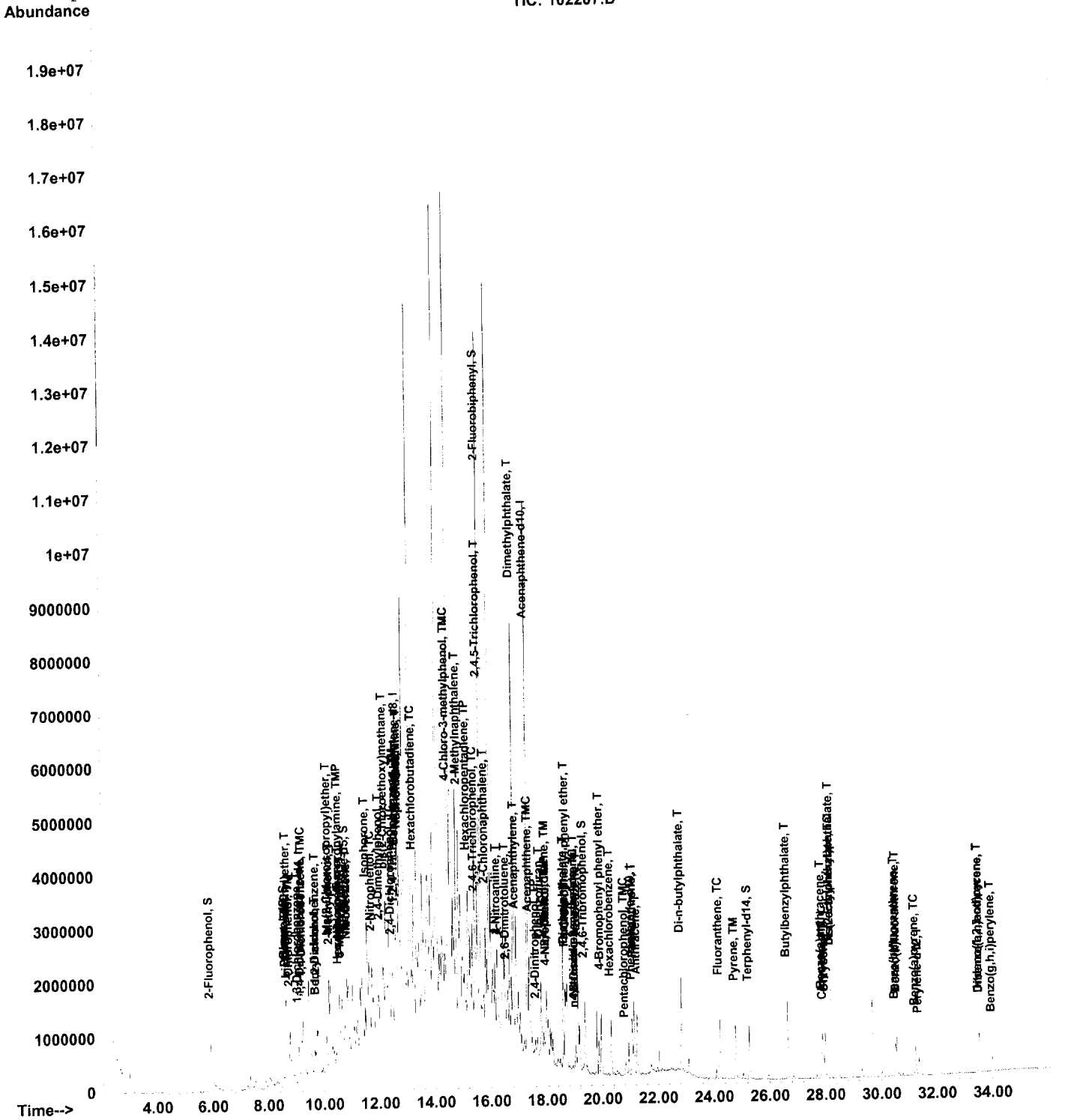
Data File : C:\HPCHEM\1\DATA\OCT02\102202\102207.D
Acq On : 22 Oct 2002 8:35 pm
Sample : 101132-809, MSD
Misc : 10.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Oct 23 9:28 19102

Vial: 11
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration

TIC: 102207.D



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102208.D Vial: 12
Acq On : 22 Oct 2002 9:19 pm Operator: dp
Sample : 101132-810 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	408894	40.00	ug/L	0.00
19) Naphthalene-d8	12.66	136	1036749	40.00	ug/L	0.02
34) Acenaphthene-d10	17.31	164	450011	40.00	ug/L	0.02
55) Phenanthrene-d10	21.08	188	534667	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	375821	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	199817	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.93	112	938904	106.20	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 106.20%			
4) Phenol-d5	8.63	99	1398046	124.05	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 124.05%#			
20) Nitrobenzene-d5	10.83	82	889805	72.65	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 145.30%#			
38) 2-Fluorobiphenyl	15.62	172	834205	50.37	ug/L	0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 100.74%			
54) 2,4,6-Tribromophenol	19.38	330	169243	81.51	ug/L	0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 81.51%			
68) Terphenyl-d14	25.27	244	544424	45.52	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 91.04%			
Target Compounds						Qvalue
6) Aniline	8.52	93	5567	0.60	ug/L #	1
15) 4-Methylphenol	10.68	107	10176	1.04	ug/L #	1
16) 3-Methylphenol	10.68	107	10176	1.04	ug/L #	1
17) n-Nitroso-di-n-propylamine	10.59	70	121726	~~25.48~~	ug/L #	67
18) Hexachloroethane	10.68	117	131183	~~29.21~~	ug/L #	24
21) Nitrobenzene	10.90	123	7552	1.09	ug/L	65
22) Isophorone	11.87	82	21996	0.89	ug/L	90
24) 2,4-Dimethylphenol	12.05	122	15539	2.07	ug/L #	1
26) Benzoic acid	12.64	105	197700	~~27.11~~	ug/L #	37
27) 2,4-Dichlorophenol	12.46	162	34315	3.89	ug/L #	56
29) Naphthalene	12.72	128	959855	28.88	ug/L #	86
30) 4-Chloroaniline	12.72	127	164781	~~40.53~~	ug/L	83
32) 4-Chloro-3-methylphenol	14.32	107	5796	0.63	ug/L #	1
33) 2-Methylnaphthalene	14.86	142	2091354	98.38	ug/L	93
36) 2,4,6-Trichlorophenol	15.43	196	5241	1.10	ug/L #	16
37) 2,4,5-Trichlorophenol	15.57	196	4075	0.79	ug/L #	15
40) 2-Nitroaniline	16.24	138	5803	0.77	ug/L #	1
42) 2,6-Dinitrotoluene	16.58	165	34894	7.72	ug/L	91
43) Acenaphthylene	16.96	152	25691	1.03	ug/L #	1

(#) = qualifier out of range (m) = manual integration

000329

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102208.D Vial: 12
Acq On : 22 Oct 2002 9:19 pm Operator: dp
Sample : 101132-810 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

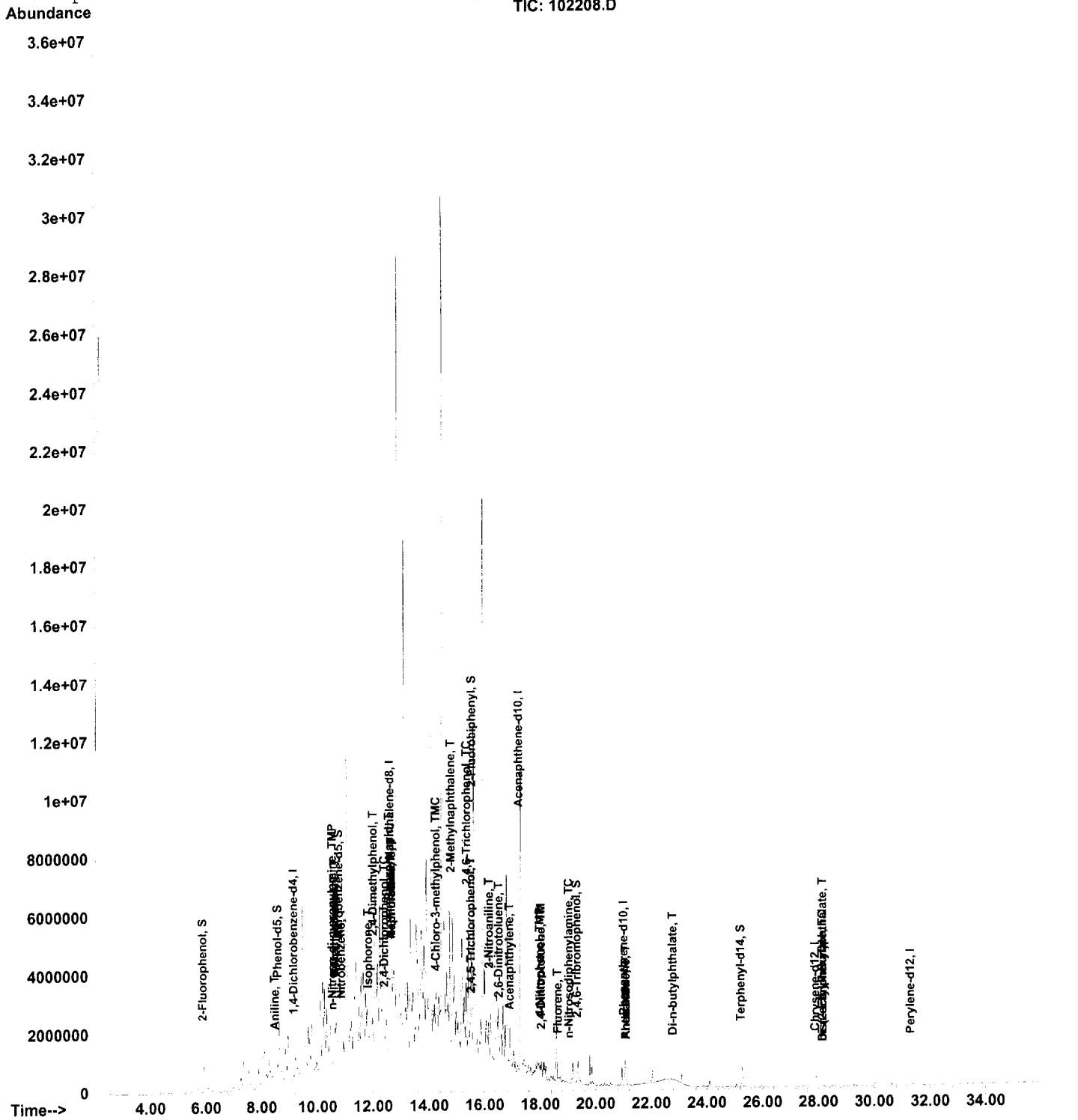
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
44) 3-Nitroaniline	16.24	138	5803	0.77 ug/L #	1
47) 4-Nitrophenol	18.05	109	2090	0.93 ug/L #	67
48) 2,4-Dinitrotoluene	18.10	165	3131	0.56 ug/L	69
52) Fluorene	18.69	166	25586	1.50 ug/L #	87
57) n-Nitrosodiphenylamine	19.09	169	13382	1.31 ug/L #	53
62) Anthracene	21.14	178	24775	1.29 ug/L	93
63) Phenanthrene	21.14	178	24775	1.29 ug/L	94
64) Di-n-butylphthalate	22.84	149	15952	0.54 ug/L #	68
71) bis(2-Ethylhexyl)phthalate	28.20	149	12634	0.81 ug/L #	78
75) Di-n-octylphthalate	28.20	149	12634	0.95 ug/L #	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102208.D Vial: 12
Acq On : 22 Oct 2002 9:19 pm Operator: dp
Sample : 101132-810 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102209.D Vial: 13
Acq On : 22 Oct 2002 10:02 pm Operator: dp
Sample : 101132-811 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	423294	40.00	ug/L	0.00
19) Naphthalene-d8	12.65	136	1096999	40.00	ug/L	0.01
34) Acenaphthene-d10	17.30	164	499493	40.00	ug/L	0.01
55) Phenanthrene-d10	21.08	188	549073	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	414011	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	228202	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.93	112	745302	81.43	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 81.43%			
4) Phenol-d5	8.63	99	1163180	99.70	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 99.70%			
20) Nitrobenzene-d5	10.83	82	638425	49.26	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 98.52%			
38) 2-Fluorobiphenyl	15.62	172	809004	44.01	ug/L	0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 88.02%			
54) 2,4,6-Tribromophenol	19.38	330	177413	76.98	ug/L	0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 76.98%			
68) Terphenyl-d14	25.27	244	567061	43.04	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 86.08%			
Target Compounds						Qvalue
17) n-Nitroso-di-n-propylamine	10.57	70	48649	9.84	ug/L #	69
21) Nitrobenzene	10.86	123	5498	0.75	ug/L	81
24) 2,4-Dimethylphenol	12.07	122	10786	1.36	ug/L #	1
25) bis(2-Chloroethoxy)methane	12.25	93	11258	0.68	ug/L #	1
26) Benzoic acid	12.63	105	147132	19.06	ug/L #	33
27) 2,4-Dichlorophenol	12.46	162	23060	2.47	ug/L #	23
29) Naphthalene	12.71	128	703376	20.00	ug/L #	91
30) 4-Chloroaniline	12.45	127	14668	3.41	ug/L	69
32) 4-Chloro-3-methylphenol	14.34	107	24262	2.49	ug/L #	1
33) 2-Methylnaphthalene	14.85	142	1599731	71.12	ug/L	93
36) 2,4,6-Trichlorophenol	15.43	196	4644	0.88	ug/L #	49
37) 2,4,5-Trichlorophenol	15.51	196	9287	1.63	ug/L #	46
43) Acenaphthylene	16.95	152	18523	0.67	ug/L #	1
45) Acenaphthene	17.38	154	10038	0.60	ug/L #	42
47) 4-Nitrophenol	18.10	109	3356	1.34	ug/L #	1
48) 2,4-Dinitrotoluene	18.02	165	5570	0.90	ug/L #	40
49) Dibenzofuran	17.79	168	58306	2.45	ug/L #	66
52) Fluorene	18.70	166	24901	1.32	ug/L #	35
57) n-Nitrosodiphenylamine	18.73	169	7338	0.70	ug/L	82

(#) = qualifier out of range (m) = manual integration

000332

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102209.D Vial: 13
Acq On : 22 Oct 2002 10:02 pm Operator: dp
Sample : 101132-811 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
58) Azobenzene	19.15	77	10701	0.51	ug/L	#	1
63) Phenanthrene	21.12	178	21838	1.11	ug/L		85
64) Di-n-butylphthalate	22.84	149	15251	0.51	ug/L	#	79
71) bis(2-Ethylhexyl)phthalate	28.20	149	9501	0.56	ug/L	#	88
75) Di-n-octylphthalate	28.20	149	9501	0.63	ug/L	#	91

(#) = qualifier out of range (m) = manual integration

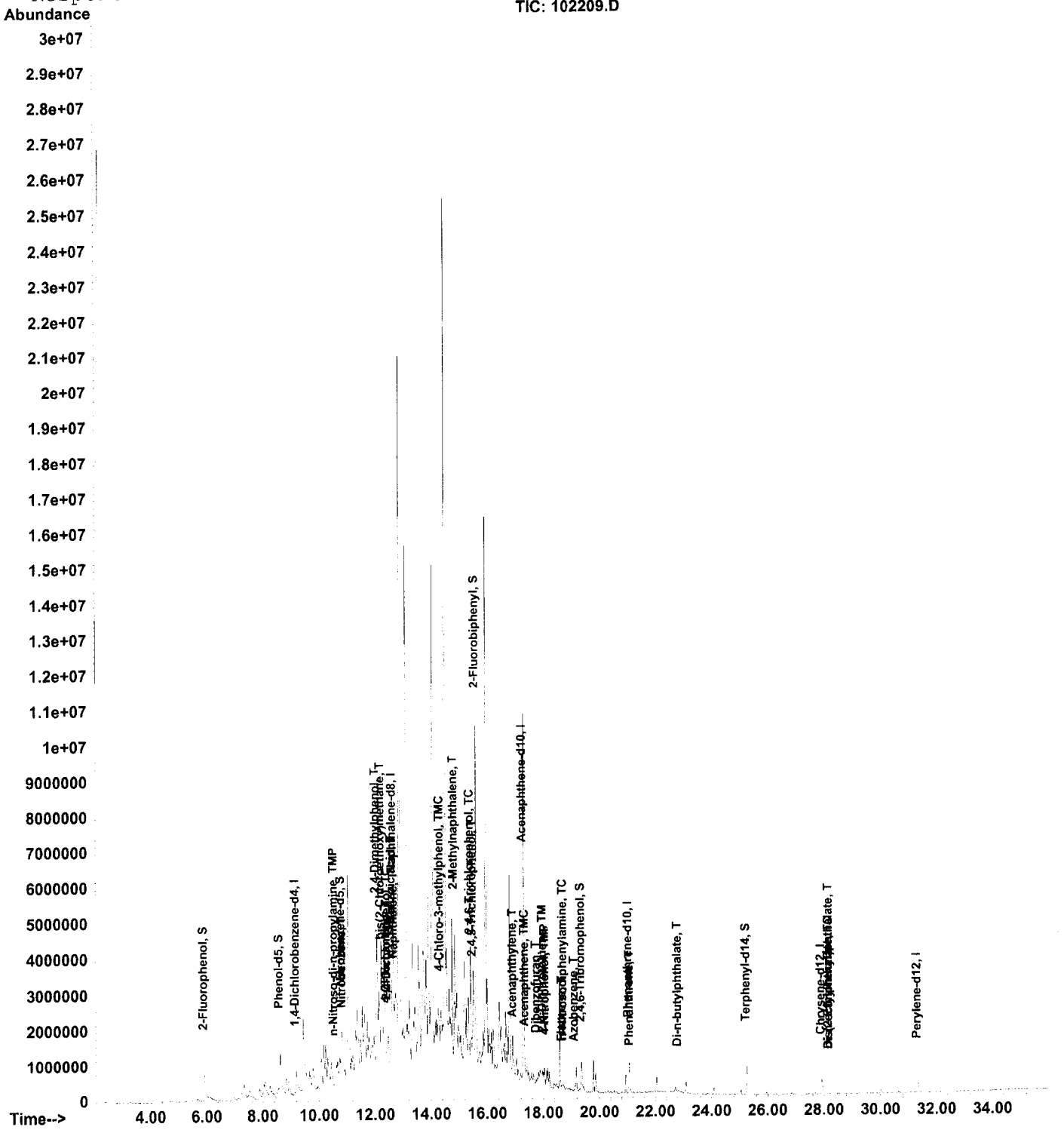
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102209.D
Acq On : 22 Oct 2002 10:02 pm
Sample : 101132-811
Misc : 10.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102

Vial: 13
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



000334

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102210.D Vial: 14
Acq On : 22 Oct 2002 10:46 pm Operator: dp
Sample : 101132-812 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	447256	40.00	ug/L	0.00
19) Naphthalene-d8	12.65	136	1150942	40.00	ug/L	0.01
34) Acenaphthene-d10	17.30	164	544395	40.00	ug/L	0.01
55) Phenanthrene-d10	21.08	188	606012	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	472509	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	245630	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.92	112	819203	84.71	ug/L	-0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 84.71%			
4) Phenol-d5	8.62	99	1291252	104.74	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 104.74%			
20) Nitrobenzene-d5	10.83	82	773551	56.89	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 113.78%			
38) 2-Fluorobiphenyl	15.62	172	867107	43.28	ug/L	0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 86.56%			
54) 2,4,6-Tribromophenol	19.37	330	185813	73.98	ug/L	0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 73.98%			
68) Terphenyl-d14	25.27	244	614770	40.88	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 81.76%			
Target Compounds						Qvalue
17) n-Nitroso-di-n-propylamine	10.61	70	94003	~~17.99~~	ug/L #	67
18) Hexachloroethane	10.42	117	16020	3.26	ug/L #	24
21) Nitrobenzene	10.88	123	12595	1.64	ug/L #	1
24) 2,4-Dimethylphenol	12.00	122	4252	0.51	ug/L #	1
26) Benzoic acid	12.63	105	155451	~~19.20~~	ug/L #	31
27) 2,4-Dichlorophenol	12.46	162	27864	2.84	ug/L #	54
29) Naphthalene	12.71	128	753377	20.42	ug/L	98
30) 4-Chloroaniline	12.71	127	102205	~~22.64~~	ug/L	96
33) 2-Methylnaphthalene	14.85	142	1750210	74.16	ug/L	92
36) 2,4,6-Trichlorophenol	15.43	196	4135	0.72	ug/L #	2
40) 2-Nitroaniline	16.24	138	10731	1.17	ug/L #	1
42) 2,6-Dinitrotoluene	16.96	165	3643	0.67	ug/L #	1
44) 3-Nitroaniline	16.24	138	10731	1.17	ug/L #	1
47) 4-Nitrophenol	17.91	109	6126	2.24	ug/L	84
48) 2,4-Dinitrotoluene	17.84	165	34915	5.17	ug/L	79
49) Dibenzofuran	17.80	168	73643	2.84	ug/L	77
52) Fluorene	18.68	166	27055	1.31	ug/L #	85
53) 4-Nitroaniline	16.24	138	10731	1.17	ug/L #	1
57) n-Nitrosodiphenylamine	19.09	169	12464	1.08	ug/L #	57

(#) = qualifier out of range (m) = manual integration

000335

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102210.D Vial: 14
Acq On : 22 Oct 2002 10:46 pm Operator: dp
Sample : 101132-812 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
63)	Phenanthrene	21.13	178	17612	0.81	ug/L	#	82
71)	bis(2-Ethylhexyl)phthalate	28.20	149	10742	0.55	ug/L	#	95
75)	Di-n-octylphthalate	28.20	149	10742	0.66	ug/L		94

(#) = qualifier out of range (m) = manual integration

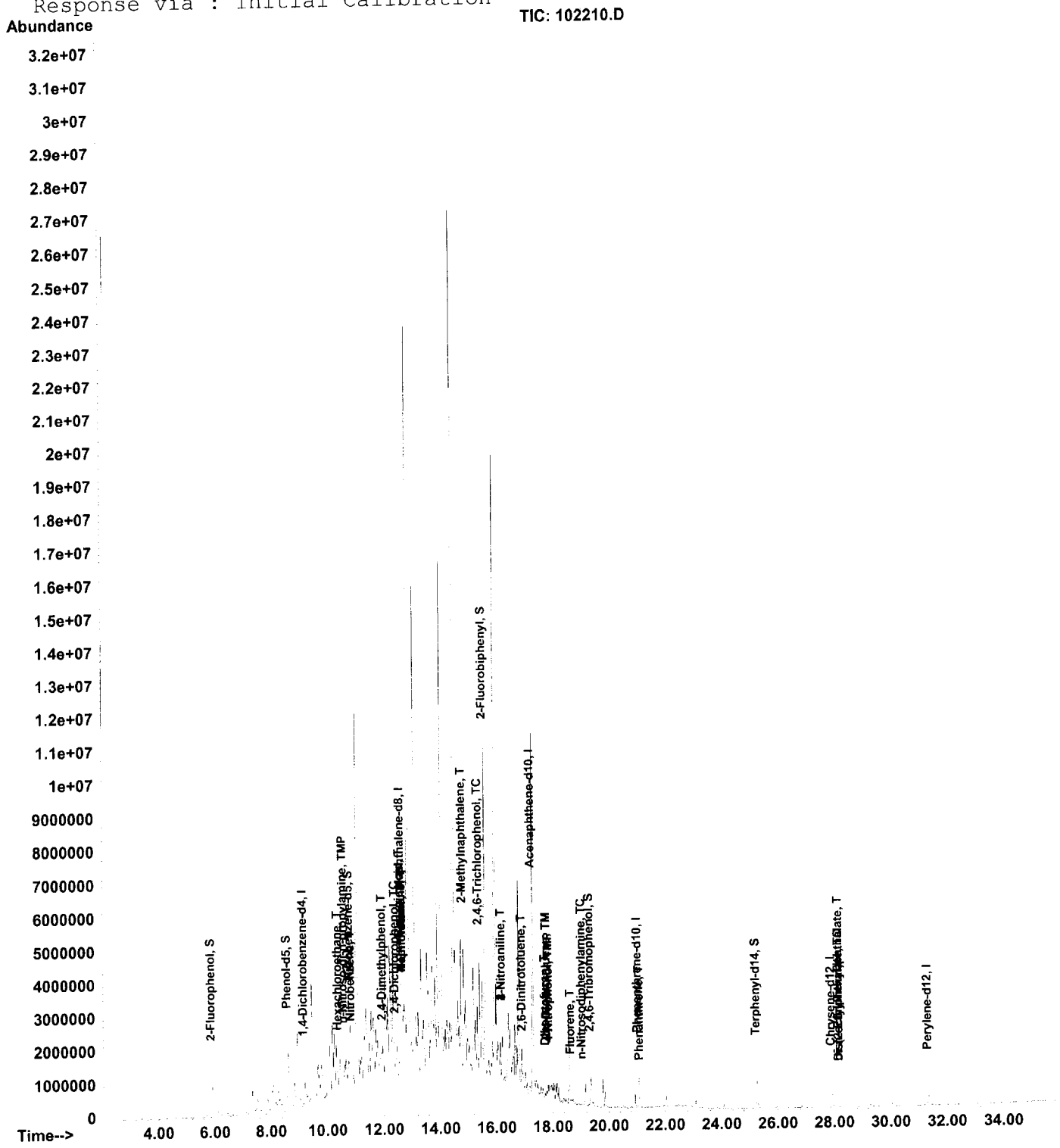
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102210.D
Acq On : 22 Oct 2002 10:46 pm
Sample : 101132-812
Misc : 10.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Oct 23 9:37 19102

Vial: 14
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



000337

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102211.D Vial: 15
Acq On : 22 Oct 2002 11:29 pm Operator: dp
Sample : 101132-813 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

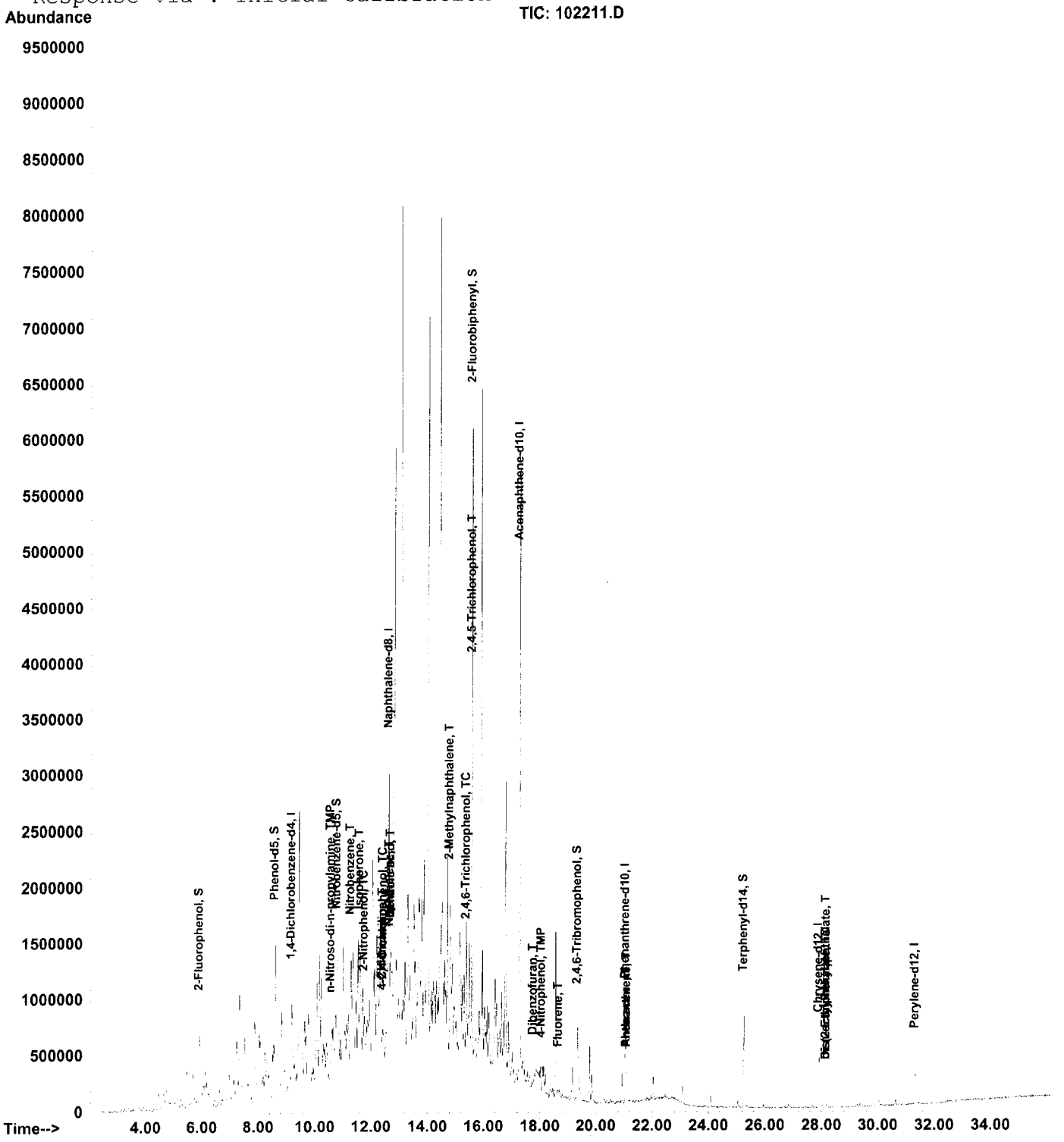
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	406947	40.00	ug/L	0.00
19) Naphthalene-d8	12.64	136	999966	40.00	ug/L	0.00
34) Acenaphthene-d10	17.29	164	451334	40.00	ug/L	0.00
55) Phenanthrene-d10	21.08	188	582116	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	459448	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	246100	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.93	112	587114	66.73	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 66.73%			
4) Phenol-d5	8.61	99	991328	88.38	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 88.38%			
20) Nitrobenzene-d5	10.81	82	514756	43.57	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 87.14%			
38) 2-Fluorobiphenyl	15.59	172	648782	39.06	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 78.12%			
54) 2,4,6-Tribromophenol	19.37	330	148383	71.25	ug/L	0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 71.25%			
68) Terphenyl-d14	25.27	244	626371	42.84	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 85.68%			
Target Compounds						Qvalue
17) n-Nitroso-di-n-propylamine	10.60	70	58519	12.31	ug/L #	65
21) Nitrobenzene	11.30	123	11080	1.66	ug/L	81
22) Isophorone	11.61	82	163446	6.85	ug/L #	1
23) 2-Nitrophenol	11.77	139	6004	0.85	ug/L #	1
26) Benzoic acid	12.73	105	32774	4.66	ug/L #	1
27) 2,4-Dichlorophenol	12.45	162	11463	1.35	ug/L #	64
29) Naphthalene	12.69	128	416208	12.99	ug/L #	92
30) 4-Chloroaniline	12.44	127	6304	1.61	ug/L	96
33) 2-Methylnaphthalene	14.82	142	658195	32.10	ug/L	95
36) 2,4,6-Trichlorophenol	15.40	196	2482	0.52	ug/L #	75
37) 2,4,5-Trichlorophenol	15.61	196	2977	0.58	ug/L #	59
47) 4-Nitrophenol	18.09	109	3388	1.50	ug/L #	23
49) Dibenzofuran	17.79	168	30512	1.42	ug/L	90
52) Fluorene	18.68	166	10022	0.59	ug/L #	41
62) Anthracene	21.12	178	11039	0.53	ug/L	87
63) Phenanthrene	21.12	178	11039	0.53	ug/L	86
71) bis(2-Ethylhexyl)phthalate	28.19	149	10219	0.54	ug/L #	92
75) Di-n-octylphthalate	28.19	149	10219	0.62	ug/L #	85

(#) = qualifier out of range (m) = manual integration

000338

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102211.D Vial: 15
Acq On : 22 Oct 2002 11:29 pm Operator: dp
Sample : 101132-813 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



000339

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102212.D Vial: 16
Acq On : 23 Oct 2002 12:13 am Operator: dp
Sample : 101132-814 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.21	150	417214	40.00	ug/L	0.01
19) Naphthalene-d8	12.67	136	1110988	40.00	ug/L	0.02
34) Acenaphthene-d10	17.31	164	516417	40.00	ug/L	0.02
55) Phenanthrene-d10	21.08	188	486615	40.00	ug/L	0.00
66) Chrysene-d12	27.92	240	434849	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	250569	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.92	112	802732	88.99	ug/L	-0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 88.99%			
4) Phenol-d5	8.63	99	1376004	119.66	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 119.66%#			
20) Nitrobenzene-d5	10.83	82	861318	65.62	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 131.24%#			
38) 2-Fluorobiphenyl	15.62	172	855317	45.00	ug/L	0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 90.00%			
54) 2,4,6-Tribromophenol	19.38	330	174060	73.05	ug/L	0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 73.05%			
68) Terphenyl-d14	25.27	244	545557	39.42	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 78.84%			
Target Compounds						Qvalue
5) Phenol	8.65	94	114237	~~8.73~~	ug/L #	1
6) Aniline	8.53	93	12583	1.33	ug/L #	1
15) 4-Methylphenol	10.68	107	12703	1.27	ug/L #	1
16) 3-Methylphenol	10.68	107	12703	1.27	ug/L #	1
17) n-Nitroso-di-n-propylamine	10.52	70	4611	0.95	ug/L #	79
18) Hexachloroethane	10.44	117	25672	5.60	ug/L #	24
21) Nitrobenzene	10.89	123	21796	2.93	ug/L #	1
22) Isophorone	11.65	82	513317	~~19.37~~	ug/L #	1
23) 2-Nitrophenol	11.66	139	9879	1.26	ug/L #	1
24) 2,4-Dimethylphenol	11.67	122	28231	3.51	ug/L	96
26) Benzoic acid	12.63	105	220473	~~28.21~~	ug/L #	28
27) 2,4-Dichlorophenol	12.46	162	33099	3.50	ug/L #	43
29) Naphthalene	12.72	128	2096385	58.87	ug/L	92
30) 4-Chloroaniline	12.72	127	318440	~~73.09~~	ug/L	90
32) 4-Chloro-3-methylphenol	14.36	107	10155	1.03	ug/L #	1
33) 2-Methylnaphthalene	14.86	142	2369601	104.02	ug/L	92
36) 2,4,6-Trichlorophenol	15.43	196	6841	1.26	ug/L #	55
37) 2,4,5-Trichlorophenol	15.54	196	9883	1.67	ug/L #	75
40) 2-Nitroaniline	16.23	138	8509	0.98	ug/L #	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102212.D Vial: 16
Acq On : 23 Oct 2002 12:13 am Operator: dp
Sample : 101132-814 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

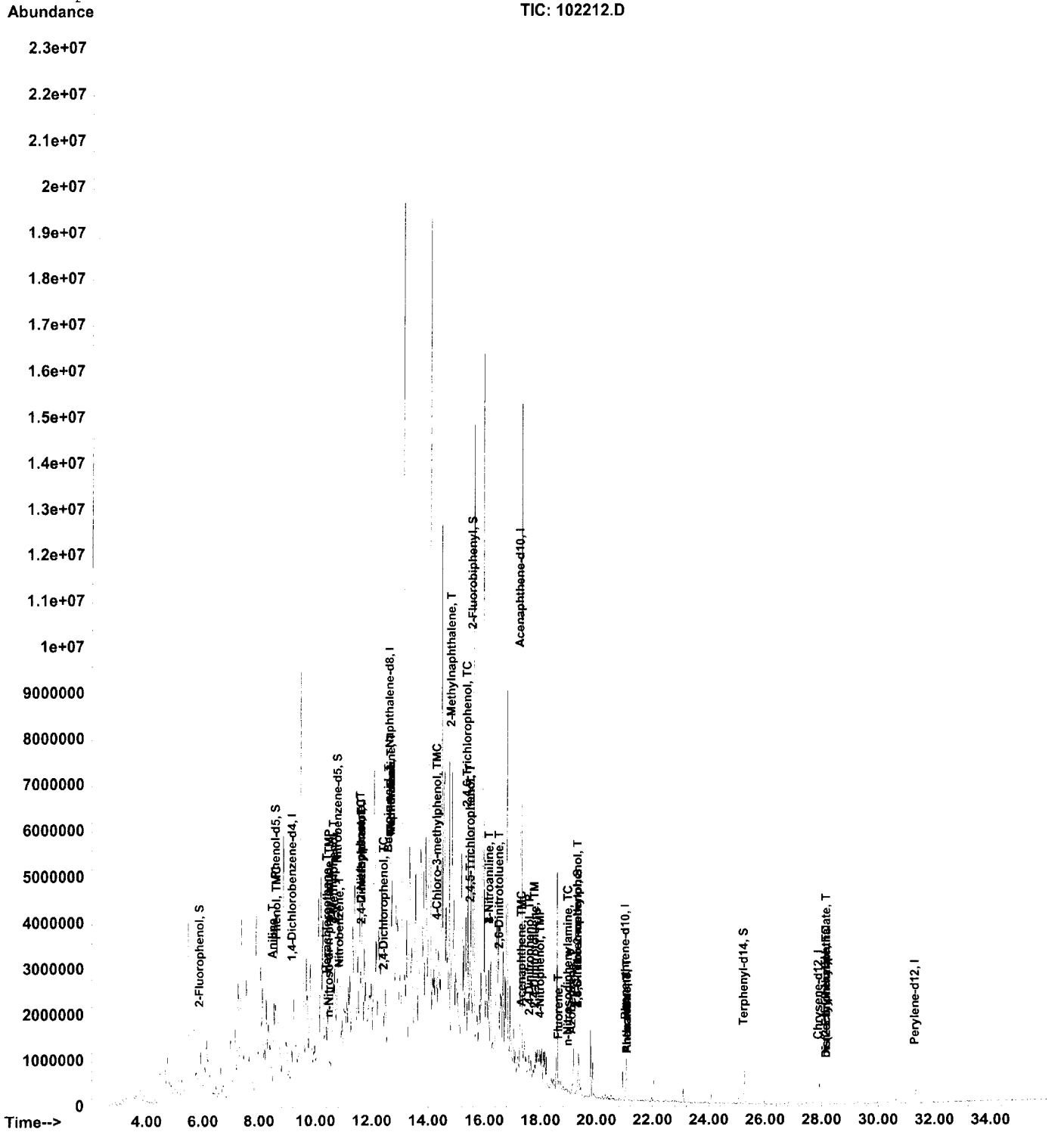
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	2,6-Dinitrotoluene	16.58	165	76277	14.71	ug/L		92
44)	3-Nitroaniline	16.23	138	8509	0.98	ug/L	#	1
45)	Acenaphthene	17.38	154	11122	0.65	ug/L	#	65
46)	2,4-Dinitrophenol	17.66	184	1154	0.50	ug/L	#	1
47)	4-Nitrophenol	18.03	109	7040	2.72	ug/L	#	40
48)	2,4-Dinitrotoluene	17.85	165	54729	8.54	ug/L		81
52)	Fluorene	18.69	166	34548	1.77	ug/L	#	92
53)	4-Nitroaniline	16.23	138	8509	0.98	ug/L	#	1
56)	4,6-Dinitro-2-methylphenol	19.38	198	5125	1.90	ug/L		76
57)	n-Nitrosodiphenylamine	19.03	169	12467	1.34	ug/L		81
58)	Azobenzene	19.16	77	13147	0.71	ug/L	#	1
62)	Anthracene	21.13	178	22991	1.31	ug/L		96
63)	Phenanthrene	21.13	178	22991	1.32	ug/L	#	91
71)	bis(2-Ethylhexyl)phthalate	28.21	149	13889	0.77	ug/L	#	96
75)	Di-n-octylphthalate	28.21	149	13889	0.83	ug/L		92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102212.D Vial: 16
Acq On : 23 Oct 2002 12:13 am Operator: dp
Sample : 101132-814 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



000342

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102213.D
Acq On : 23 Oct 2002 12:56 am
Sample : 101132-815
Misc : 10.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102

Vial: 17
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

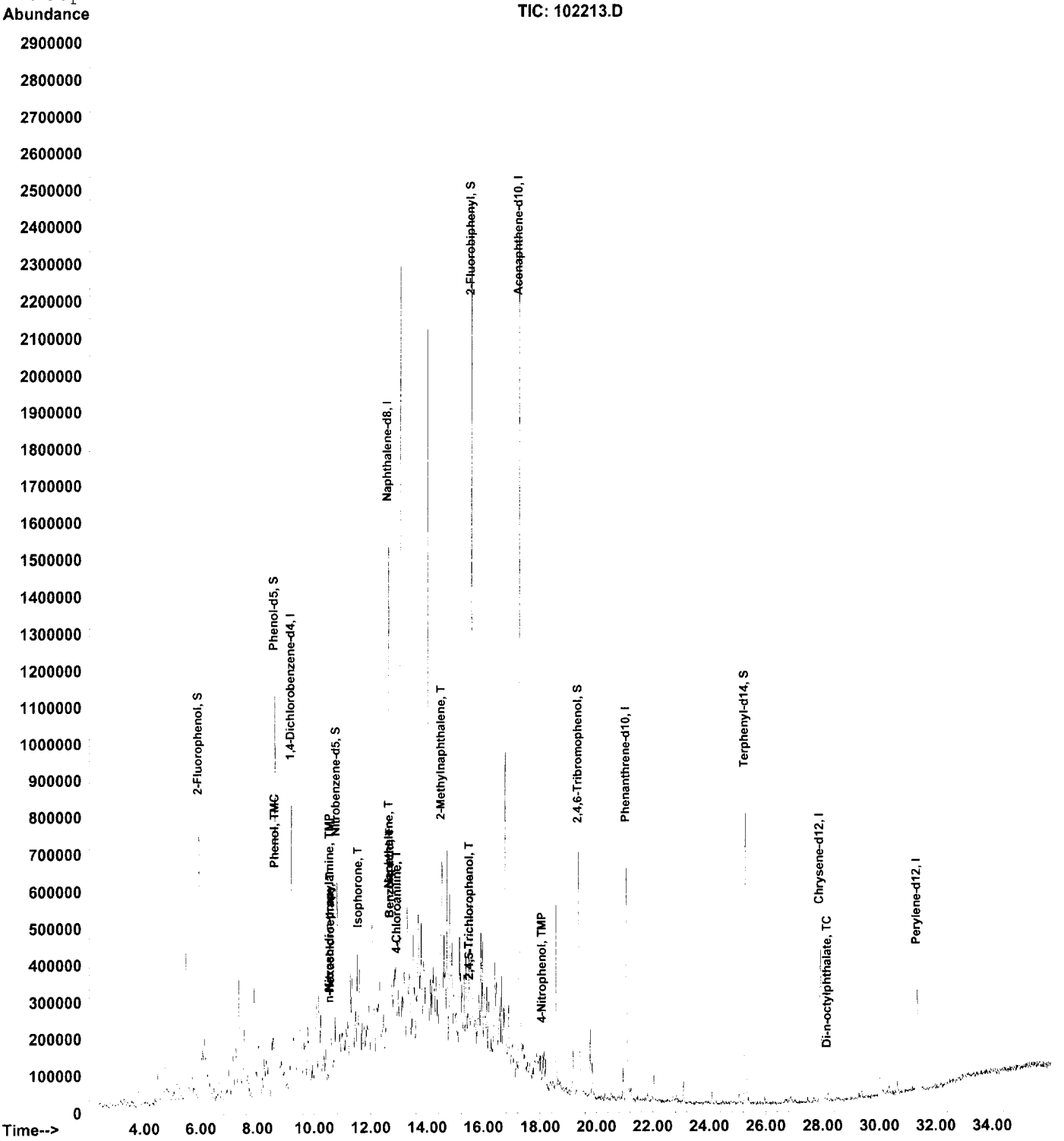
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	467182	40.00	ug/L	0.00
19) Naphthalene-d8	12.63	136	1009468	40.00	ug/L	-0.01
34) Acenaphthene-d10	17.27	164	489326	40.00	ug/L	-0.01
55) Phenanthrene-d10	21.07	188	626747	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	477220	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	252591	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.93	112	721687	71.44	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 71.44%			
4) Phenol-d5	8.61	99	1017261	79.00	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 79.00%			
20) Nitrobenzene-d5	10.81	82	435596	36.53	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 73.06%			
38) 2-Fluorobiphenyl	15.58	172	619731	34.41	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 68.82%			
54) 2,4,6-Tribromophenol	19.37	330	164947	73.06	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 73.06%			
68) Terphenyl-d14	25.27	244	633310	41.70	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 83.40%			
Target Compounds						Qvalue
5) Phenol	8.65	94	37747	2.58	ug/L #	1
17) n-Nitroso-di-n-propylamine	10.59	70	20231	3.71	ug/L #	65
18) Hexachloroethane	10.61	117	5012	0.98	ug/L #	25
22) Isophorone	11.60	82	43240	1.80	ug/L #	1
26) Benzoic acid	12.72	105	11192	1.58	ug/L #	30
29) Naphthalene	12.68	128	165202	5.11	ug/L #	90
30) 4-Chloroaniline	12.97	127	3030	0.77	ug/L	79
33) 2-Methylnaphthalene	14.53	142	259210	12.52	ug/L	95
37) 2,4,5-Trichlorophenol	15.54	196	3234	0.58	ug/L #	20
47) 4-Nitrophenol	18.12	109	2437	0.99	ug/L #	12
75) Di-n-octylphthalate	28.20	149	8895	0.53	ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102213.D Vial: 17
Acq On : 23 Oct 2002 12:56 am Operator: dp
Sample : 101132-815 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



000344

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102214.D Vial: 18
Acq On : 23 Oct 2002 1:40 am Operator: dp
Sample : 101132-816 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.20	150	403838	40.00	ug/L	0.00
19) Naphthalene-d8	12.65	136	1005258	40.00	ug/L	0.01
34) Acenaphthene-d10	17.30	164	466290	40.00	ug/L	0.01
55) Phenanthrene-d10	21.08	188	528891	40.00	ug/L	0.00
66) Chrysene-d12	27.93	240	296633	40.00	ug/L	0.00
74) Perylene-d12	31.35	264	138083	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.92	112	890692	102.01	ug/L	-0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 102.01%			
4) Phenol-d5	8.62	99	1256961	112.92	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 112.92%			
20) Nitrobenzene-d5	10.83	82	776844	65.41	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 130.82%#			
38) 2-Fluorobiphenyl	15.61	172	794558	46.30	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 92.60%			
54) 2,4,6-Tribromophenol	19.37	330	174824	81.26	ug/L	0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 81.26%			
68) Terphenyl-d14	25.27	244	534168	56.58	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 113.16%			
Target Compounds						Qvalue
5) Phenol	8.65	94	36994	2.92	ug/L #	1
6) Aniline	8.51	93	4739	0.52	ug/L #	1
7) bis(2-Chloroethyl)ether	8.67	93	6774	0.65	ug/L #	22
15) 4-Methylphenol	10.67	107	12196	1.26	ug/L #	1
16) 3-Methylphenol	10.67	107	12196	1.26	ug/L #	1
17) n-Nitroso-di-n-propylamine	10.58	70	125450	26.59	ug/L #	65
18) Hexachloroethane	10.67	117	116019	26.16	ug/L #	24
21) Nitrobenzene	10.88	123	10601	1.58	ug/L #	61
22) Isophorone	11.46	82	35388	1.48	ug/L #	45
23) 2-Nitrophenol	11.82	139	17305	2.44	ug/L #	11
26) Benzoic acid	12.62	105	126473	17.88	ug/L #	41
29) Naphthalene	12.71	128	1332268	41.35	ug/L	92
30) 4-Chloroaniline	12.71	127	199351	50.57	ug/L	88
33) 2-Methylnaphthalene	14.84	142	1409532	68.38	ug/L	92
36) 2,4,6-Trichlorophenol	15.40	196	4323	0.88	ug/L #	74
37) 2,4,5-Trichlorophenol	15.54	196	3369	0.63	ug/L #	14
40) 2-Nitroaniline	16.24	138	4561	0.58	ug/L #	40
42) 2,6-Dinitrotoluene	16.57	165	37188	7.94	ug/L	97
44) 3-Nitroaniline	16.24	138	4561	0.58	ug/L #	40

(#) = qualifier out of range (m) = manual integration

000345

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102214.D Vial: 18
Acq On : 23 Oct 2002 1:40 am Operator: dp
Sample : 101132-816 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

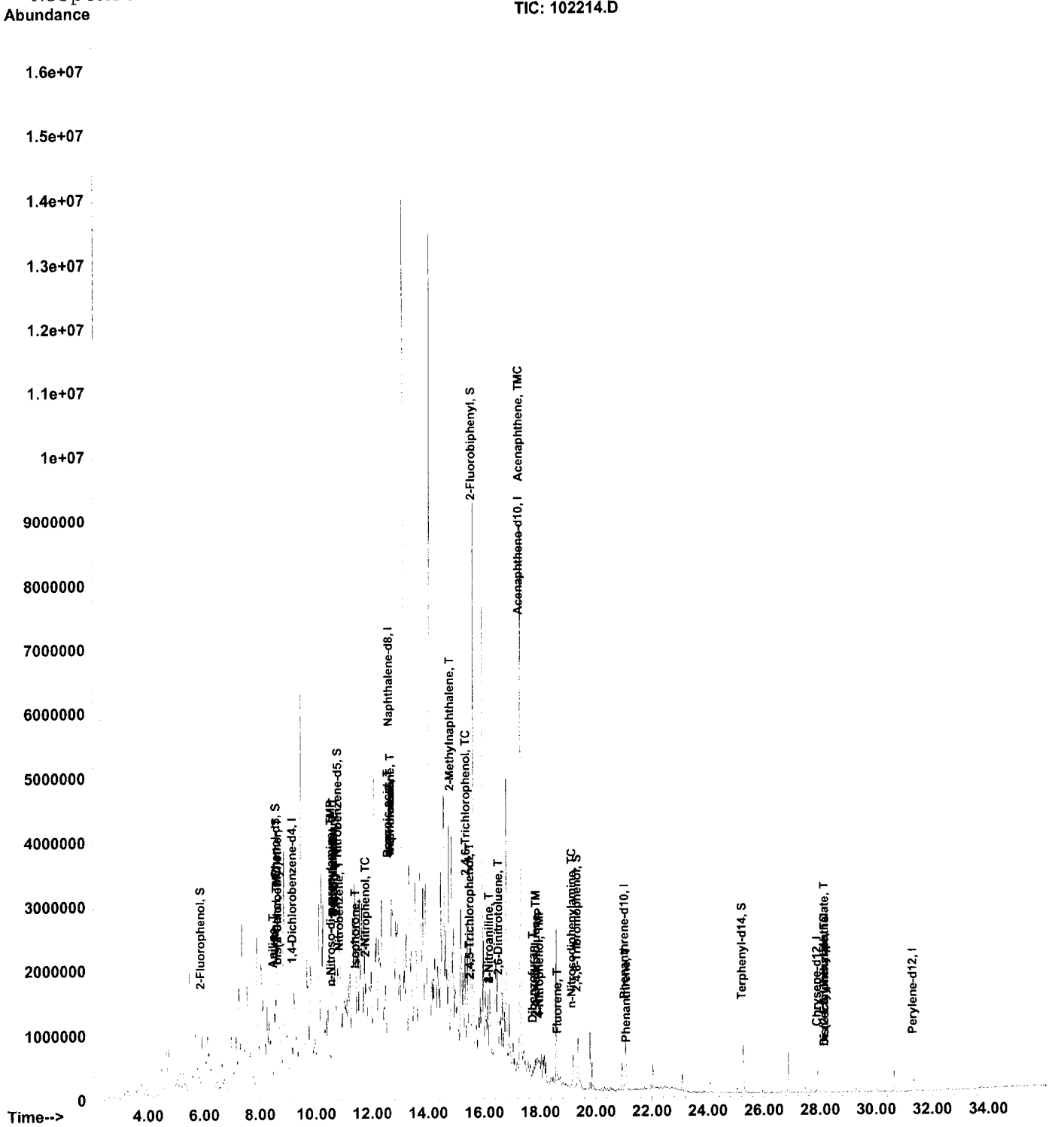
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
45) Acenaphthene	17.31	154	41455	2.66	ug/L	#	59
47) 4-Nitrophenol	18.03	109	2836	1.21	ug/L		88
48) 2,4-Dinitrotoluene	17.91	165	10379	1.79	ug/L		89
49) Dibenzofuran	17.79	168	53233	2.39	ug/L		78
52) Fluorene	18.67	166	19039	1.08	ug/L	#	94
53) 4-Nitroaniline	16.24	138	4561	0.58	ug/L	#	19
57) n-Nitrosodiphenylamine	19.18	169	15495	1.53	ug/L		76
63) Phenanthrene	21.13	178	18550	0.98	ug/L	#	88
71) bis(2-Ethylhexyl)phthalate	28.20	149	7673	0.63	ug/L	#	92
75) Di-n-octylphthalate	28.20	149	7673	0.84	ug/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102214.D Vial: 18
Acq On : 23 Oct 2002 1:40 am Operator: dp
Sample : 101132-816 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



000347

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102215.D Vial: 19
Acq On : 23 Oct 2002 2:23 am Operator: dp
Sample : 101132-817 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.21	150	368364	40.00	ug/L	0.01
19) Naphthalene-d8	12.67	136	924619	40.00	ug/L	0.02
34) Acenaphthene-d10	17.30	164	403331	40.00	ug/L	0.01
55) Phenanthrene-d10	21.08	188	435957	40.00	ug/L	0.00
66) Chrysene-d12	27.92	240	377948	40.00	ug/L	0.00
74) Perylene-d12	31.34	264	196024	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.92	112	781750	98.15	ug/L	-0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 98.15%			
4) Phenol-d5	8.63	99	1252424	123.35	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 123.35%#			
20) Nitrobenzene-d5	10.83	82	793467	72.64	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 145.28%#			
38) 2-Fluorobiphenyl	15.61	172	693344	46.71	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 93.42%			
54) 2,4,6-Tribromophenol	19.38	330	151808	81.58	ug/L	0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 81.58%			
68) Terphenyl-d14	25.27	244	479267	39.84	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 79.68%			
Target Compounds						Qvalue
5) Phenol	8.66	94	28685	2.48	ug/L #	1
6) Aniline	8.52	93	8748	1.05	ug/L #	1
7) bis(2-Chloroethyl)ether	8.68	93	6215	0.66	ug/L #	1
13) 2-Methylphenol	10.18	108	5369	0.76	ug/L #	1
15) 4-Methylphenol	10.69	107	6322	0.72	ug/L #	1
16) 3-Methylphenol	10.69	107	6322	0.72	ug/L #	1
17) n-Nitroso-di-n-propylamine	10.59	70	187337	~~43.52~~	ug/L #	66
18) Hexachloroethane	10.68	117	177477	~~43.86~~	ug/L #	24
21) Nitrobenzene	10.89	123	17315	2.80	ug/L	74
22) Isophorone	11.64	82	471374	~~21.38~~	ug/L #	1
24) 2,4-Dimethylphenol	12.07	122	10235	1.53	ug/L #	1
25) bis(2-Chloroethoxy)methane	12.24	93	10264	0.73	ug/L #	1
26) Benzoic acid	12.63	105	177522	~~27.29~~	ug/L #	27
27) 2,4-Dichlorophenol	12.47	162	30122	3.83	ug/L #	56
29) Naphthalene	12.71	128	1908722	64.40	ug/L	93
30) 4-Chloroaniline	12.71	127	285103	~~78.62~~	ug/L	93
32) 4-Chloro-3-methylphenol	14.73	107	18500	2.25	ug/L	89
33) 2-Methylnaphthalene	14.85	142	1854113	97.80	ug/L	94
36) 2,4,6-Trichlorophenol	15.43	196	3648	0.86	ug/L #	28

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102215.D Vial: 19
Acq On : 23 Oct 2002 2:23 am Operator: dp
Sample : 101132-817 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Quant Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration
DataAcq Meth : 020401

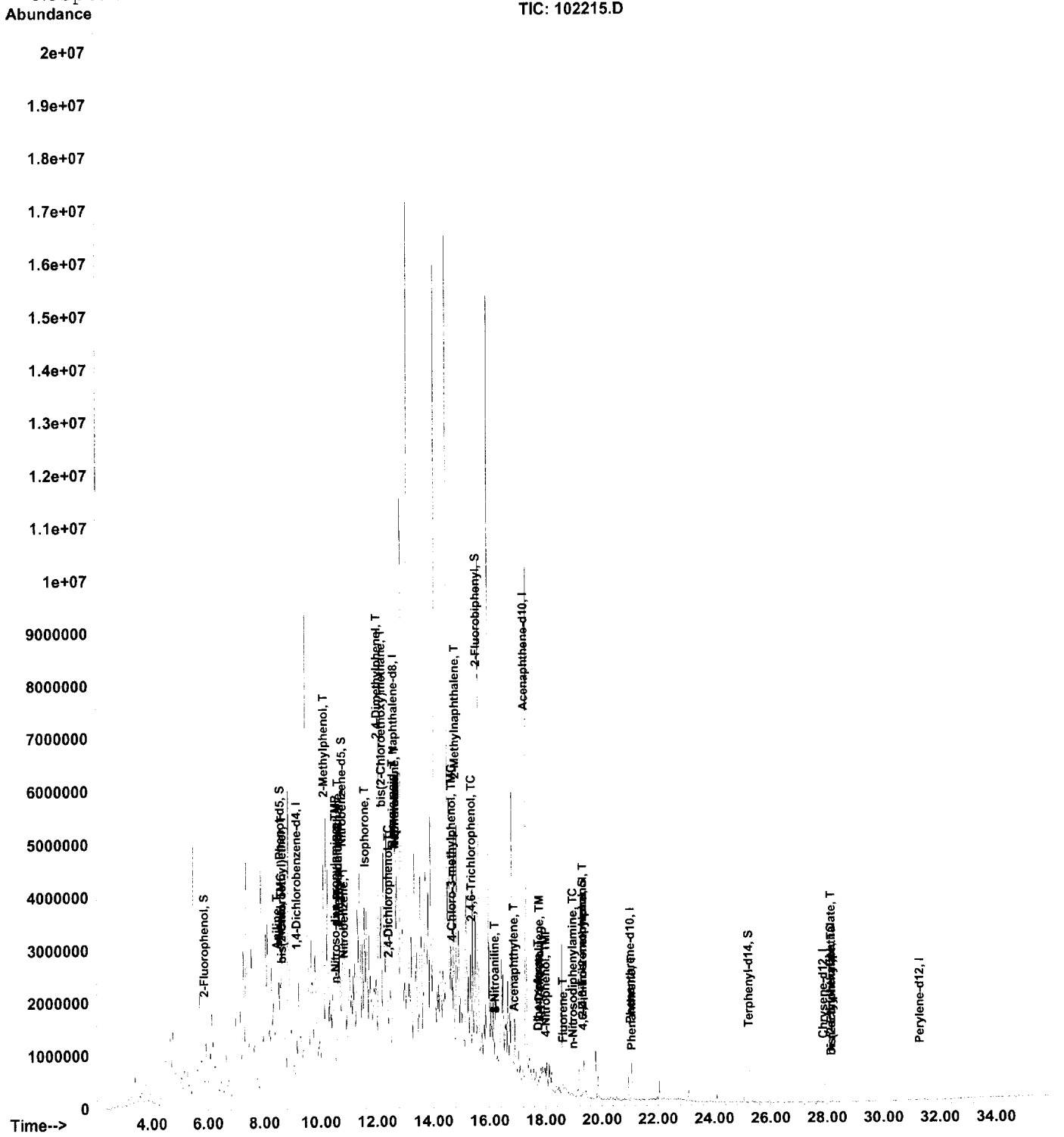
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) 2-Nitroaniline	16.26	138	5939	0.87 ug/L #	2
43) Acenaphthylene	16.94	152	20672	0.93 ug/L #	1
44) 3-Nitroaniline	16.26	138	5939	0.87 ug/L #	2
47) 4-Nitrophenol	18.07	109	2796	1.38 ug/L #	1
48) 2,4-Dinitrotoluene	17.84	165	31365	6.27 ug/L	95
49) Dibenzofuran	17.80	168	68920	3.58 ug/L	95
52) Fluorene	18.68	166	25518	1.67 ug/L #	84
53) 4-Nitroaniline	16.26	138	5939	0.87 ug/L #	1
56) 4,6-Dinitro-2-methylphenol	19.39	198	2526	1.04 ug/L	85
57) n-Nitrosodiphenylamine	19.03	169	6670	0.80 ug/L	87
63) Phenanthrene	21.12	178	18775	1.20 ug/L #	83
71) bis(2-Ethylhexyl)phthalate	28.21	149	8647	0.55 ug/L	95
75) Di-n-octylphthalate	28.21	149	8647	0.66 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT02\102202\102215.D Vial: 19
Acq On : 23 Oct 2002 2:23 am Operator: dp
Sample : 101132-817 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 23 9:38 19102 Quant Results File: 100302.RES

Method : C:\HPCHEM\1\METHODS\100302.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Oct 23 09:23:40 2002
Response via : Initial Calibration



ASSOCIATED LABORATORIES
8270 PREP SHEET

[redacted]

000351

BATCH ID: ~~101129~~ 102202 S.

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SURR. ADDED	SPIKE ADDED	INITIAL WT / VOL	FINAL VOLUME	DATE EXT.	EXT. BY	COMMENT
BLANK	3550B	S	1. ml		30. g	1 ml	10/27/02	HE	Foster Wheeler
LCS				1. ml	30. g	1 ml			
MS - 386809				1. ml	10. g	1 ml			
MSD - 386809				1. ml	10. g	1 ml			
101132 - 386809					10. g	1 ml			all samples spiked
-386810					10. g	1 ml			
-386811					10. g	1 ml			
-386812					10. g	1 ml			
-386813					10. g	1 ml			
-386814					10. g	1 ml			
-386815					10. g	1 ml			
-386816					10. g	1 ml			
-386817					10. g	1 ml			
101017 - 386428					10. g	1. ml			FGL
101076 - 386678					10. g	1.			Boeing.

Solvent Manufacturer and Lot # Mallinckrodt #023326

Florisil Manufacturer & Lot #

Sand Manufacturer & Lot # SPECTRUM PR 1365

Surrogate Lot # W-2416

Spike Lot # W-2415

Na2SO4 Manufacturer & Lot # Micro Tech 22200 Q

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102451

CHAIN OF CUSTODY RECORD

Date 11-18-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1691 Vaudegrift Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature) Raf Jones

Samples Intact Yes ✓ No ___
County Seals Intact Yes ✓ No ___
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ___ 24 Hr. ~~X~~ 4 Day TAT per DR 11-20-02 AK
Regular ___ 48 Hr. ___

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	SAMPLE TYPE AIR	SAMPLE TYPE SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX14	FT-31 See map	11-18-02	1644			X	2 jars 2 encores		See Attached
FT31EX15		11-18-02	1651			X			
FT31EX16		11-19-02	0945			X			
FT31EX17		11-19-02	1015			X			
FT31EX18		11-19-02	1050			X			
FT31EX19		11-19-02	1120			X			
FT31EX20		11-19-02	1135			X			
FT31EX21		11-19-02	1146			X			
FT31EX22		11-19-02	1204			X			
FT31EX23		11-19-02	1230			X			
FT31EX20D		11-19-02	1140			X			

Relinquished by: (Signature) 11-19-02 1600
Received by: (Signature)
Date/Time 11/20 1000

Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time

Special Instructions: fax results to (505) 679-2148
Shipper # 835776727050

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow • Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900
FAX 714/538-1209

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102451
REPORTED 11/25/2002
RECEIVED 11/20/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
393074	FT31EX14
393075	FT31EX15
393076	FT31EX16
393077	FT31EX17
393078	FT31EX18
393079	FT31EX19
393080	FT31EX20
393081	FT31EX21
393082	FT31EX22
393083	FT31EX23
393084	FT31EX20D
393085	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 393074
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX14

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/20/02	AF
C10 - C22	ND	1	30	mg/Kg	11/20/02	AF
C22 - C32	ND	1	50	mg/Kg	11/20/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	4.2 J	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393074
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX14

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	11/20/02	AM
Acrolein	ND	1	200	ug/Kg	11/20/02	AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02	AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Benzene	4.8 J	1	5	ug/Kg	11/20/02	AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02	AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02	AM
Bromoform	ND	1	5	ug/Kg	11/20/02	AM
Bromomethane	ND	1	5	ug/Kg	11/20/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02	AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
Chloroethane	ND	1	5	ug/Kg	11/20/02	AM
Chloroform	ND	1	5	ug/Kg	11/20/02	AM
Chloromethane	ND	1	5	ug/Kg	11/20/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02	AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02	AM
Ethyl benzene	5.8	1	5	ug/Kg	11/20/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02	AM
Iodomethane	ND	1	5	ug/Kg	11/20/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02	AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Naphthalene	ND	1	5	ug/Kg	11/20/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02	AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02	AM
Propionitrile	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393074 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX14
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Styrene	ND	1	5	ug/Kg	11/20/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02	AM
Toluene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02	AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02	AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02	AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	123			%	70 - 130	
Dibromofluoromethane (sur)	101			%	70 - 130	
p-Bromofluorobenzene (sur)	102			%	70 - 130	
Toluene-d8 (sur)	98			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02	DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393074 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX14
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393074
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX14

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	49			%	17 - 122
2-Fluorobiphenyl (sur)	48			%	30 - 115
2-Fluorophenol (sur)	38			%	25 - 121
Nitrobenzene-d5 (sur)	42			%	23 - 120
Phenol-d5 (sur)	41			%	24 - 113
Terphenyl-d14 (sur)	97			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	110			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX15
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8015 Carbon Chain I					
C06 - C10	ND	1	20	mg/Kg	11/20/02 AF
C10 - C22	ND	1	30	mg/Kg	11/20/02 AF
C22 - C32	ND	1	50	mg/Kg	11/20/02 AF
8260B Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2,4-Trimethylbenzene	6.1	1	5	ug/Kg	11/20/02 AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02 AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02 AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02 AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02 AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02 AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02 AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02 AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02 AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02 AM
Acetone	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX15

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	5.8	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	7.9	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX15
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Styrene	ND	1	5	ug/Kg	11/20/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02	AM
Toluene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02	AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02	AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02	AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Xylenes, total	6.1	1	5	ug/Kg	11/20/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130	
Dibromofluoromethane (sur)	112			%	70 - 130	
p-Bromofluorobenzene (sur)	105			%	70 - 130	
Toluene-d8 (sur)	104			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02	DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX15
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02 DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02 DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02 DP
Anthracene	ND	1	333	ug/Kg	11/22/02 DP
Benzidine	ND	1	333	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Chrysene	ND	1	333	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02 DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02 DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Fluorene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX15

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	52			%	17 - 122
2-Fluorobiphenyl (sur)	50			%	30 - 115
2-Fluorophenol (sur)	36			%	25 - 121
Nitrobenzene-d5 (sur)	43			%	23 - 120
Phenol-d5 (sur)	42			%	24 - 113
Terphenyl-d14 (sur)	99			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	110			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX16

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/20/02	AF
C10 - C22	ND	1	30	mg/Kg	11/20/02	AF
C22 - C32	ND	1	50	mg/Kg	11/20/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX16

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX16
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	123			%	70 - 130
Dibromofluoromethane (sur)	114			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX16

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

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Order #: 393076
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX16

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	53			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	30			%	25 - 121
Nitrobenzene-d5 (sur)	38			%	23 - 120
Phenol-d5 (sur)	38			%	24 - 113
Terphenyl-d14 (sur)	85			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	109			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX17
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/20/02	AF
C10 - C22	ND	1	30	mg/Kg	11/20/02	AF
C22 - C32	ND	1	50	mg/Kg	11/20/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX17
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	11/20/02	AM
Acrolein	ND	1	200	ug/Kg	11/20/02	AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02	AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Benzene	ND	1	5	ug/Kg	11/20/02	AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02	AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02	AM
Bromoform	ND	1	5	ug/Kg	11/20/02	AM
Bromomethane	ND	1	5	ug/Kg	11/20/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02	AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
Chloroethane	ND	1	5	ug/Kg	11/20/02	AM
Chloroform	ND	1	5	ug/Kg	11/20/02	AM
Chloromethane	ND	1	5	ug/Kg	11/20/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02	AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02	AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02	AM
Iodomethane	ND	1	5	ug/Kg	11/20/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02	AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Naphthalene	ND	1	5	ug/Kg	11/20/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02	AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02	AM
Propionitrile	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX17

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	121			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	11/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Isophorone	ND	1	333	ug/Kg	11/22/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02	DP
Naphthalene	ND	1	333	ug/Kg	11/22/02	DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02	DP
Phenol	ND	1	333	ug/Kg	11/22/02	DP
Pyrene	ND	1	333	ug/Kg	11/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	46			%	17 - 122	
2-Fluorobiphenyl (sur)	44			%	30 - 115	
2-Fluorophenol (sur)	47			%	25 - 121	
Nitrobenzene-d5 (sur)	35			%	23 - 120	
Phenol-d5 (sur)	38			%	24 - 113	
Terphenyl-d14 (sur)	92			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/20/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	110			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX18

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	42	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	14	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX18

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX18

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	21	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	109			%	70 - 130
Toluene-d8 (sur)	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX18

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	11/22/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	11/22/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	11/22/02	DP
Anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzidine	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Chrysene	ND	3	999.0	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	11/22/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Fluorene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX18

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Isophorone	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	11/22/02 DP
Naphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	11/22/02 DP
Phenol	ND	3	999.0	ug/Kg	11/22/02 DP
Pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	65			%	17 - 122
2-Fluorobiphenyl (sur)	60			%	30 - 115
2-Fluorophenol (sur)	39			%	25 - 121
Nitrobenzene-d5 (sur)	36			%	23 - 120
Phenol-d5 (sur)	50			%	24 - 113
Terphenyl-d14 (sur)	97			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	7.0	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	105			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	8.7	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	4.6 J	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX19
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	120	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	22	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX19

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	21	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	98			%	70 - 130
Dibromofluoromethane (sur)	110			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	11/22/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	11/22/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	11/22/02	DP
Anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzidine	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Chrysene	ND	3	999.0	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	11/22/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Fluorene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	11/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	11/22/02	DP
Isophorone	ND	3	999.0	ug/Kg	11/22/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	11/22/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	11/22/02	DP
Naphthalene	ND	3	999.0	ug/Kg	11/22/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	11/22/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	11/22/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	11/22/02	DP
Phenol	ND	3	999.0	ug/Kg	11/22/02	DP
Pyrene	ND	3	999.0	ug/Kg	11/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	64			%	17 - 122	
2-Fluorobiphenyl (sur)	52			%	30 - 115	
2-Fluorophenol (sur)	40			%	25 - 121	
Nitrobenzene-d5 (sur)	46			%	23 - 120	
Phenol-d5 (sur)	46			%	24 - 113	
Terphenyl-d14 (sur)	96			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	27	2	10.0	mg/Kg	11/20/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	99			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX20
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Styrene	ND	1	5	ug/Kg	11/20/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02	AM
Toluene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02	AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02	AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02	AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	116			%	70 - 130	
Dibromofluoromethane (sur)	107			%	70 - 130	
p-Bromofluorobenzene (sur)	110			%	70 - 130	
Toluene-d8 (sur)	102			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02	DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX20
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	11/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Isophorone	ND	1	333	ug/Kg	11/22/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02	DP
Naphthalene	ND	1	333	ug/Kg	11/22/02	DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02	DP
Phenol	ND	1	333	ug/Kg	11/22/02	DP
Pyrene	ND	1	333	ug/Kg	11/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	50			%	17 - 122	
2-Fluorobiphenyl (sur)	46			%	30 - 115	
2-Fluorophenol (sur)	27			%	25 - 121	
Nitrobenzene-d5 (sur)	35			%	23 - 120	
Phenol-d5 (sur)	38			%	24 - 113	
Terphenyl-d14 (sur)	76			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/20/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	104			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX21

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX21

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX21

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	116			%	70 - 130
Dibromofluoromethane (sur)	102			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	100			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX21

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Acenaphthene	ND	3	999.0	ug/Kg	11/22/02 DP
Acenaphthylene	ND	3	999.0	ug/Kg	11/22/02 DP
Anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzidine	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzoic Acid	ND	3	999.0	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Chrysene	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	11/22/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Fluorene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX21

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Isophorone	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	11/22/02 DP
Naphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	11/22/02 DP
Phenol	ND	3	999.0	ug/Kg	11/22/02 DP
Pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	84			%	17 - 122
2-Fluorobiphenyl (sur)	51			%	30 - 115
2-Fluorophenol (sur)	33			%	25 - 121
Nitrobenzene-d5 (sur)	43			%	23 - 120
Phenol-d5 (sur)	40			%	24 - 113
Terphenyl-d14 (sur)	89			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	104			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	300	1	20	mg/Kg	11/21/02	AF
C10 - C22	265	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	101			%	70 - 130
Toluene-d8 (sur)	106			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Acenaphthene	ND	3	999.0	ug/Kg	11/22/02 DP
Acenaphthylene	ND	3	999.0	ug/Kg	11/22/02 DP
Anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzidine	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzoic Acid	ND	3	999.0	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Chrysene	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	11/22/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Fluorene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	11/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	11/22/02	DP
Isophorone	ND	3	999.0	ug/Kg	11/22/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	11/22/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	11/22/02	DP
Naphthalene	ND	3	999.0	ug/Kg	11/22/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	11/22/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	11/22/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	11/22/02	DP
Phenol	ND	3	999.0	ug/Kg	11/22/02	DP
Pyrene	ND	3	999.0	ug/Kg	11/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	83			%	17 - 122	
2-Fluorobiphenyl (sur)	55			%	30 - 115	
2-Fluorophenol (sur)	51			%	25 - 121	
Nitrobenzene-d5 (sur)	51			%	23 - 120	
Phenol-d5 (sur)	46			%	24 - 113	
Terphenyl-d14 (sur)	90			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	14	1	5	mg/Kg	11/20/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	95			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX23

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	7.0	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX23

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	11	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	31	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX23
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	14	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX23

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX23

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	11/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Isophorone	ND	1	333	ug/Kg	11/22/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02	DP
Naphthalene	ND	1	333	ug/Kg	11/22/02	DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02	DP
Phenol	ND	1	333	ug/Kg	11/22/02	DP
Pyrene	ND	1	333	ug/Kg	11/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	56			%	17 - 122	
2-Fluorobiphenyl (sur)	51			%	30 - 115	
2-Fluorophenol (sur)	37			%	25 - 121	
Nitrobenzene-d5 (sur)	43			%	23 - 120	
Phenol-d5 (sur)	44			%	24 - 113	
Terphenyl-d14 (sur)	100			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/20/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	104			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst
8015 Carbon Chain I					
C06 - C10	ND	1	20	mg/Kg	11/21/02 AF
C10 - C22	ND	1	30	mg/Kg	11/21/02 AF
C22 - C32	ND	1	50	mg/Kg	11/21/02 AF
8260B Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02 AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02 AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02 AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02 AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02 AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02 AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02 AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02 AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02 AM
Acetone	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	11/20/02	AM
Acrolein	ND	1	200	ug/Kg	11/20/02	AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02	AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Benzene	ND	1	5	ug/Kg	11/20/02	AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02	AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02	AM
Bromoform	ND	1	5	ug/Kg	11/20/02	AM
Bromomethane	ND	1	5	ug/Kg	11/20/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02	AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
Chloroethane	ND	1	5	ug/Kg	11/20/02	AM
Chloroform	ND	1	5	ug/Kg	11/20/02	AM
Chloromethane	ND	1	5	ug/Kg	11/20/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02	AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02	AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02	AM
Iodomethane	ND	1	5	ug/Kg	11/20/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02	AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Naphthalene	ND	1	5	ug/Kg	11/20/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02	AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02	AM
Propionitrile	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Styrene	ND	1	5	ug/Kg	11/20/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02	AM
Toluene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02	AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02	AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02	AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02	AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130	
Dibromofluoromethane (sur)	109			%	70 - 130	
p-Bromofluorobenzene (sur)	111			%	70 - 130	
Toluene-d8 (sur)	99			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02	DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX20D
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	11/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Isophorone	ND	1	333	ug/Kg	11/22/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02	DP
Naphthalene	ND	1	333	ug/Kg	11/22/02	DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02	DP
Phenol	ND	1	333	ug/Kg	11/22/02	DP
Pyrene	ND	1	333	ug/Kg	11/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	52			%	17 - 122	
2-Fluorobiphenyl (sur)	47			%	30 - 115	
2-Fluorophenol (sur)	42			%	25 - 121	
Nitrobenzene-d5 (sur)	44			%	23 - 120	
Phenol-d5 (sur)	43			%	24 - 113	
Terphenyl-d14 (sur)	96			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/20/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	106			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393085 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/20/02	AF
C10 - C22	ND	1	30	mg/Kg	11/20/02	AF
C22 - C32	ND	1	50	mg/Kg	11/20/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393085
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393085 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	117			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393085 **Client:** Foster Wheeler Environmental Corp.

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393085 **Client:** Foster Wheeler Environmental Corp.

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	11/22/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Isophorone	ND	1	333	ug/Kg	11/22/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02	DP
Naphthalene	ND	1	333	ug/Kg	11/22/02	DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02	DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02	DP
Phenol	ND	1	333	ug/Kg	11/22/02	DP
Pyrene	ND	1	333	ug/Kg	11/22/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	62			%	17 - 122	
2-Fluorobiphenyl (sur)	55			%	30 - 115	
2-Fluorophenol (sur)	40			%	25 - 121	
Nitrobenzene-d5 (sur)	42			%	23 - 120	
Phenol-d5 (sur)	51			%	24 - 113	
Terphenyl-d14 (sur)	91			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/20/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	101			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: 102451-077

Matrix: SOLID

Prep. Date: 11/20/02

Analysis Date: 11/20/02-11/21/02

ID#'s in Batch: LR 102451

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = ug/Kg

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
TPH	8015M-G	ND	5	5.46	5.46	109	109	0

ND = Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

	PREP BLK					
	Value	Result	True	%Rec	L.Limit	H.Limit
LCS	ND	4.65	5	93	80%	120%
LCSD	ND	5.63	5	113	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-156
QA Sample	110
MS	135
MSD	137
Method Blank	101
LCS	127
LCSD	145

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
LCS REPORT FORM

QC Sample: LCS

Matrix: SOLID

Prep. Date: 11/20/02

Analysis Date 11/20/02

ID#'s in Batch: LR 102451

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = ug/Kg

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
DIESEL	8015D	ND	500	439	430	88	86	2

ND = Not Detected
LCS Result = Lab Control Sample Result
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate
RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-156
Method Blank	65
LCS	90
LCSD	135

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 11/21/02 3:59 PM

Applies to: LR 102451

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	63.87	60.04	128	120	6	22	59-172
MTBE	ND	50	46.43	47.00	93	94	1	24	62-137
Benzene	ND	50	48.41	50.82	97	102	5	24	62-137
Trichloroethene	ND	50	51.75	53.50	104	107	3	21	66-142
Toluene	ND	50	53.42	53.87	107	108	1	21	59-139
Chlorobenzene	ND	50	48.92	49.61	98	99	1	21	60-133

QC Sample: LCS # 1 3:26 PM
Analysis Date: 11/20/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	55.64	111	59-172
MTBE	ND	50	47.58	95	62-137
Benzene	ND	50	48.18	96	62-137
Trichloroethene	ND	50	53.36	107	66-142
Toluene	ND	50	50.77	102	59-139
Chlorobenzene	ND	50	47.26	95	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB 1	LCS	LCSD
1,2-Dichloroethane-d4	105	115	99	103
Dibromofluoromethane	116	108	106	113
Toluene-d8	102	103	103	102
p-Bromofluorobenzene	106	117	104	104

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270 / 625

QC Sample: 102451-077

Matrix: SOLID

Date Analyzed : 11/22/02

Date Extracted : 11/20/02

Applies to: LR 102451

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.1	50	21	20	42	40	5	35	26-125
2-Chorophenol	ND	50	22	19	44	38	15	50	25-125
1,4-Dichlorobenzene	ND	50	22	23	44	46	4	27	28-104
n-Nitroso-di-propylamine	0.1	50	24	26	48	52	8	38	41-126
1,2,4-Trichlorobenzene	ND	50	24	23	48	46	4	23	38-107
4-Chloro-3-methylphenol	0.1	50	23	23	46	46	0	33	26-103
Acenaphthene	ND	50	25	22	50	44	13	19	31-137
4-Nitrophenol	0.1	50	45	28	90	56	47	50	11-114
2,4-Dinitrotoluene	ND	50	40	33	80	66	19	47	28-89
Pentachlorophenol	0.2	50	43	39	86	78	10	47	17-109
Pyrene	ND	50	44	44	88	88	0	36	35-142

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	22	44	26-125
2-Chlorophenol	50	26	52	25-125
1,4-Dichlorobenzene	50	28	56	28-104
n-Nitroso-di-n-propylamine	50	28	56	41-126
1,2,4-Trichlorobenzene	50	30	60	38-107
4-Chloro-3-methylphenol	50	29	58	26-103
Acenaphthene	50	30	60	31-137
4-Nitophenol	50	36	72	11-114
2,4-Dinitrotoluene	50	38	76	28-89
Pentachlorophenol	50	45	90	17-109
Pyrene	50	45	90	35-142

Method Blank = All ND

Cooler Receipt Form

Client: Foster Wheeler Project: FT31

Date Cooler Received: 11/20 Date Cooler Opened: 11/20

Was cooler scanned for presence of radioactivity? (Yes) / No

a: Was radioactivity results above 25cpm? Yes / (No)

If cooler had custody seal(s), were they signed and intact? NA / (Yes) / No

Was a shipper's packing slip attached to the cooler? (Yes) / No

Cooler was packed with: Ice ✓ Ice Packs____ Bubble Wrap____ Styrofoam____
Paper____ None____ Other_____

Temperature of cooler: 0.8 °C

*Cooler needs to be received @ 4°C with an acceptable range of 2°-6°C

Were all samples sealed in plastic bags? (Yes) / No

Did all samples arrive intact? If no, see below (Yes) / No

Were all samples labeled correctly? (ID, Dates, Times) If no, see below Yes / (No)

Can the tests required be run with provided containers? If no, see below (Yes) / No

Was sufficient volume of sample sent in all containers? (Yes) / No

Were any VOA vials received with headspace? (NA) / Yes / No

Were correct preservatives used? (NA) / Yes / No
*If no, see pH Log for a list of samples and container pH.

Any other important information: _____

_____

_____

Signed: _____ Date: 11/20/02

Attachment B

EXCAVATION samples

Analytical Method	Parameter
SW-846 Method 5035/8260B	VOCs
SW-846 Method 8270C	SVOCs
EPA Modified Method 8015	TPH (DRO, GRO, ORO)

ASSOCIATED LABORATORIES

NARRATIVE

Date: November 29, 2002

Narrative for Lab Request LR: 102451

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015M – Total Petroleum Hydrocarbons.
- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
Initial calibration criteria were met for all analytes. Initial and Continuing Calibration Check samples were run at the required frequency. All results were within required limits.

Quality Control Samples
All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Associated Laboratories
806 N. Batavia
Orange, CA 92868

Phone: 714-771-6900
Fax: 714-538-1209

LAB REQUEST: 102451

CLIENT: Foster Wheeler Environmental Corp.

TABLE OF CONTENTS

EPA 8015 - Carbon Chain I ..... 1 - 63

EPA 8015M - Total Petroleum Hydrocarbons ..... 64 - 150

EPA 8260 - Volatile Organic Compounds ..... 151 - 205

EPA 8270 - Acid & Base/Neutral Extractables ..... 206 - 255

EPA 8015:

Carbon Chain I

****

Varian Star Workstation - 8200 SampleList Thu Nov 21 08:15:43 2002

SampleList: C:\Star\INSTRUMENT 2 - GC 9\DATA - GC 9\nov02\1120.smp

Created: Wed Nov 20 11:30:37 2002
Modified: Thu Nov 21 07:26:47 2002

****

Line	Sample Name	Rack	Vial	Injection Volume	Multiplier	Divisor
1	mecl	1	1	3.0	1	1
2	dccv-gw144	1	2	3.0	1	1
3	goccv-gw145	1	3	3.0	1	1
4	mb1120-10-10	1	4	3.0	1	1
5	lcs1120-10-10	1	5	3.0	1	1
6	lcsd1120-10-10	1	6	3.0	1	1
7	102451-074-10-10	1	7	3.0	1	1
8	102451-075-10-10	1	8	3.0	1	1
9	102451-076-10-10	1	9	3.0	1	1
10	102451-077-10-10	1	10	3.0	1	1
11	102451-078-10-10	1	11	3.0	1	1
12	102451-079-10-10	1	12	3.0	1	1
13	102451-080-10-10	2	1	3.0	1	1
14	dccv-gw144	1	1	3.0	1	1
15	goccv-gw145	1	2	3.0	1	1
16	102451-081-10-10	2	2	3.0	1	1
17	102451-082-10-10	2	3	3.0	1	1
18	102451-083-10-10	2	4	3.0	1	1
19	102451-084-10-10	2	5	3.0	1	1

Directory for Data Files: c:\star\instrument 2 - gc 9\data - gc 9\nov02

Data File Names: g9-%d-%i

Create and update a new RecalcList: c:\star\instrument 2 - gc 9\data - gc 9\nov02\1120.rcl.

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1007.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : dccv-gw144

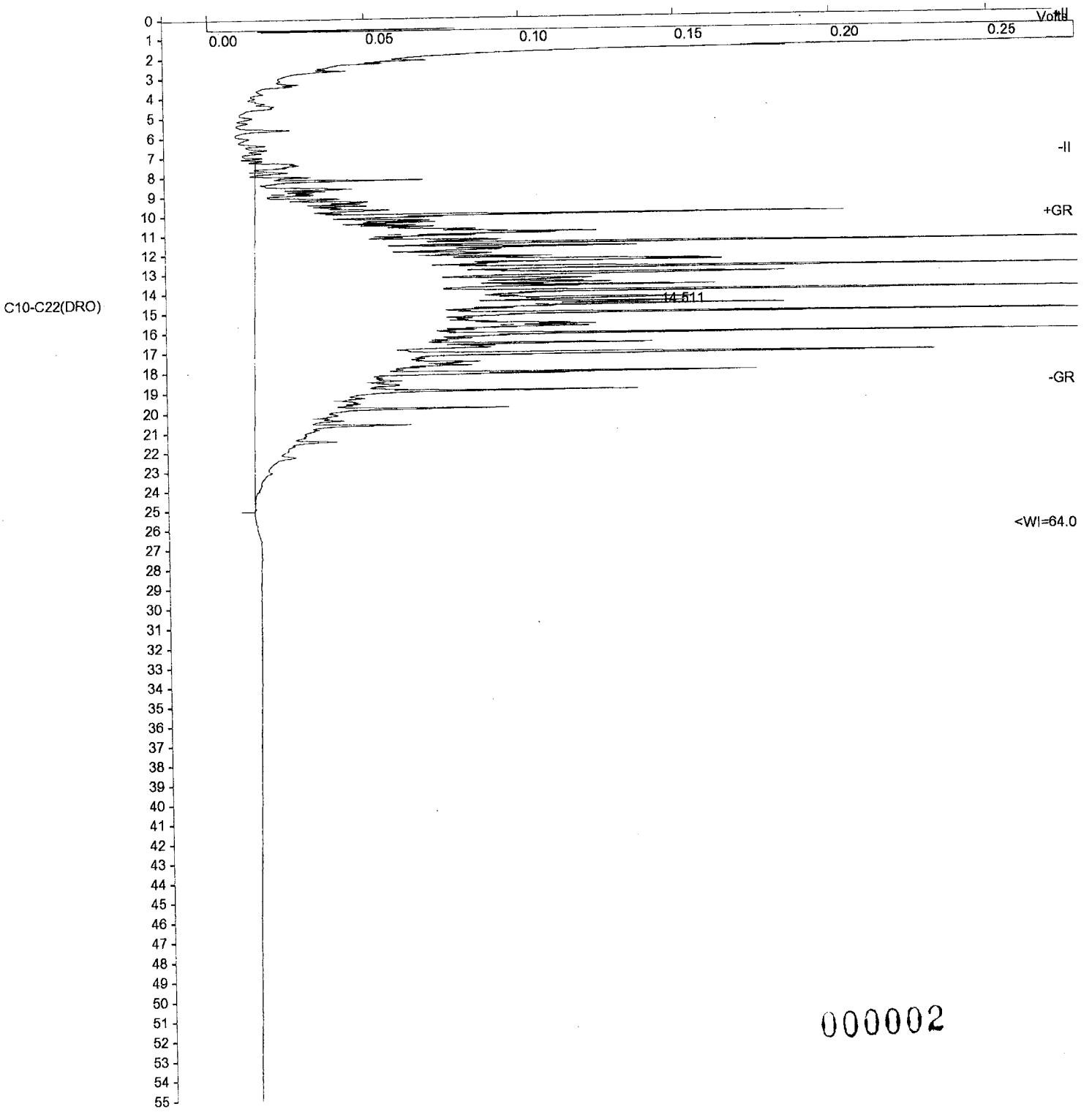
Injection Date: 11/20/02 2:15 PM Calculation Date: 11/20/02 3:20 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000002

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1007.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/20/02 2:15 PM Calculation Date: 11/20/02 3:20 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	475.3705	4.9	14.511	0.000	40512848	2	
	Group 2		475.3705			0.000	40512848		
	Totals:		475.3705			0.000	40512848		

Total Unidentified Counts : 10626565 counts

Detected Peaks: 17 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -47 microVolts

Noise (used): 200 microVolts - monitored before this run

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

000003

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

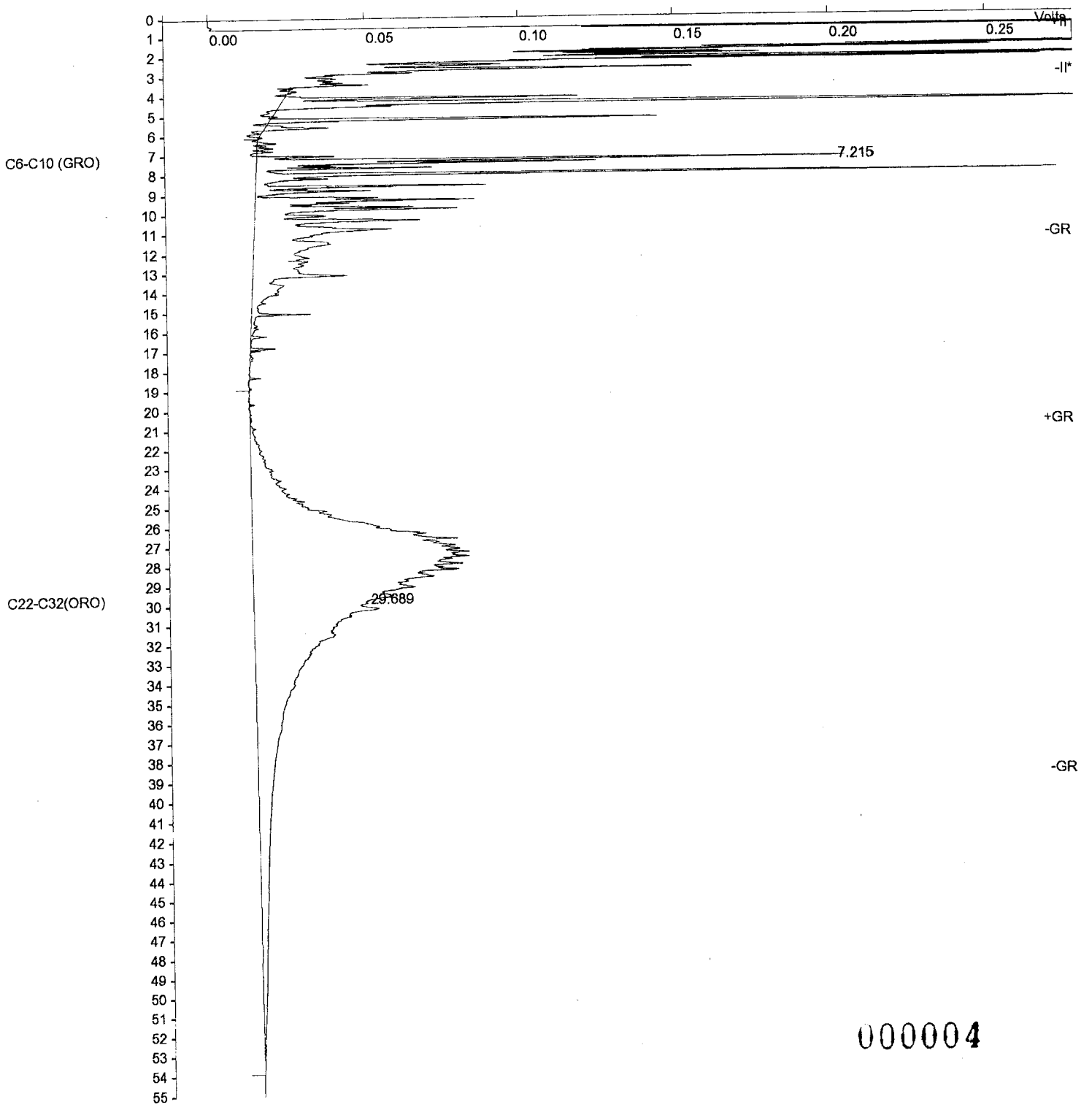
Injection Date: 11/20/02 3:25 PM Calculation Date: 11/21/02 7:40 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000004

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/20/02 3:25 PM Calculation Date: 11/21/02 7:40 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	549.3297	7.215	0.001	12050976	GR	0.0	1	
2	C22-C32(ORO)	471.4288	29.689	0.000	25449156	GR	0.0	3	
	Group 1	549.3297		0.001	12050976				
	Group 3	471.4288		0.000	25449156				
	Totals:	1020.7585		0.001	37500132				

Total Unidentified Counts : 1604568 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -45 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 163 microVolts

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : mb1120-10-10

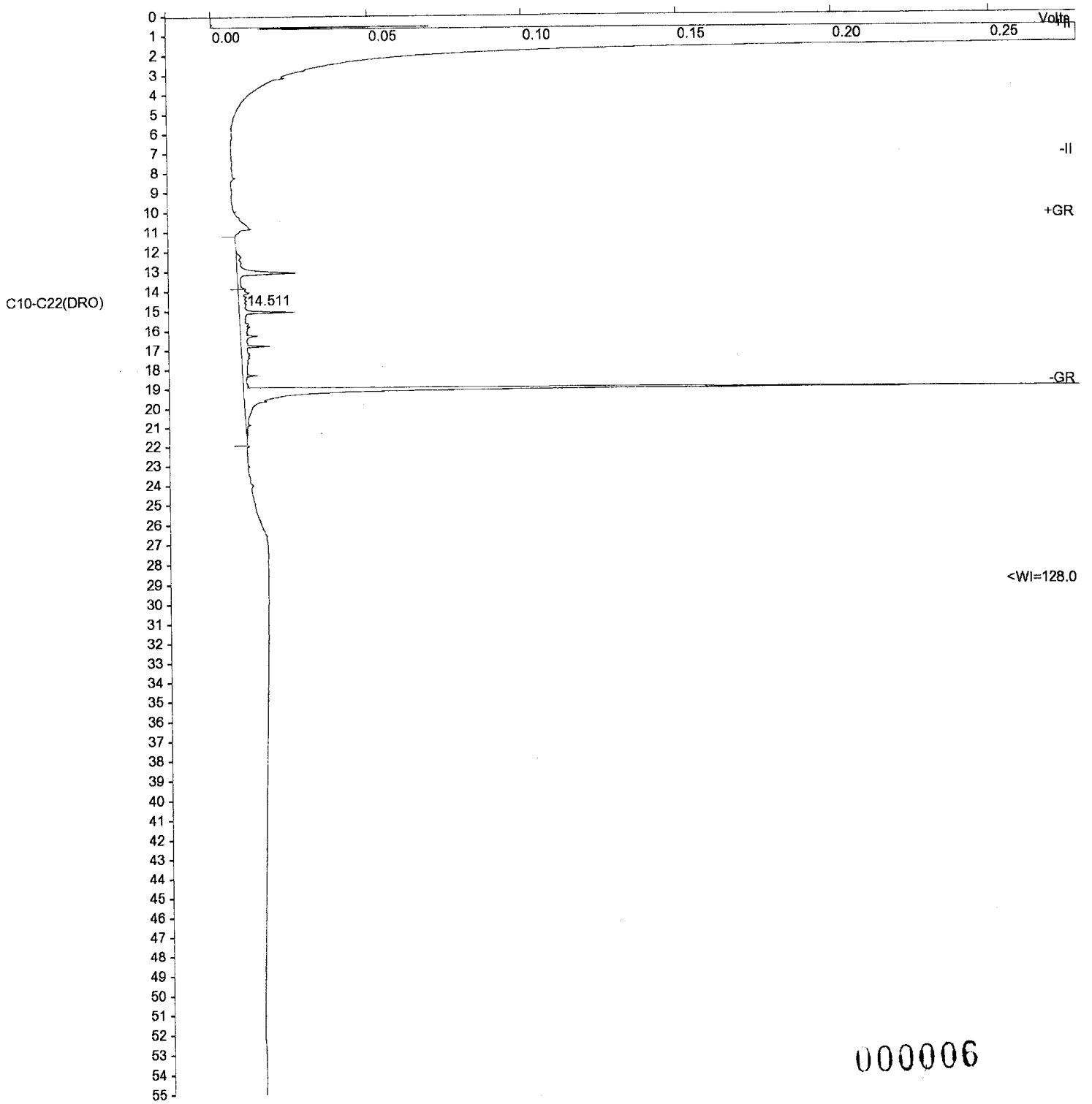
Injection Date: 11/20/02 4:35 PM Calculation Date: 11/21/02 8:11 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : mb1120-10-10

Injection Date: 11/20/02 4:35 PM Calculation Date: 11/21/02 8:11 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	no result	14.511	0.000	283921	GR	0.0	2	C*
	Group 2	-1.8585		0.000	283921				
	Totals:	0.0000		0.000	283921				

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 2920148 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 136 microVolts

Noise (used): 114 microVolts - monitored before this run

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : mb1120-10-10

Injection Date: 11/20/02 4:35 PM Calculation Date: 11/21/02 7:43 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	12.8568	18.926	0.090	1988295	PB	4.8	0	
	Group 0	12.8568		0.090	1988295				
	Totals:	12.8568		0.090	1988295				

Total Unidentified Counts : 54687504 counts

Detected Peaks: 515 Rejected Peaks: 478 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 136 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 114 microVolts

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1120-10-10

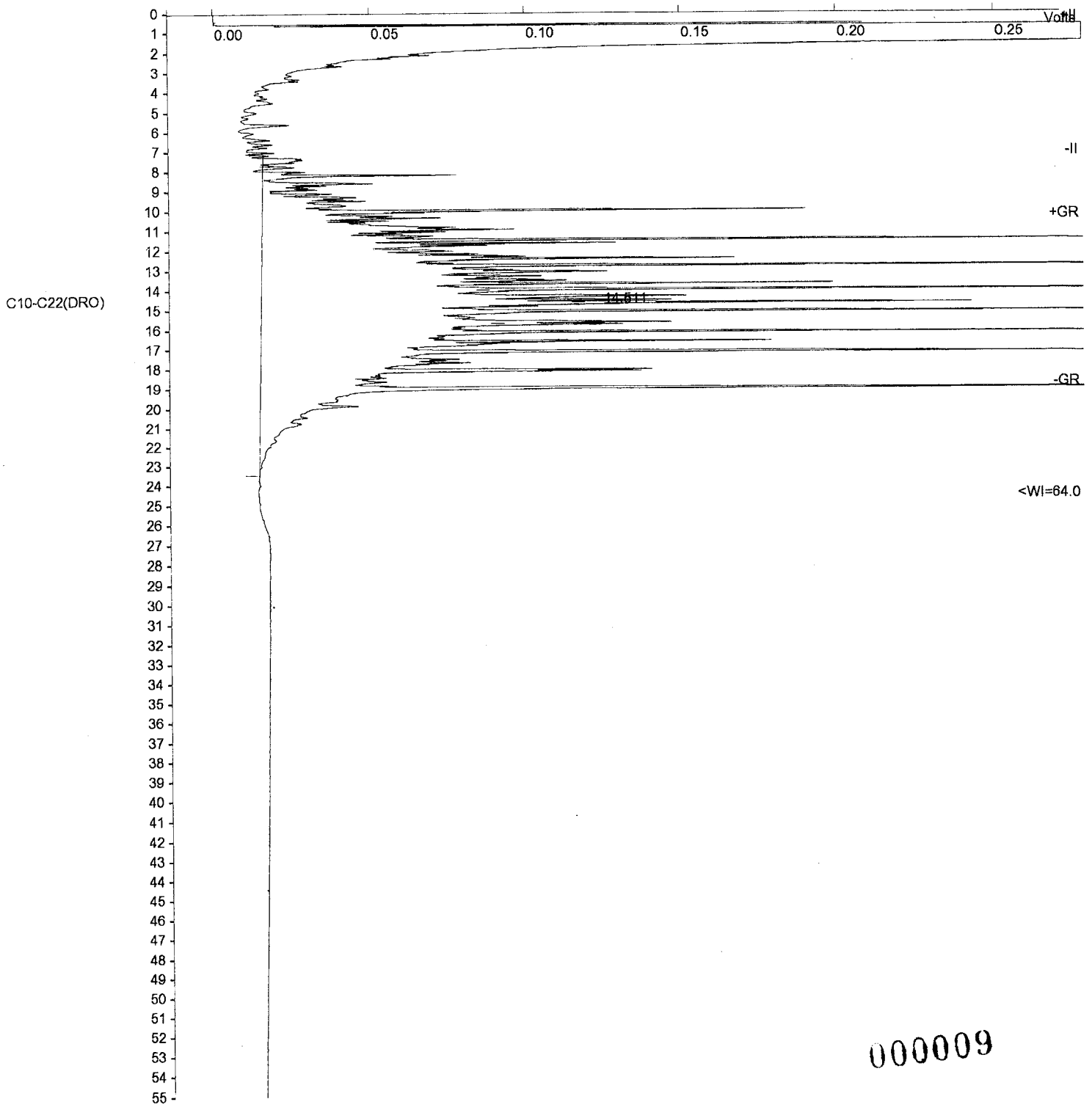
Injection Date: 11/20/02 5:44 PM Calculation Date: 11/20/02 6:40 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000009

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1120-10-10

Injection Date: 11/20/02 5:44 PM Calculation Date: 11/20/02 6:40 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	438.8174	14.511	0.000	37431536	GR	0.0	2	
	Group 2	438.8174		0.000	37431536				
	Totals:	438.8174		0.000	37431536				

Total Unidentified Counts : 9436205 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 228 microVolts

Noise (used): 192 microVolts - monitored before this run

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1010.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcs1120-10-10

Injection Date: 11/20/02 5:44 PM Calculation Date: 11/21/02 7:44 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	27.5751	18.892	0.056	4103004	VB	3.3	0	C
	Group 0	27.5751		0.056	4103004				
	Totals:	27.5751		0.056	4103004				

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 86857976 counts

Detected Peaks: 469 Rejected Peaks: 416 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 228 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 192 microVolts

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1120-10-10

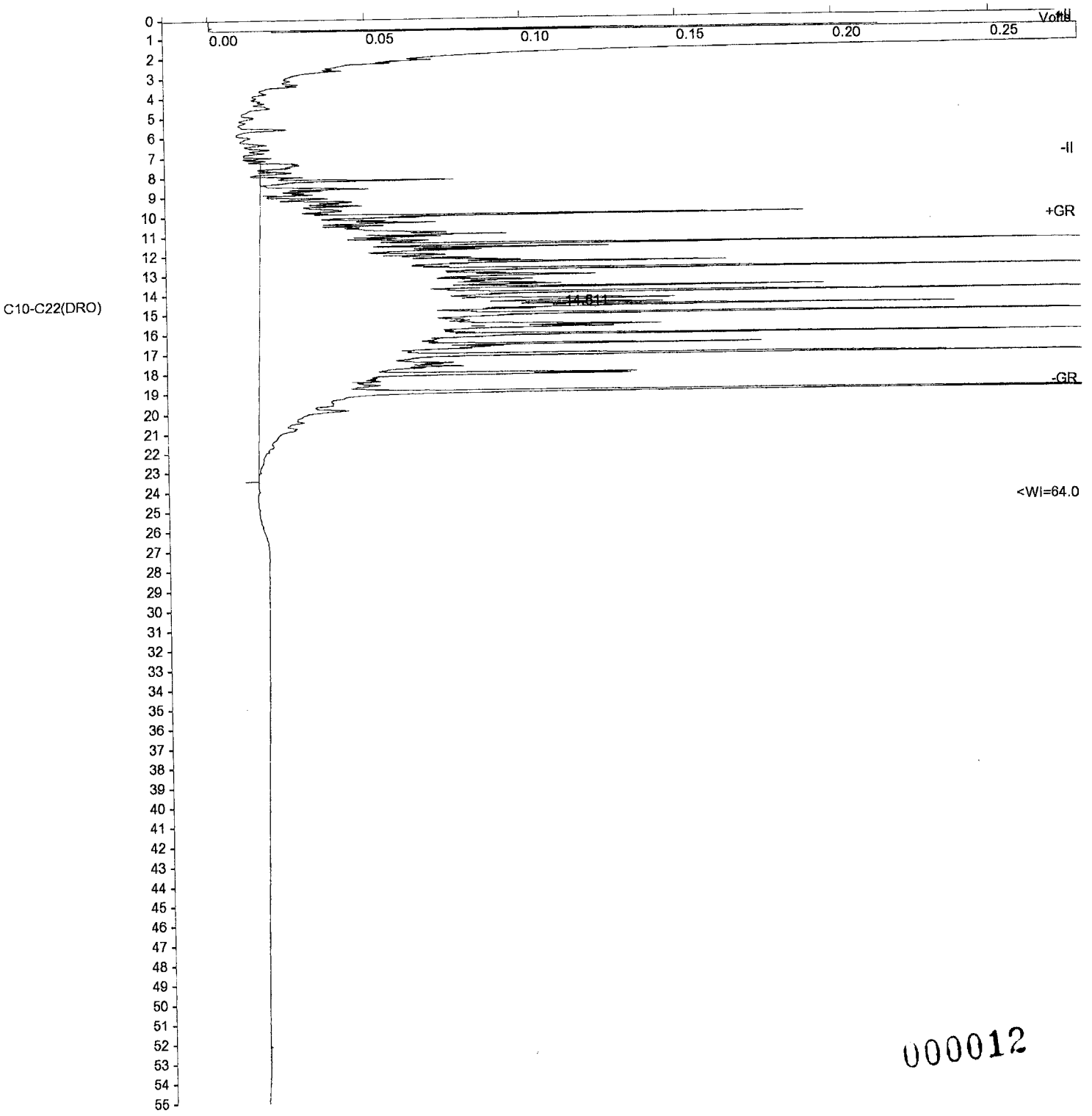
Injection Date: 11/20/02 6:53 PM Calculation Date: 11/20/02 7:49 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000012

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1120-10-10

Injection Date: 11/20/02 6:53 PM Calculation Date: 11/20/02 7:49 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	429.7036	14.511	0.000	36663276	GR	0.0	2	
	Group 2	429.7036		0.000	36663276				
	Totals:	429.7036		0.000	36663276				

Total Unidentified Counts : 9251174 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 238 microVolts

Noise (used): 160 microVolts - monitored before this run

Rack: 1 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1011.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcsd1120-10-10

Injection Date: 11/20/02 6:53 PM Calculation Date: 11/21/02 7:43 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.2720	18.877	0.041	2766341	VB	3.2	0	
	Group 0	18.2720		0.041	2766341				
	Totals:	18.2720		0.041	2766341				

Total Unidentified Counts : 85583096 counts

Detected Peaks: 553 Rejected Peaks: 456 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 238 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 160 microVolts

Rack: 1 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-074-10-10

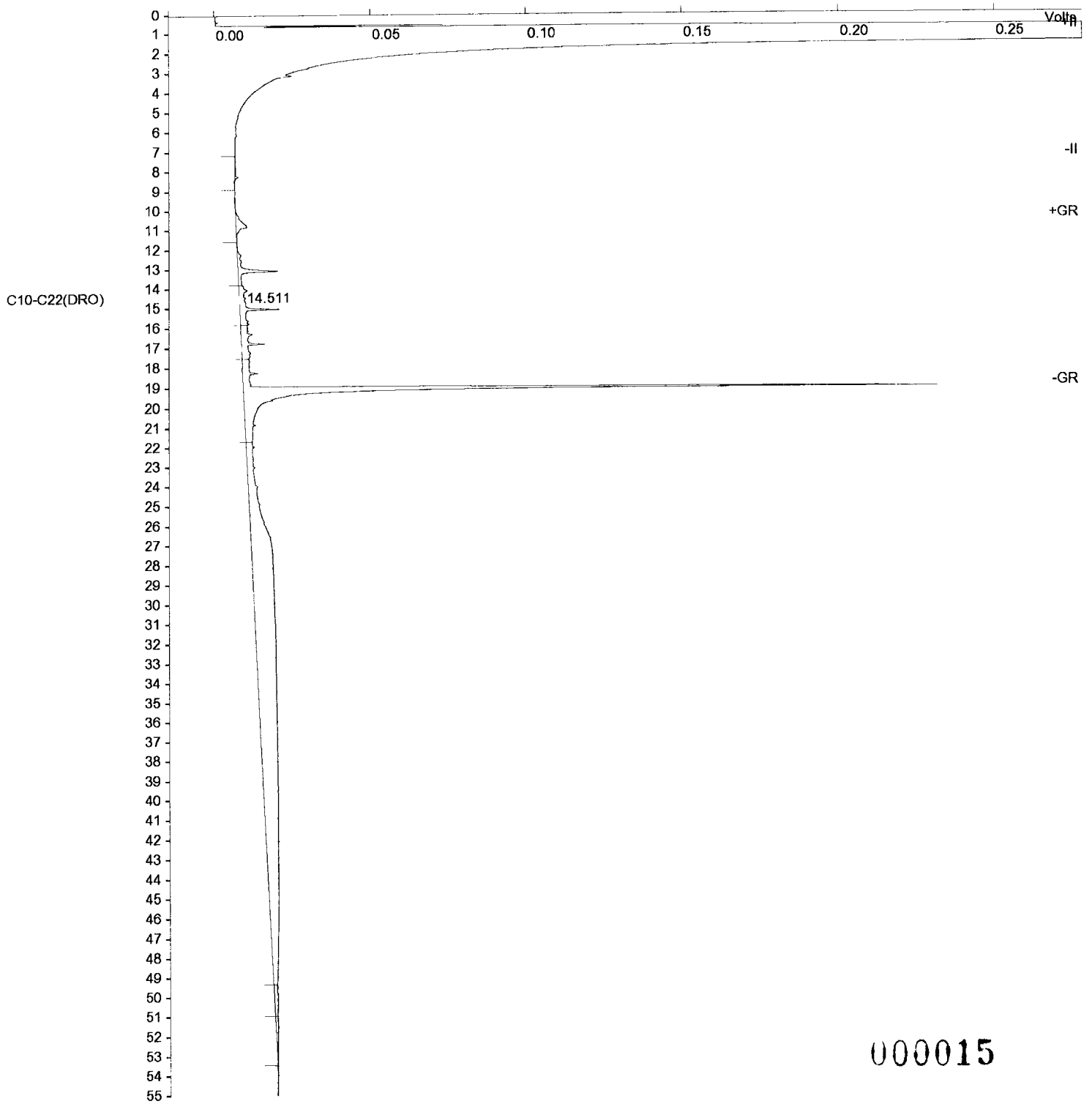
Injection Date: 11/20/02 8:02 PM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-074-10-10

Injection Date: 11/20/02 8:02 PM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	4.0934	14.511	0.000	785649	GR	0.0	2	
	Group 2	4.0934		0.000	785649				
	Totals:	4.0934		0.000	785649				

Total Unidentified Counts : 9873996 counts

Detected Peaks: 9 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 304 microVolts

Noise (used): 138 microVolts - monitored before this run

Rack: 1 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-074-10-10

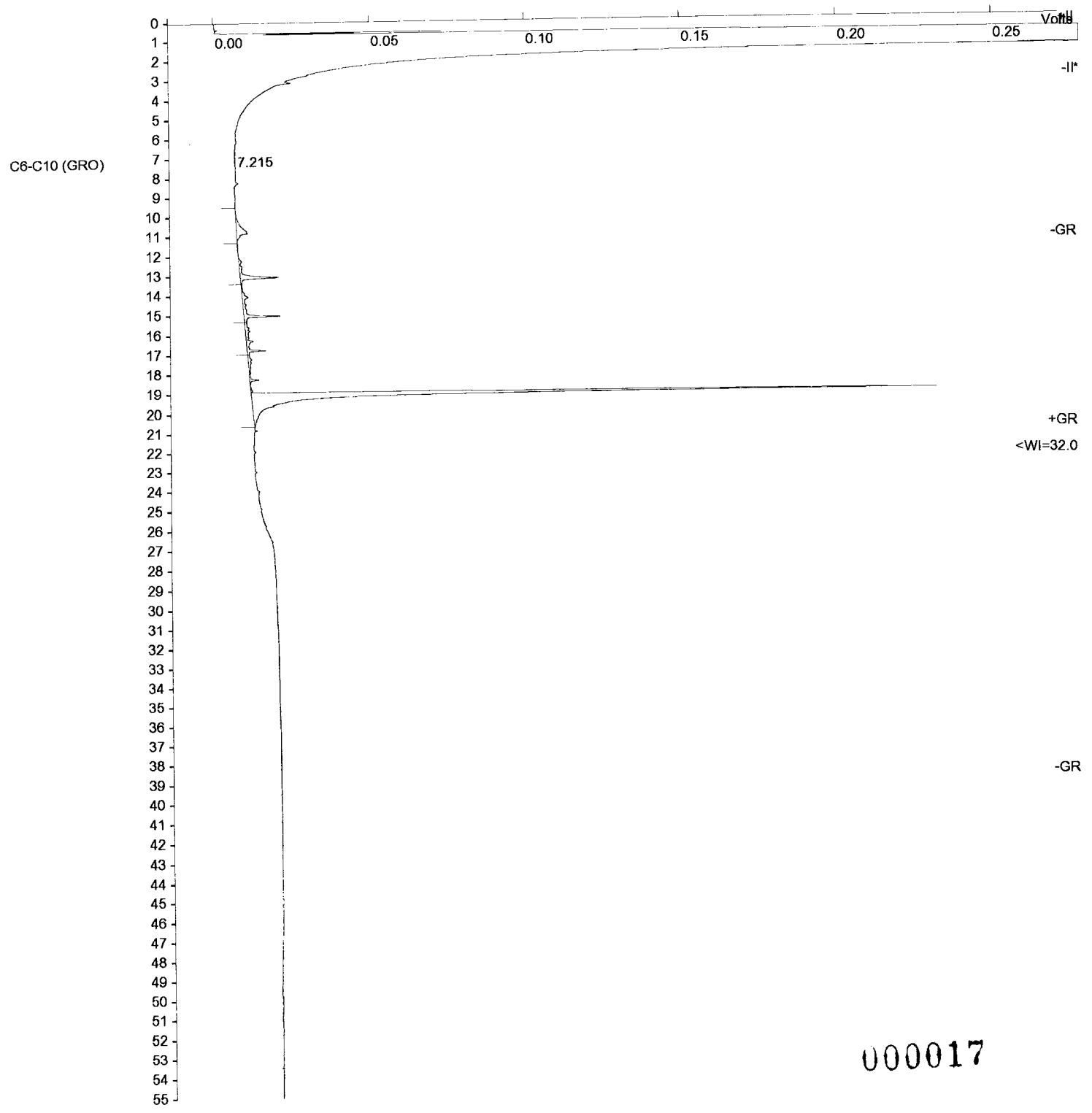
Injection Date: 11/20/02 8:02 PM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000017

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-074-10-10

Injection Date: 11/20/02 8:02 PM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	4.6068	7.215	0.001	101063	GR	0.0	1	
	Group 1	4.6068		0.001	101063				
	Totals:	4.6068		0.001	101063				

Total Unidentified Counts : 2354838 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 304 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 138 microVolts

Rack: 1 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-075-10-10

Injection Date: 11/20/02 9:09 PM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	5.4593	14.511	0.000	900792	GR	0.0	2	
	Group 2	5.4593		0.000	900792				
	Totals:	5.4593		0.000	900792				

Total Unidentified Counts : 9967327 counts

Detected Peaks: 7 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 120 microVolts

Noise (used): 212 microVolts - monitored before this run

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-075-10-10

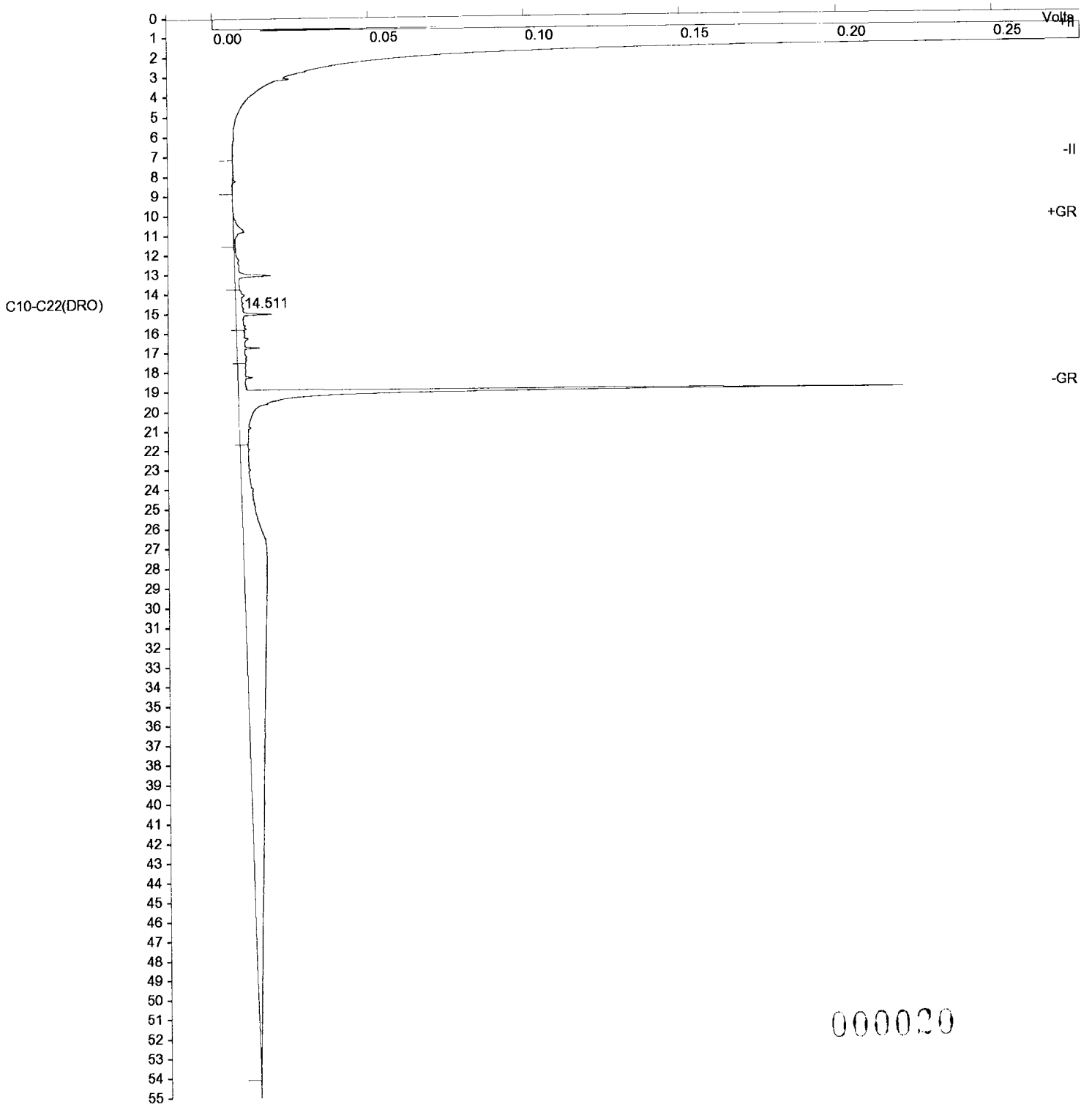
Injection Date: 11/20/02 9:09 PM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000020

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-075-10-10

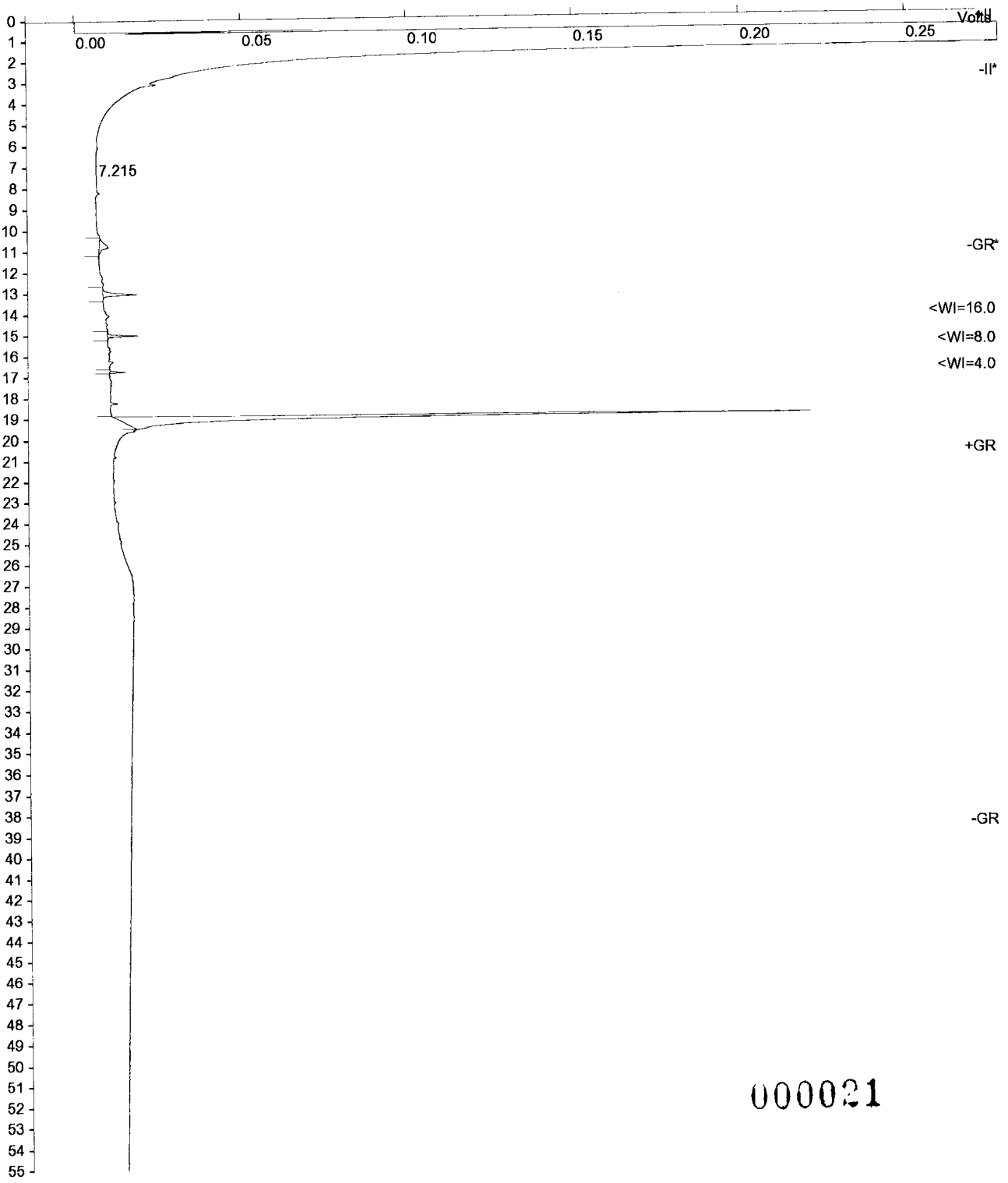
Injection Date: 11/20/02 9:09 PM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000021

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-075-10-10

Injection Date: 11/20/02 9:09 PM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	2.5016	7.215	0.001	54879	GR	0.0	1	
	Group 1	2.5016		0.001	54879				
	Totals:	2.5016		0.001	54879				

Total Unidentified Counts : 1741296 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 120 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 212 microVolts

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-076-10-10

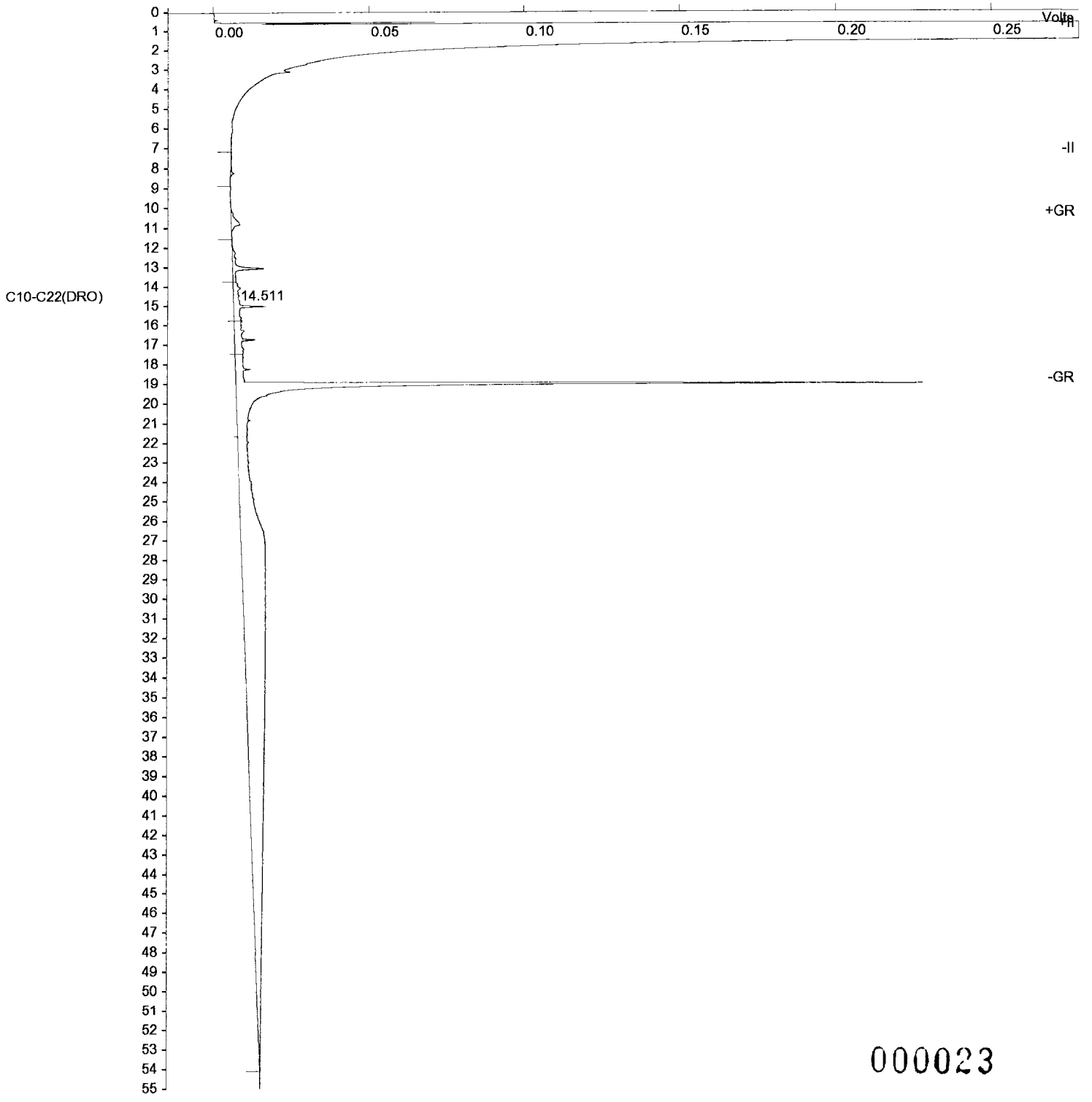
Injection Date: 11/20/02 10:17 PM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-076-10-10

Injection Date: 11/20/02 10:17 PM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	3.1655	14.511	0.000	707431	GR	0.0	2	
	Group 2	3.1655		0.000	707431				
	Totals:	3.1655		0.000	707431				

Total Unidentified Counts : 10575763 counts

Detected Peaks: 7 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 102 microVolts

Noise (used): 151 microVolts - monitored before this run

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-076-10-10

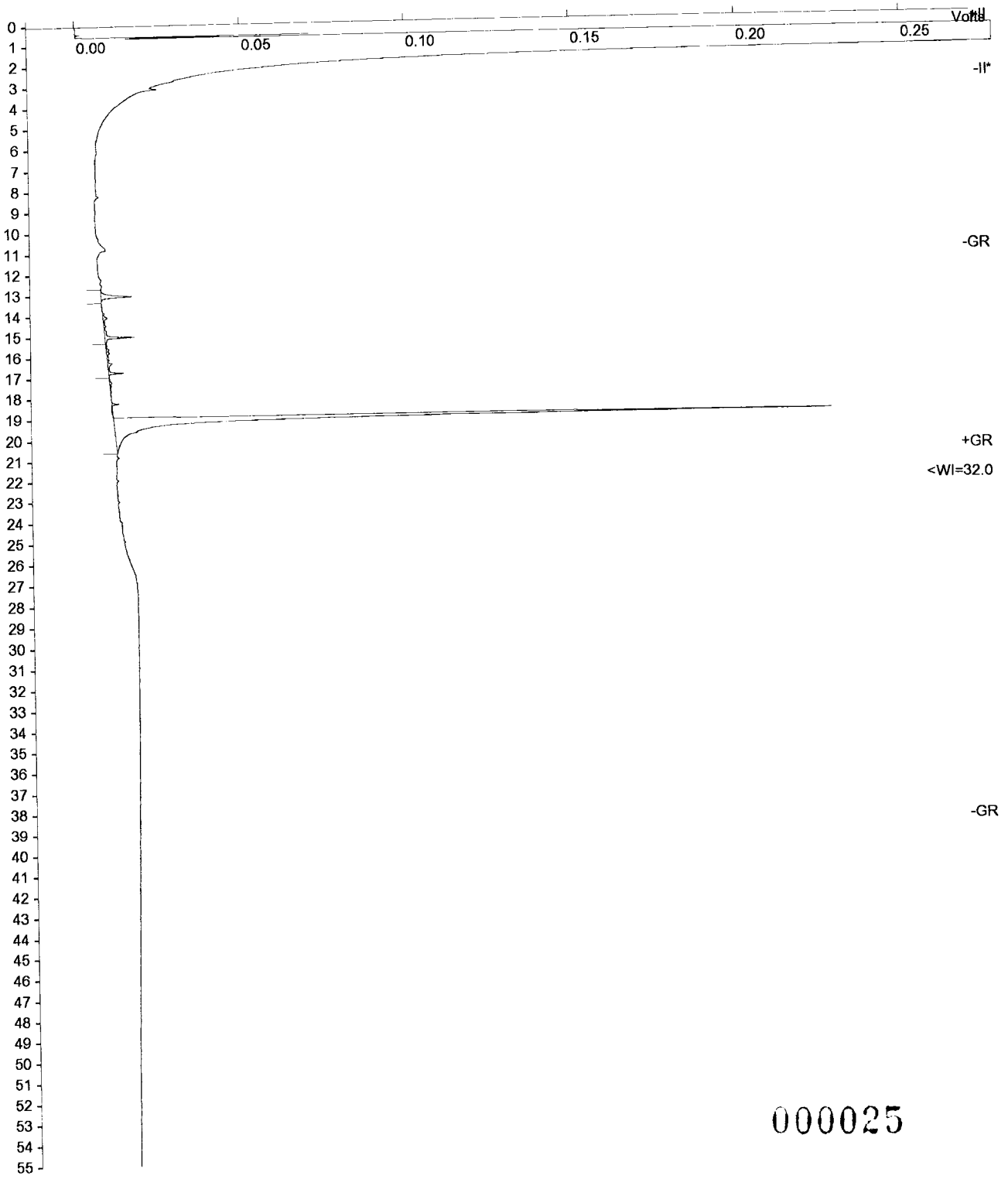
Injection Date: 11/20/02 10:17 PM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-076-10-10

Injection Date: 11/20/02 10:17 PM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2156599 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 102 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 151 microVolts

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-077-10-10

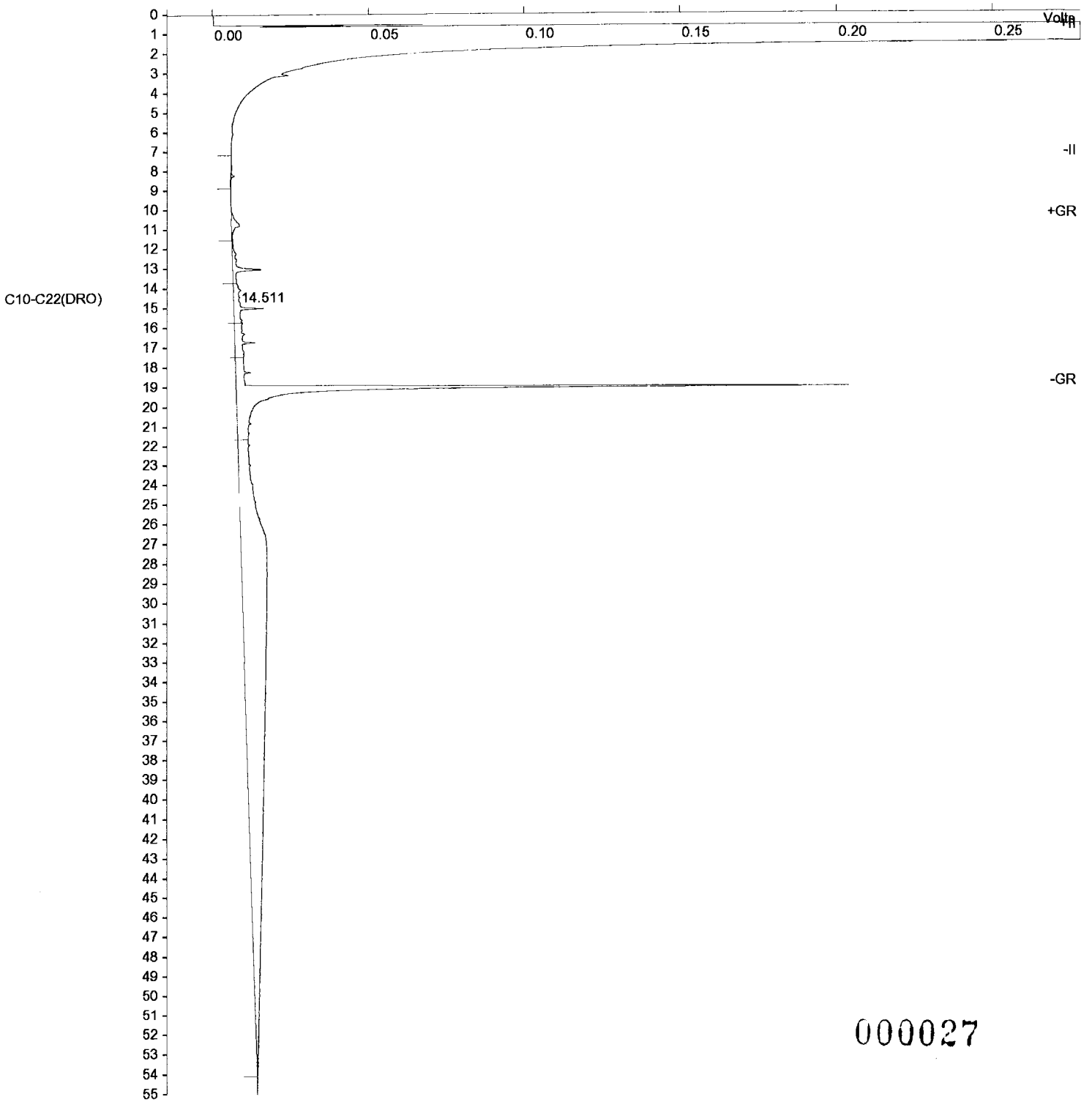
Injection Date: 11/20/02 11:24 PM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-077-10-10

Injection Date: 11/20/02 11:24 PM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	3.3908	14.511	0.000	726417	GR	0.0	2	
	Group 2	3.3908		0.000	726417				
	Totals:	3.3908		0.000	726417				

Total Unidentified Counts : 11361913 counts

Detected Peaks: 7 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 192 microVolts

Noise (used): 177 microVolts - monitored before this run

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-077-10-10

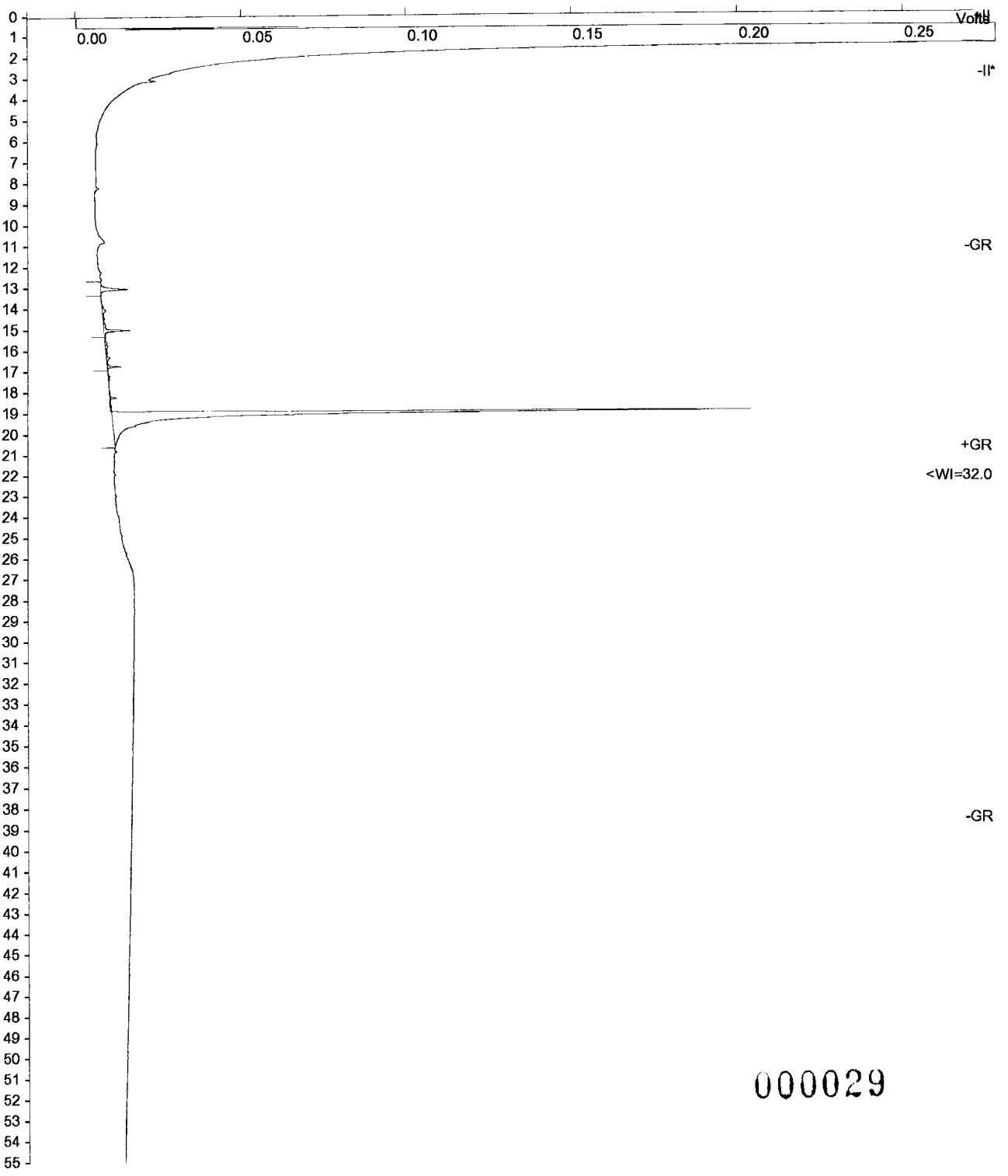
Injection Date: 11/20/02 11:24 PM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000029

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-20-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-077-10-10

Injection Date: 11/20/02 11:24 PM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2025046 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 192 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 177 microVolts

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-078-10-10

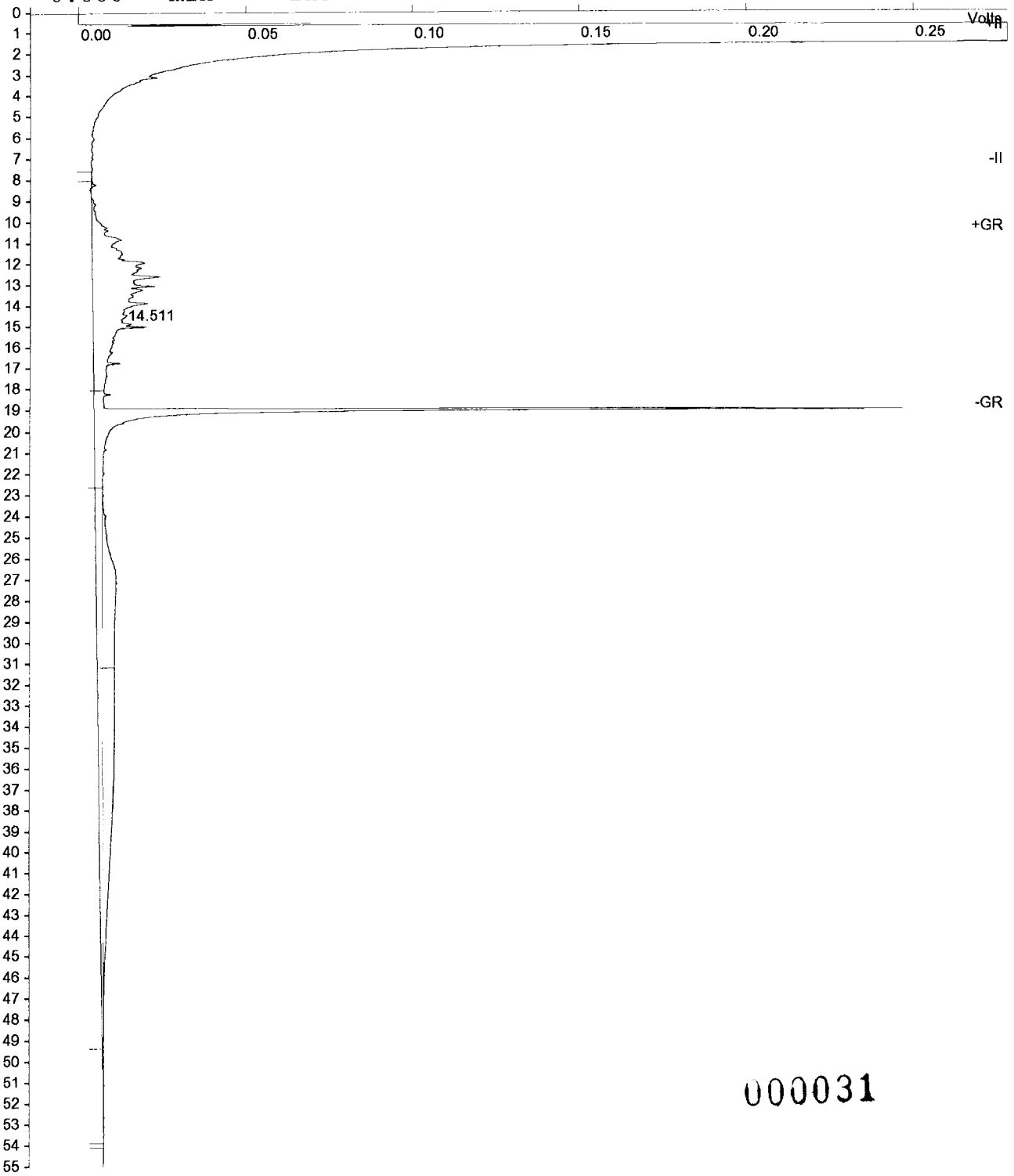
Injection Date: 11/21/02 12:32 AM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000031

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-078-10-10

Injection Date: 11/21/02 12:32 AM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	41.9223	14.511	0.000	3974503	GR	0.0	2	
	Group 2	41.9223		0.000	3974503				
	Totals:	41.9223		0.000	3974503				

Total Unidentified Counts : 8312440 counts

Detected Peaks: 6 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -123 microVolts

Noise (used): 240 microVolts - monitored before this run

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-078-10-10

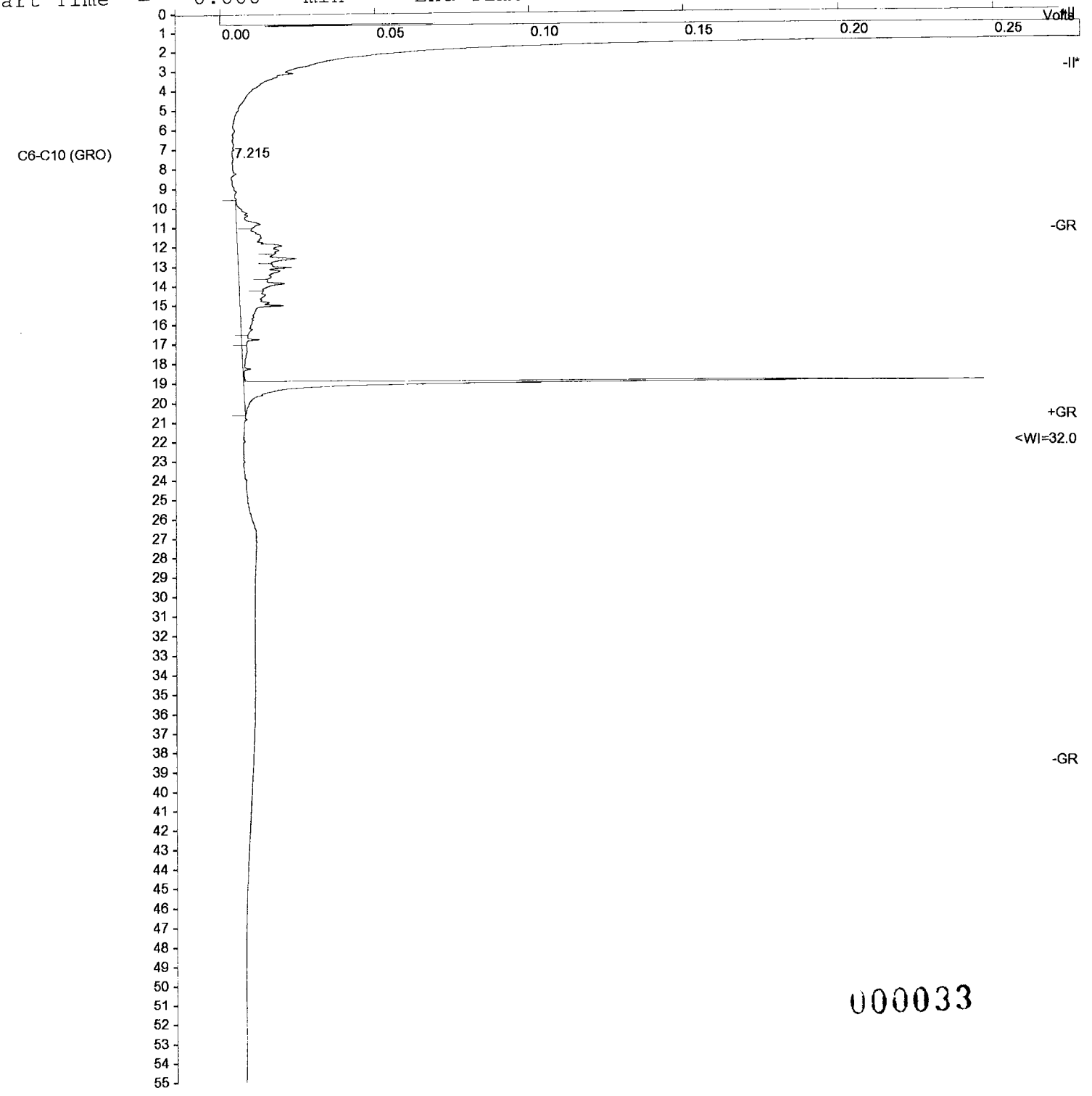
Injection Date: 11/21/02 12:32 AM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000033

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-078-10-10

Injection Date: 11/21/02 12:32 AM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	12.0885	7.215	0.001	265194	GR	0.0	1	
	Group 1	12.0885		0.001	265194				
	Totals:	12.0885		0.001	265194				

Total Unidentified Counts : 4804747 counts

Detected Peaks: 8 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -123 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 240 microVolts

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1001.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-079-10-10

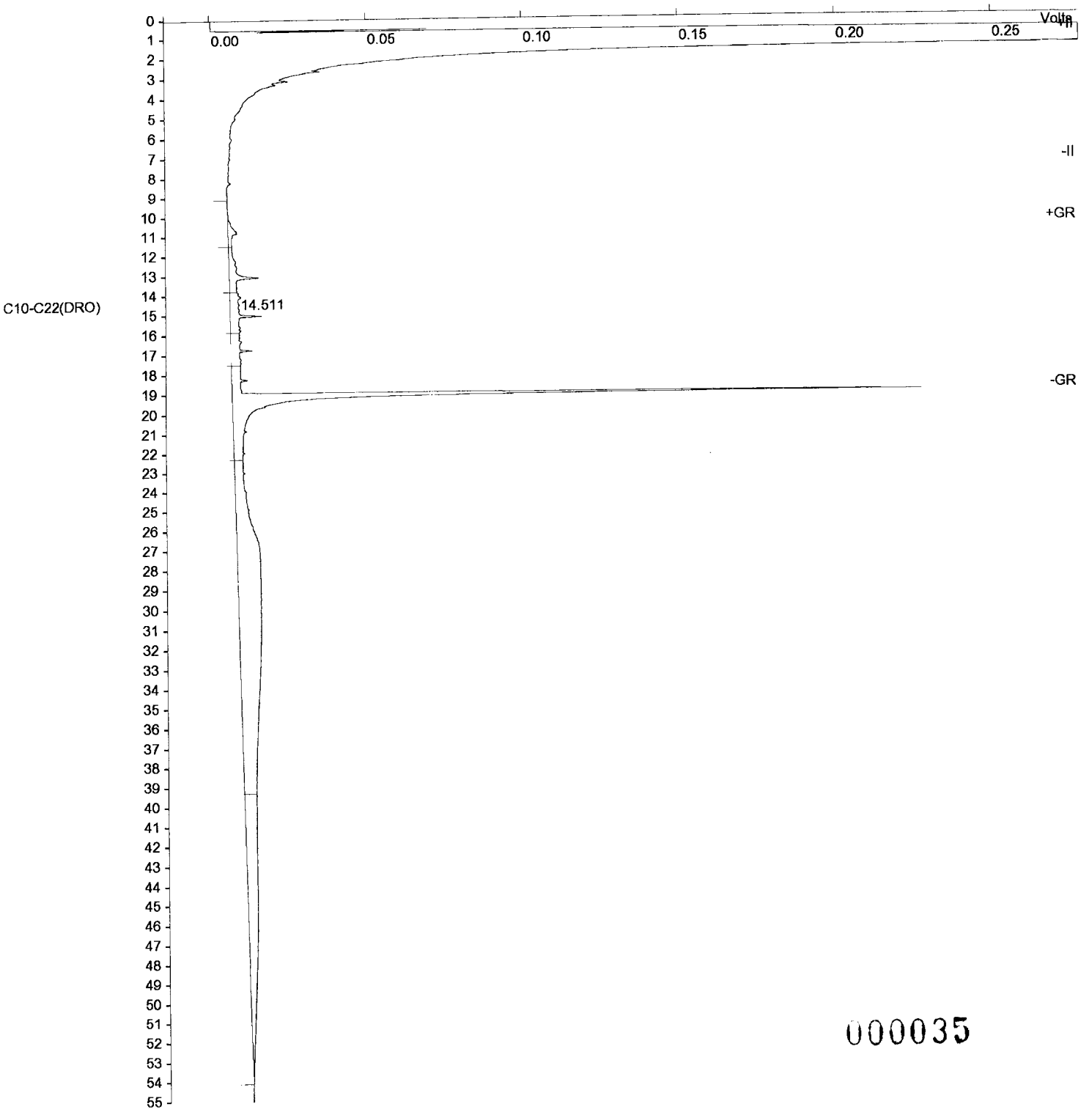
Injection Date: 11/21/02 1:40 AM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1001.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-079-10-10

Injection Date: 11/21/02 1:40 AM Calculation Date: 11/21/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	7.7795	14.511	0.000	1096372	GR	0.0	2	
	Group 2	7.7795		0.000	1096372				
	Totals:	7.7795		0.000	1096372				

Total Unidentified Counts : 10512280 counts

Detected Peaks: 7 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 268 microVolts

Noise (used): 190 microVolts - monitored before this run

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1001.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-079-10-10

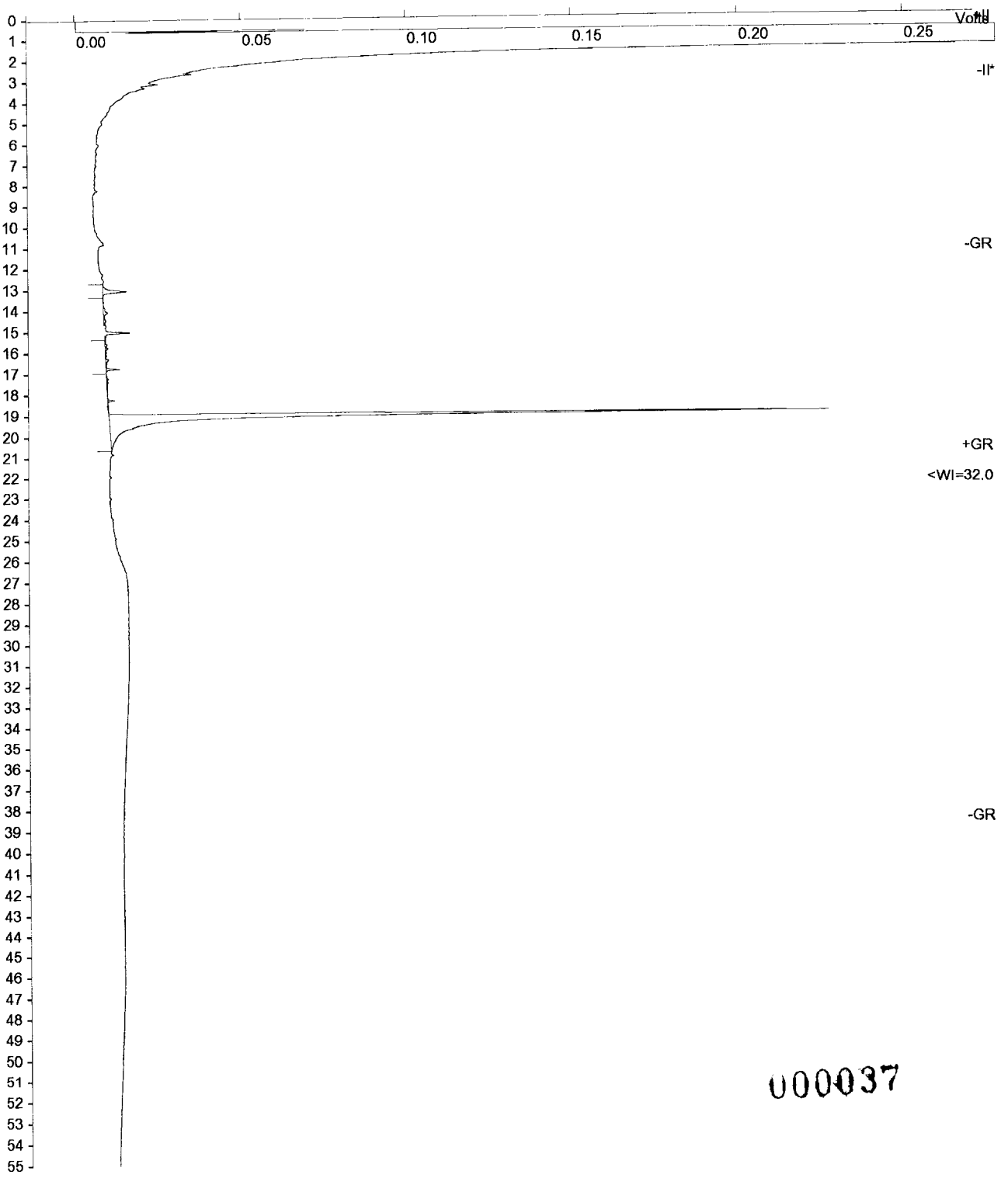
Injection Date: 11/21/02 1:40 AM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000037

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1001.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-079-10-10

Injection Date: 11/21/02 1:40 AM Calculation Date: 11/21/02 7:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2145082 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 268 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 190 microVolts

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1002.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-080-10-10

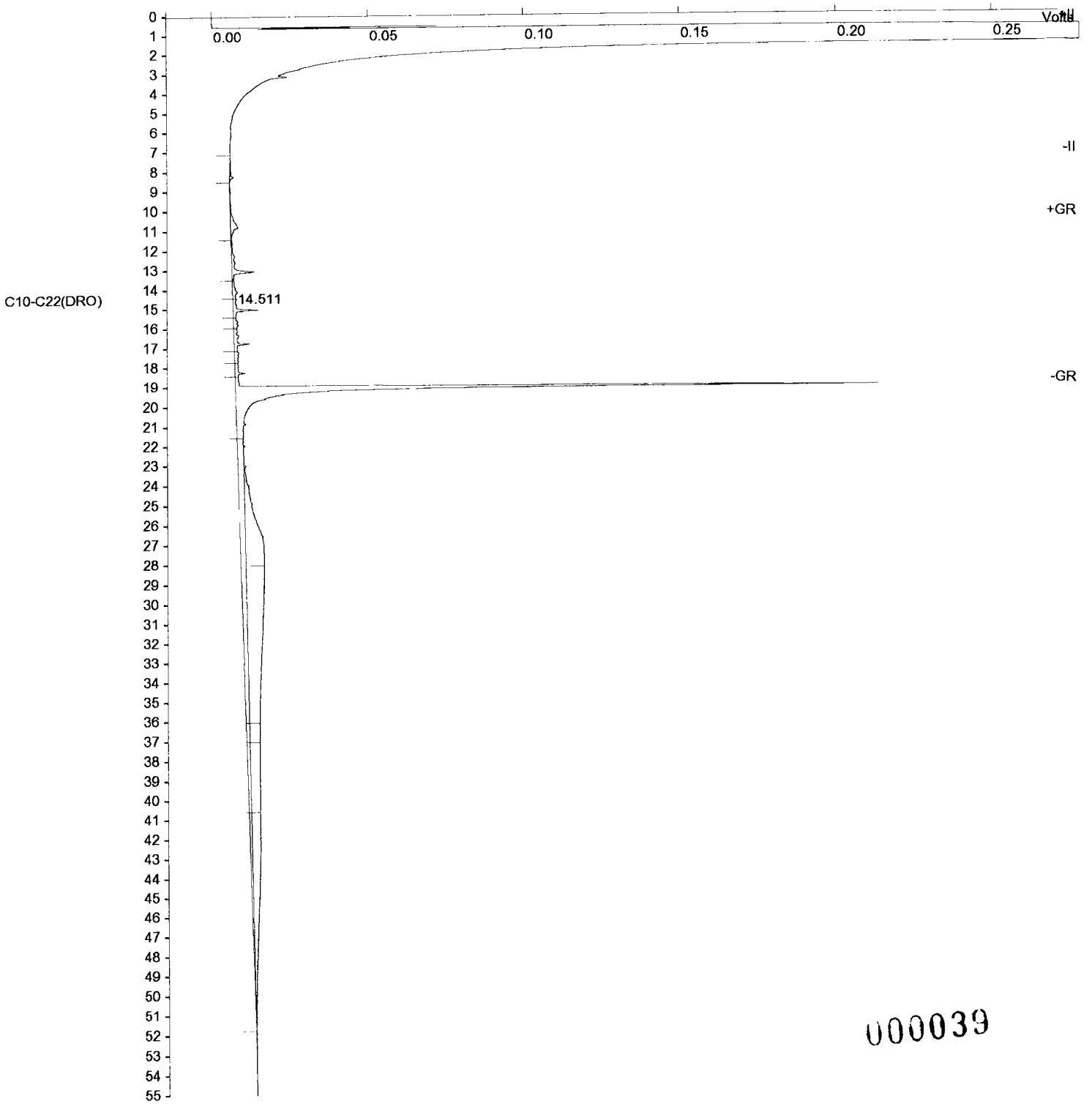
Injection Date: 11/21/02 2:48 AM Calculation Date: 11/21/02 7:58 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000039

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1002.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-080-10-10

Injection Date: 11/21/02 2:48 AM Calculation Date: 11/21/02 7:58 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	0.7789	14.511	0.000	506246	GR	0.0	2	
	Group 2	0.7789		0.000	506246				
	Totals:	0.7789		0.000	506246				

Total Unidentified Counts : 9093786 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25 microVolts

Noise (used): 160 microVolts - monitored before this run

Rack: 2 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1002.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-080-10-10

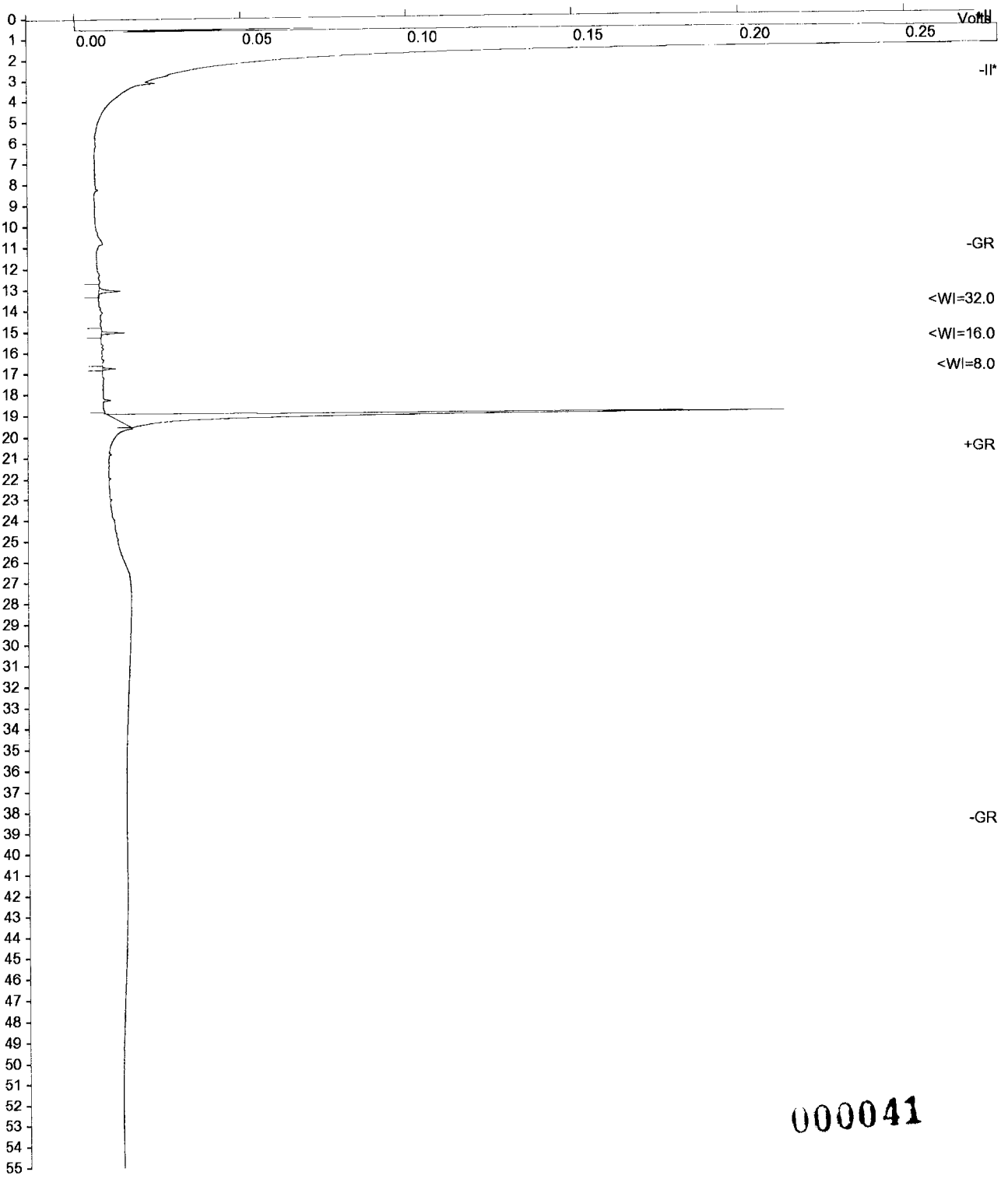
Injection Date: 11/21/02 2:48 AM Calculation Date: 11/21/02 7:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000041

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1003.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : dccv-gw144

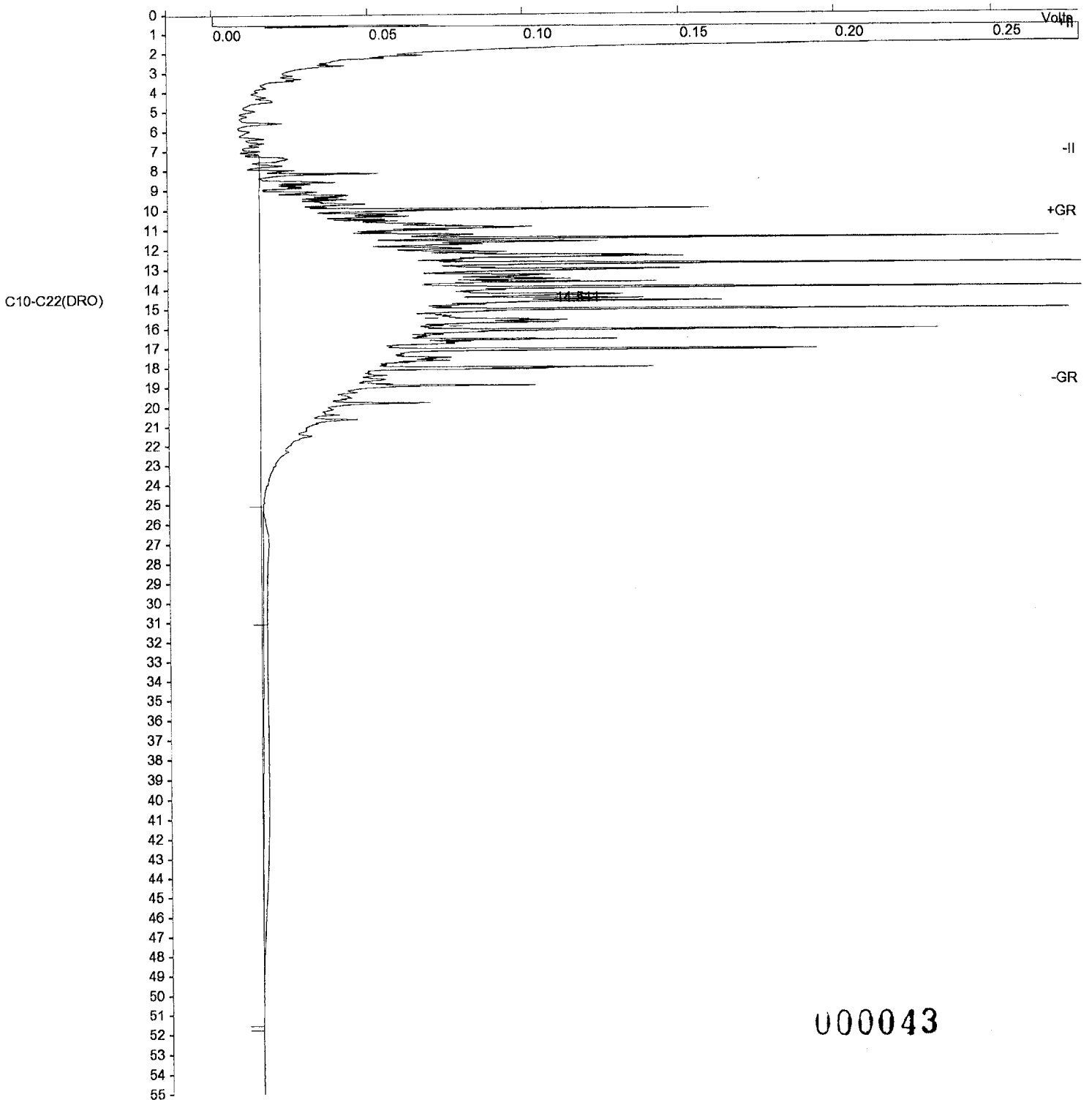
Injection Date: 11/21/02 3:56 AM Calculation Date: 11/21/02 8:10 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000043

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1003.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/21/02 3:56 AM Calculation Date: 11/21/02 8:10 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	519.5958	3.9	14.511	0.000	44240912	2	
	Group 2		519.5958			0.000	44240912		
	Totals:		519.5958			0.000	44240912		

Total Unidentified Counts : 1788370 counts

Detected Peaks: 8 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 322 microVolts

Noise (used): 160 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

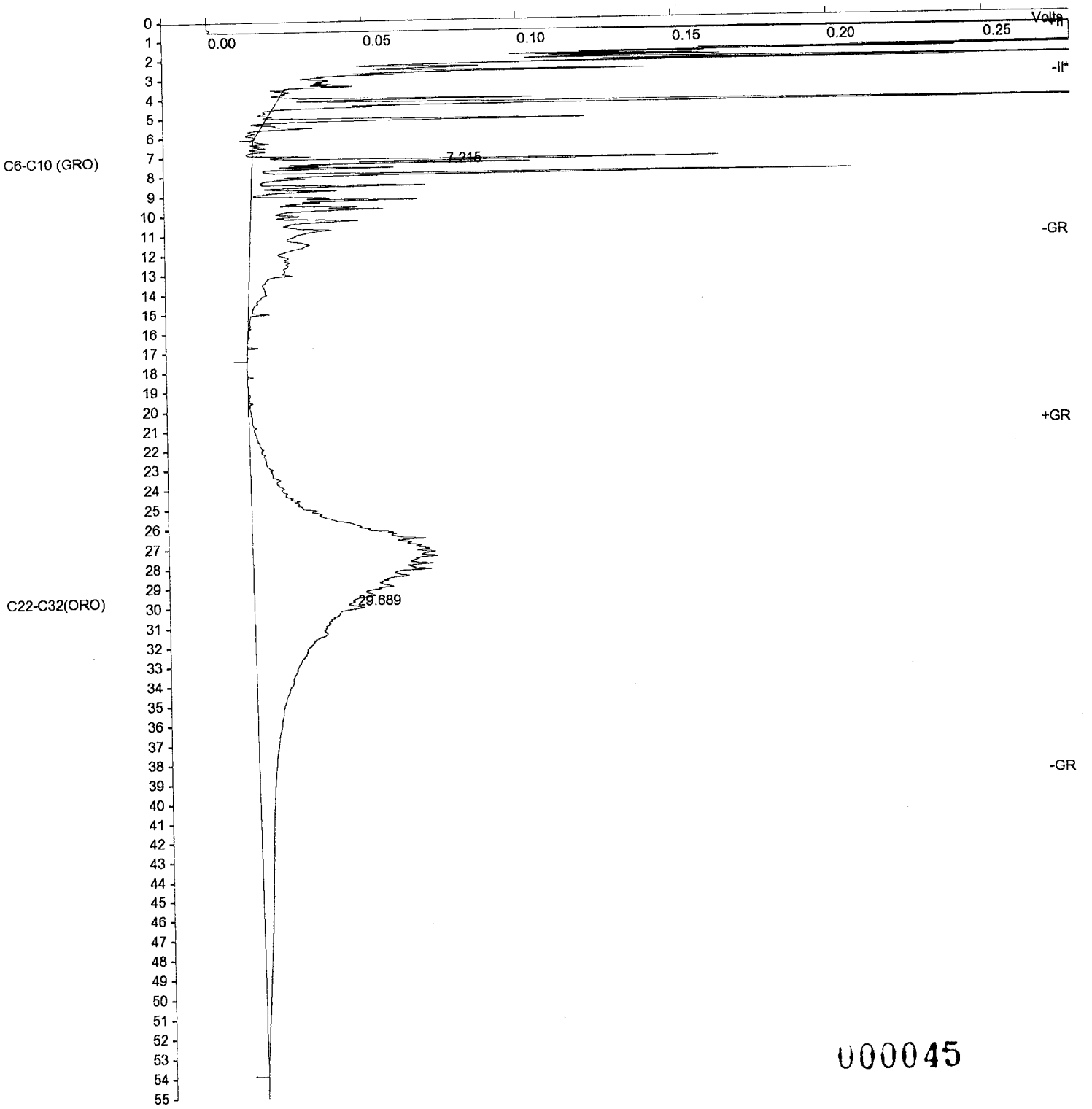
Injection Date: 11/21/02 5:04 AM Calculation Date: 11/21/02 7:41 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000045

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/21/02 5:04 AM Calculation Date: 11/21/02 7:41 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	494.6694	7.215	0.001	10851861	GR	0.0	1	
2	C22-C32(ORO)	438.4359	29.689	0.000	23668102	GR	0.0	3	
	Group 1	494.6694		0.001	10851861				
	Group 3	438.4359		0.000	23668102				
	Totals:	933.1053		0.001	34519963				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -9 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 212 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

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Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-081-10-10

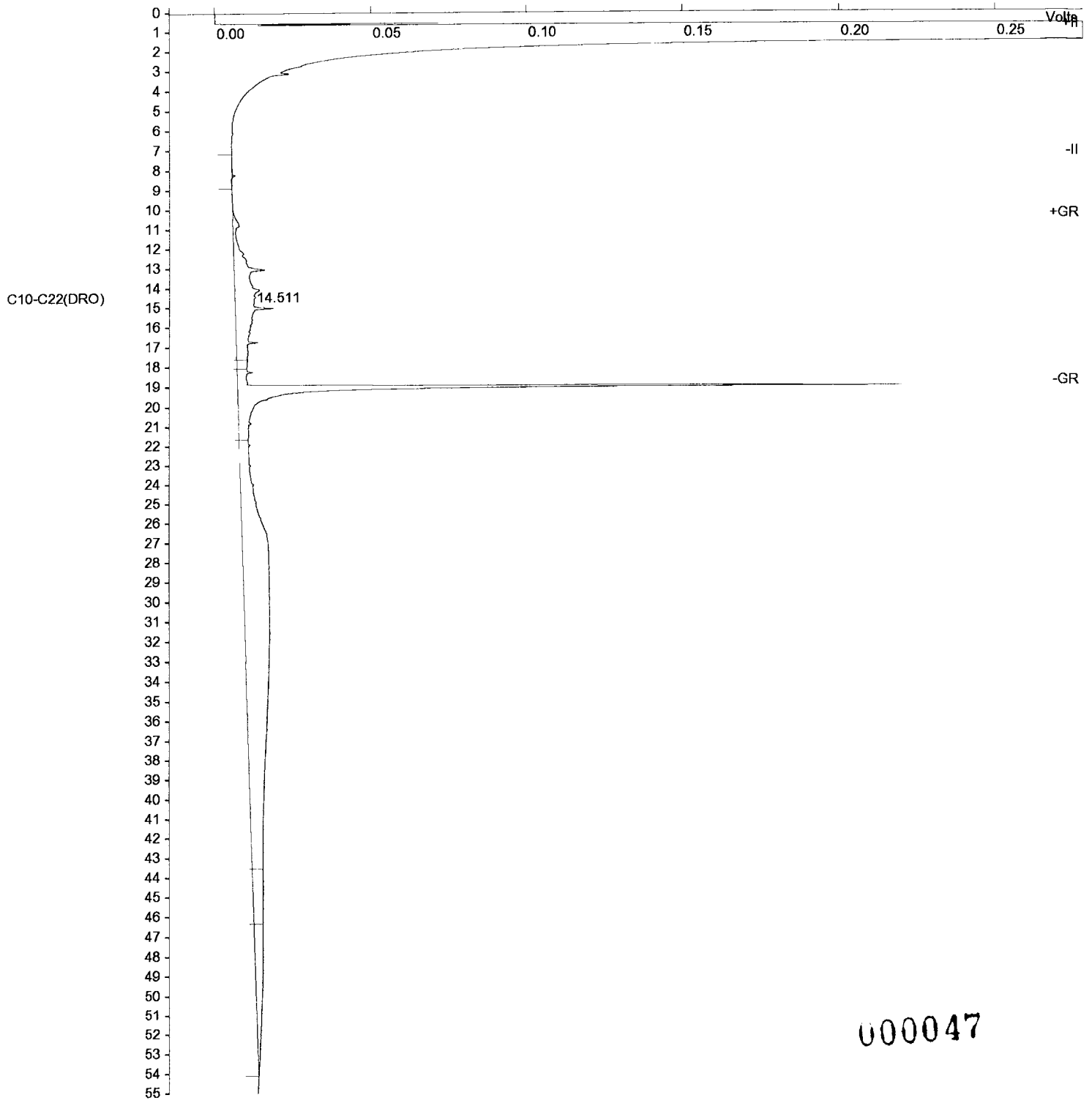
Injection Date: 11/21/02 6:12 AM Calculation Date: 11/21/02 7:57 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000047

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-081-10-10

Injection Date: 11/21/02 6:12 AM Calculation Date: 11/21/02 7:57 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	16.9257	14.511	0.000	1867370	GR	0.0	2	
	Group 2	16.9257		0.000	1867370				
	Totals:	16.9257		0.000	1867370				

Total Unidentified Counts : 11507981 counts

Detected Peaks: 7 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -26 microVolts

Noise (used): 164 microVolts - monitored before this run

Rack: 2 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-081-10-10

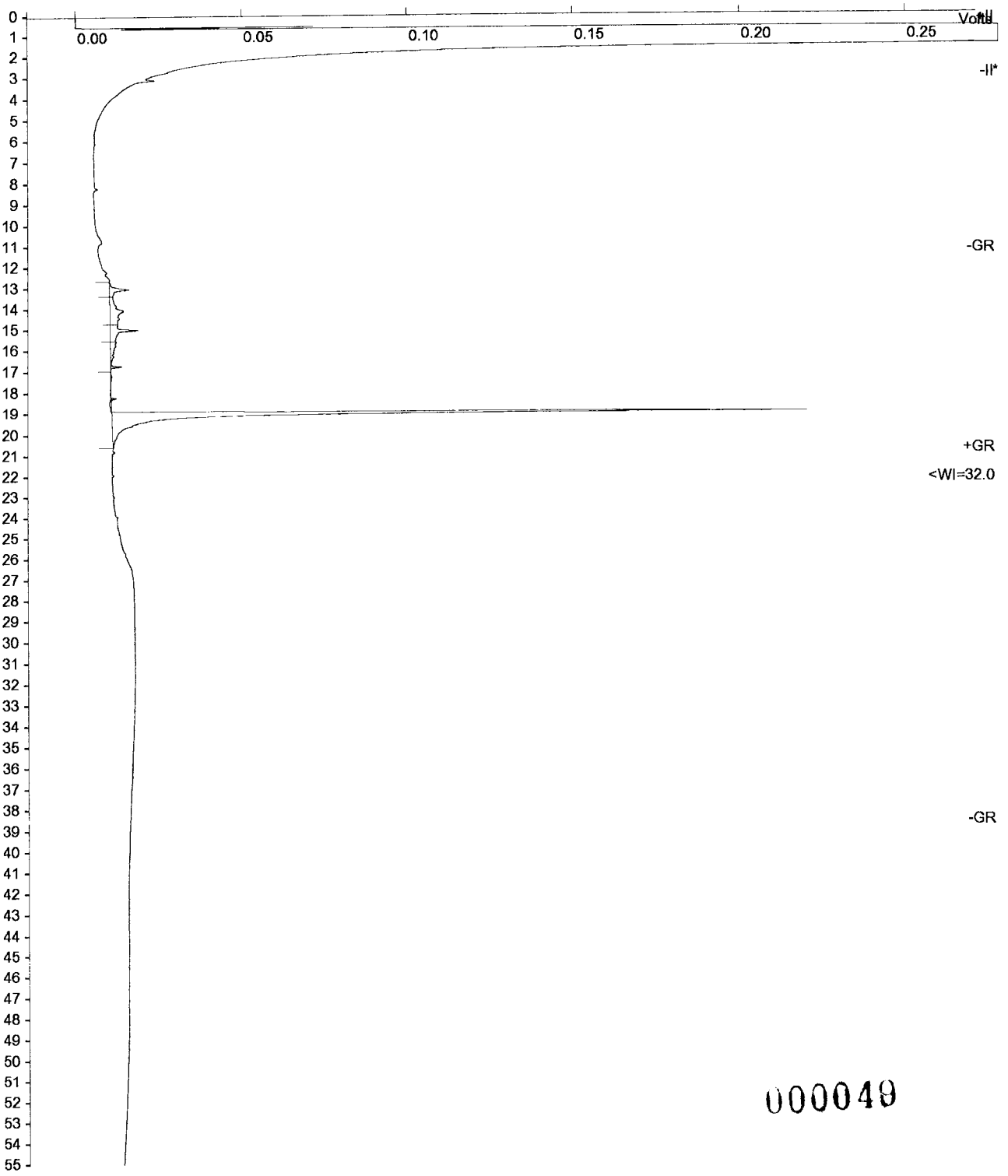
Injection Date: 11/21/02 6:12 AM Calculation Date: 11/21/02 7:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000049

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-081-10-10

Injection Date: 11/21/02 6:12 AM Calculation Date: 11/21/02 7:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2286973 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -26 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 164 microVolts

Rack: 2 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

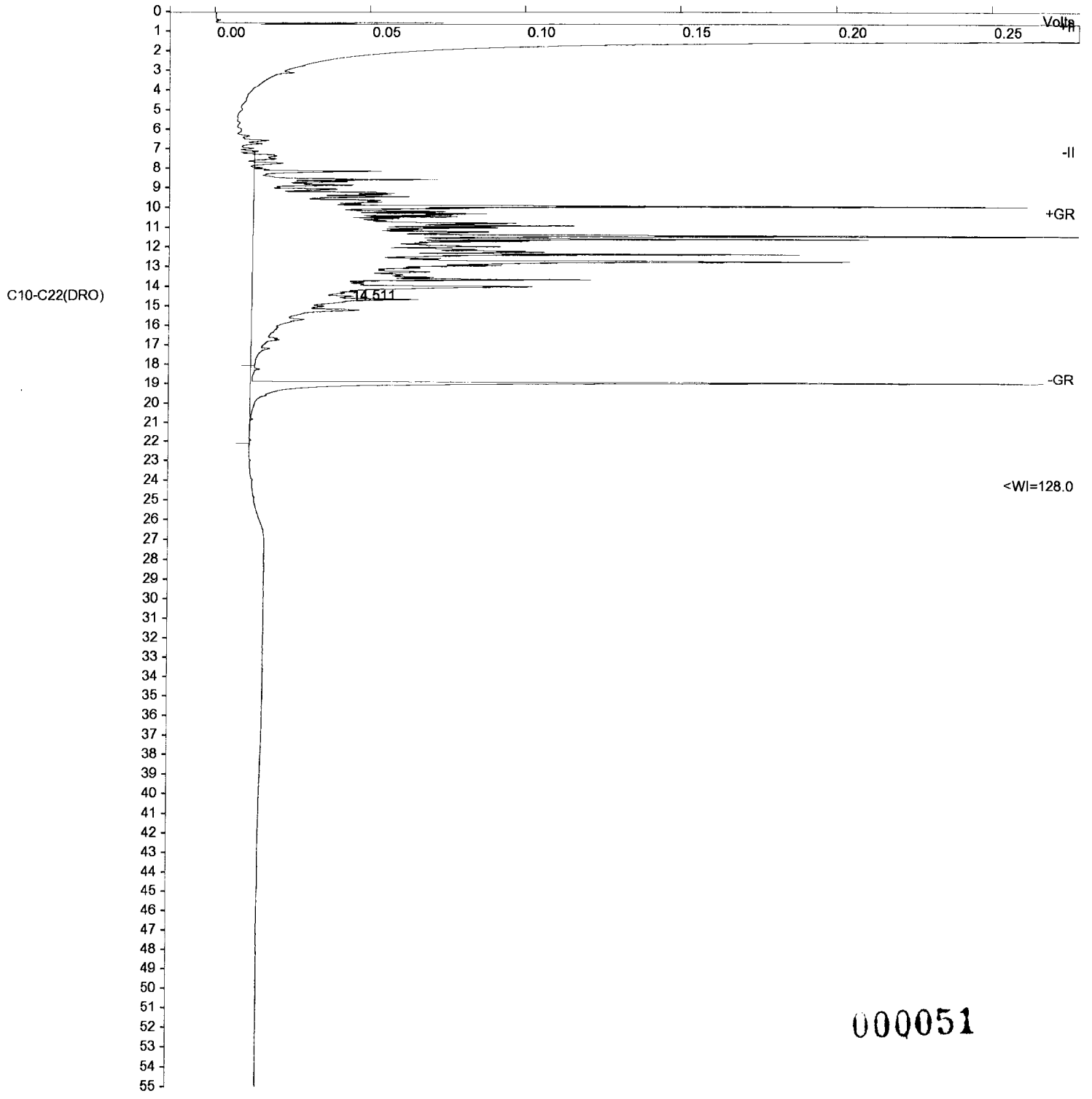
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1006.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-082-10-10

Injection Date: 11/21/02 7:19 AM Calculation Date: 11/21/02 8:22 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000051

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1006.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102451-082-10-10

Injection Date: 11/21/02 7:19 AM Calculation Date: 11/21/02 8:22 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	265.1255	14.511	0.000	22789852	GR	0.0	2	
	Group 2	265.1255		0.000	22789852				
	Totals:	265.1255		0.000	22789852				

Total Unidentified Counts : 2039728 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 185 microVolts

Noise (used): 139 microVolts - monitored before this run

Rack: 2 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1006.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-082-10-10

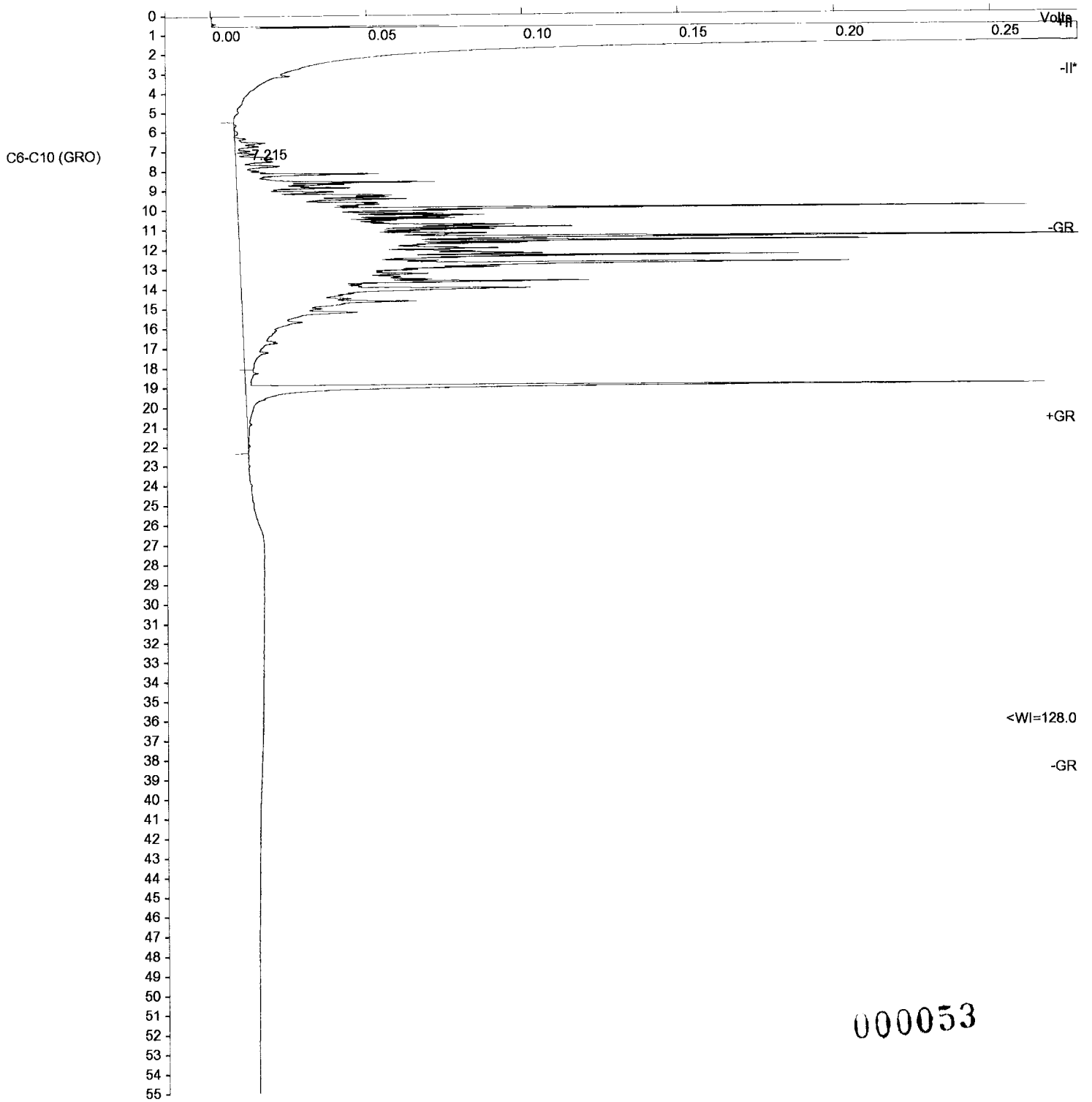
Injection Date: 11/21/02 7:19 AM Calculation Date: 11/21/02 8:22 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000053

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1006.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-082-10-10

Injection Date: 11/21/02 7:19 AM Calculation Date: 11/21/02 8:22 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	300.8409	7.215	0.001	6599729	GR	0.0	1	
	Group 1	300.8409		0.001	6599729				
	Totals:	300.8409		0.001	6599729				

Total Unidentified Counts : 20756838 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 185 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 139 microVolts

Rack: 2 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102451-083-10-10

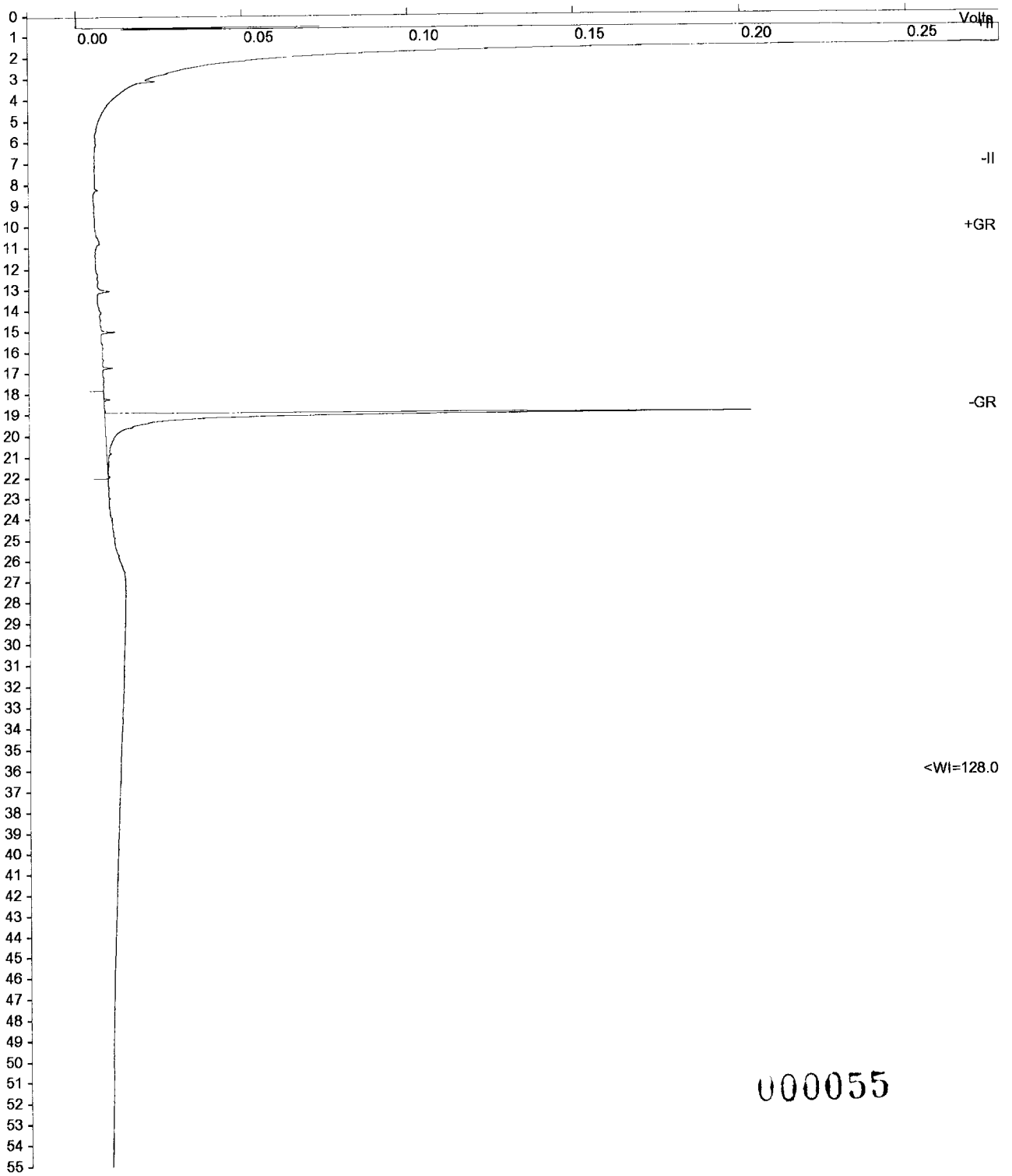
Injection Date: 11/21/02 8:29 AM Calculation Date: 11/21/02 9:24 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000055

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102451-083-10-10

Injection Date: 11/21/02 8:29 AM Calculation Date: 11/21/02 9:24 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2036888 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 3 microVolts

Noise (used): 155 microVolts - monitored before this run

Rack: 2 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1007.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-083-10-10

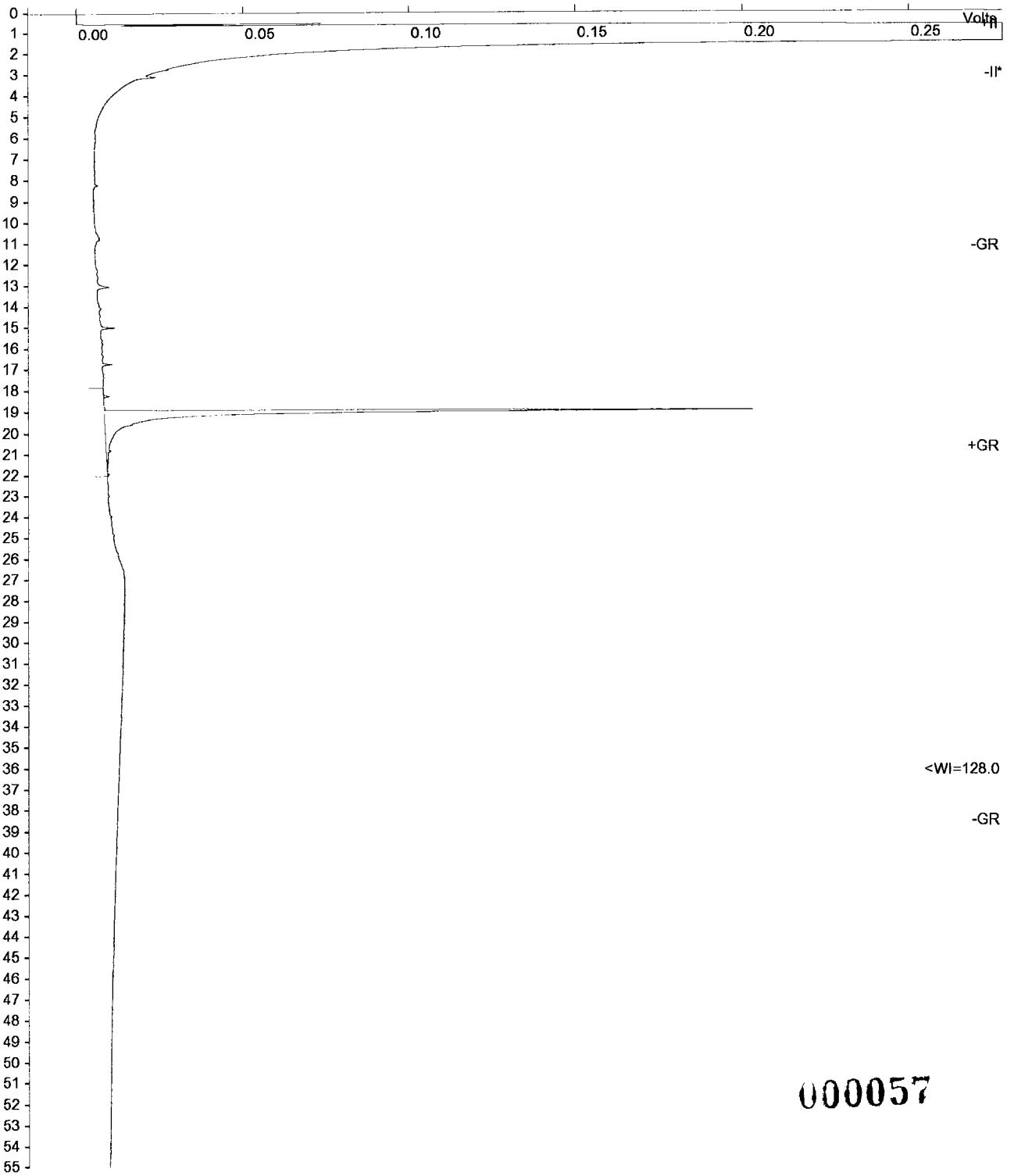
Injection Date: 11/21/02 8:29 AM Calculation Date: 11/21/02 9:32 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000057

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1007.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-083-10-10

Injection Date: 11/21/02 8:29 AM Calculation Date: 11/21/02 9:32 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2036888 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 3 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 155 microVolts

Rack: 2 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102451-084-10-10

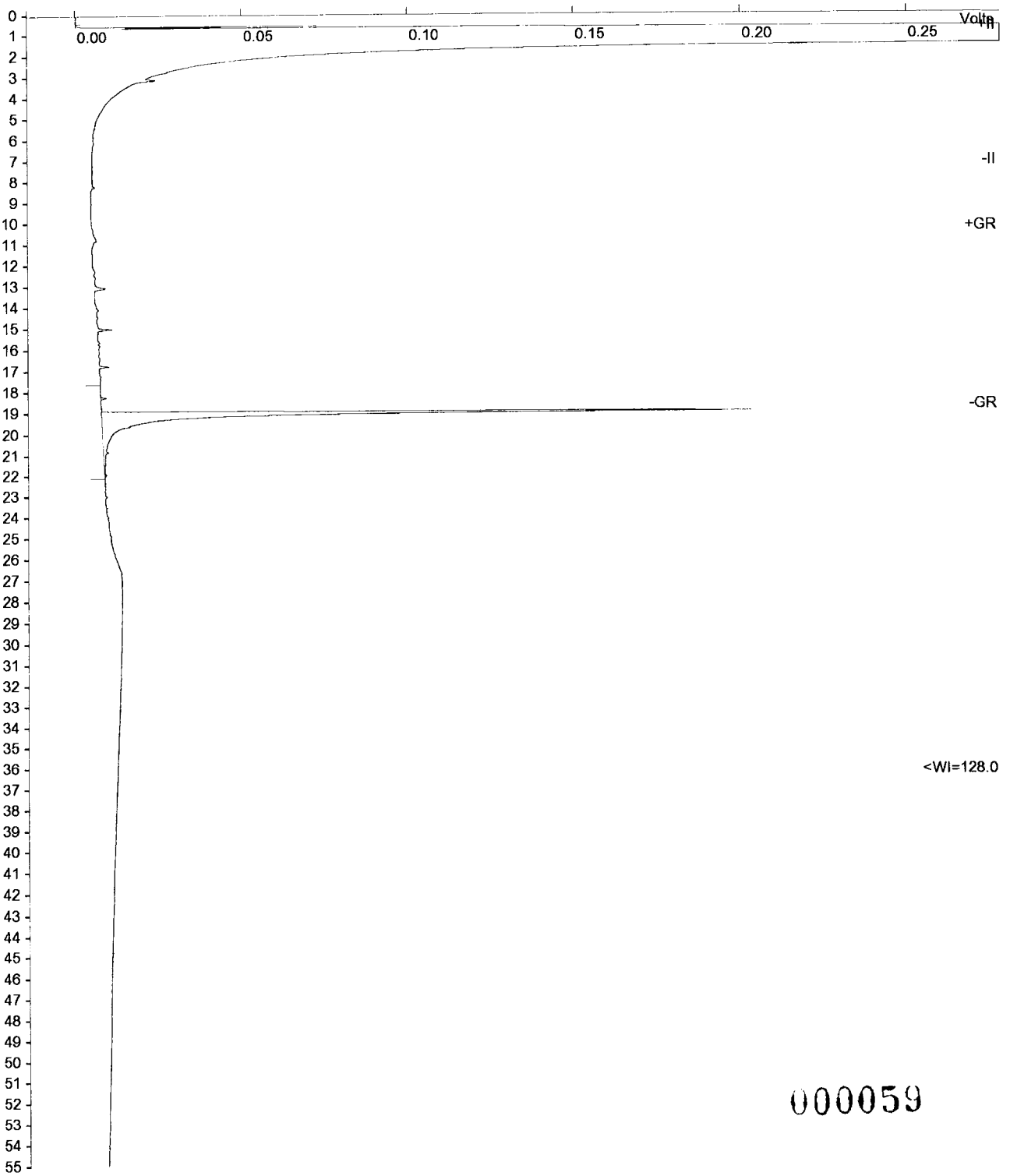
Injection Date: 11/21/02 9:37 AM Calculation Date: 11/21/02 10:32 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000059

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102451-084-10-10

Injection Date: 11/21/02 9:37 AM Calculation Date: 11/21/02 10:32 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2065829 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 157 microVolts

Noise (used): 149 microVolts - monitored before this run

Rack: 2 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-21-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102451-084-10-10

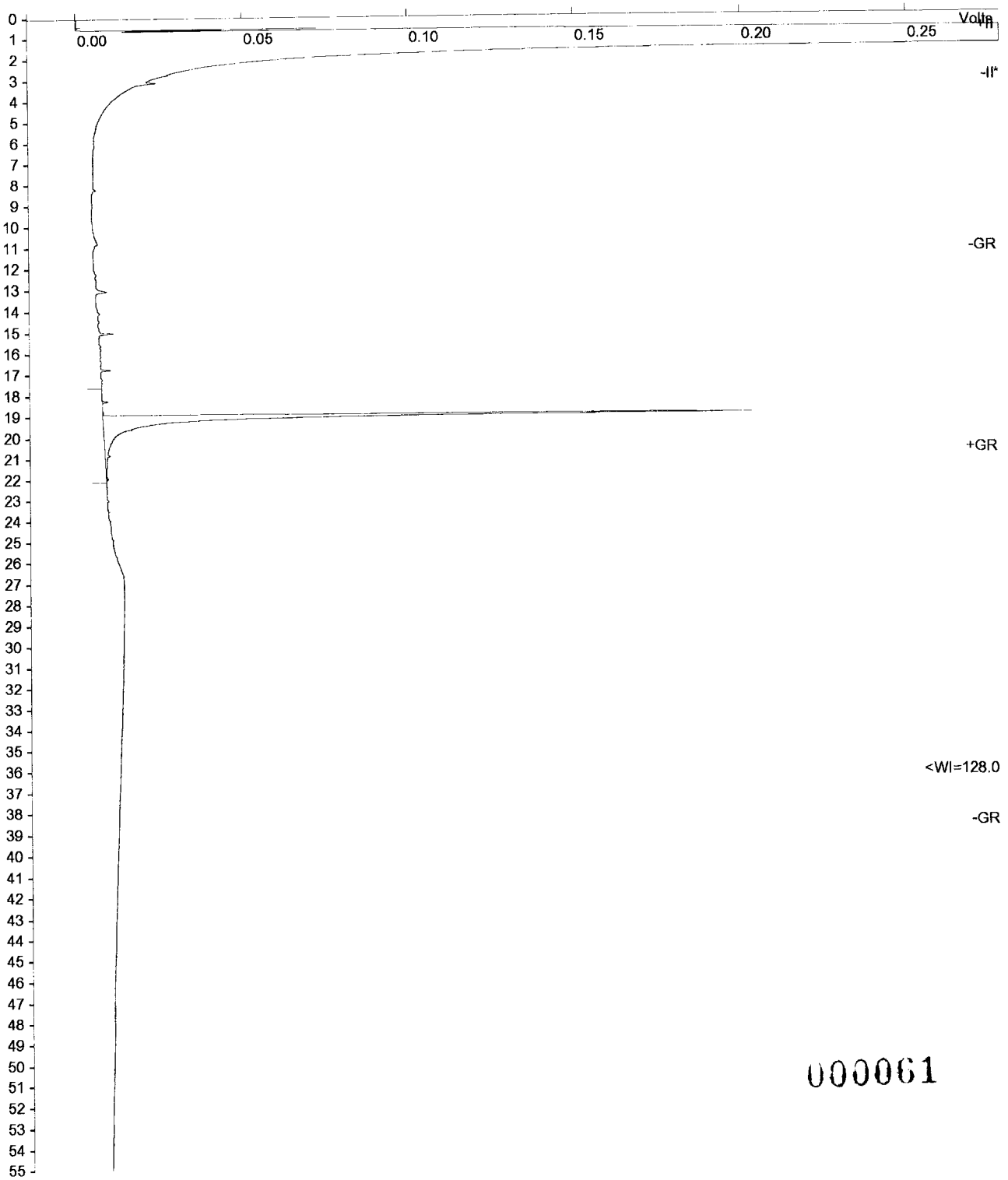
Injection Date: 11/21/02 9:37 AM Calculation Date: 11/21/02 10:35 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000061

EPA 8015M:

Total Petroleum Hydrocarbons

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

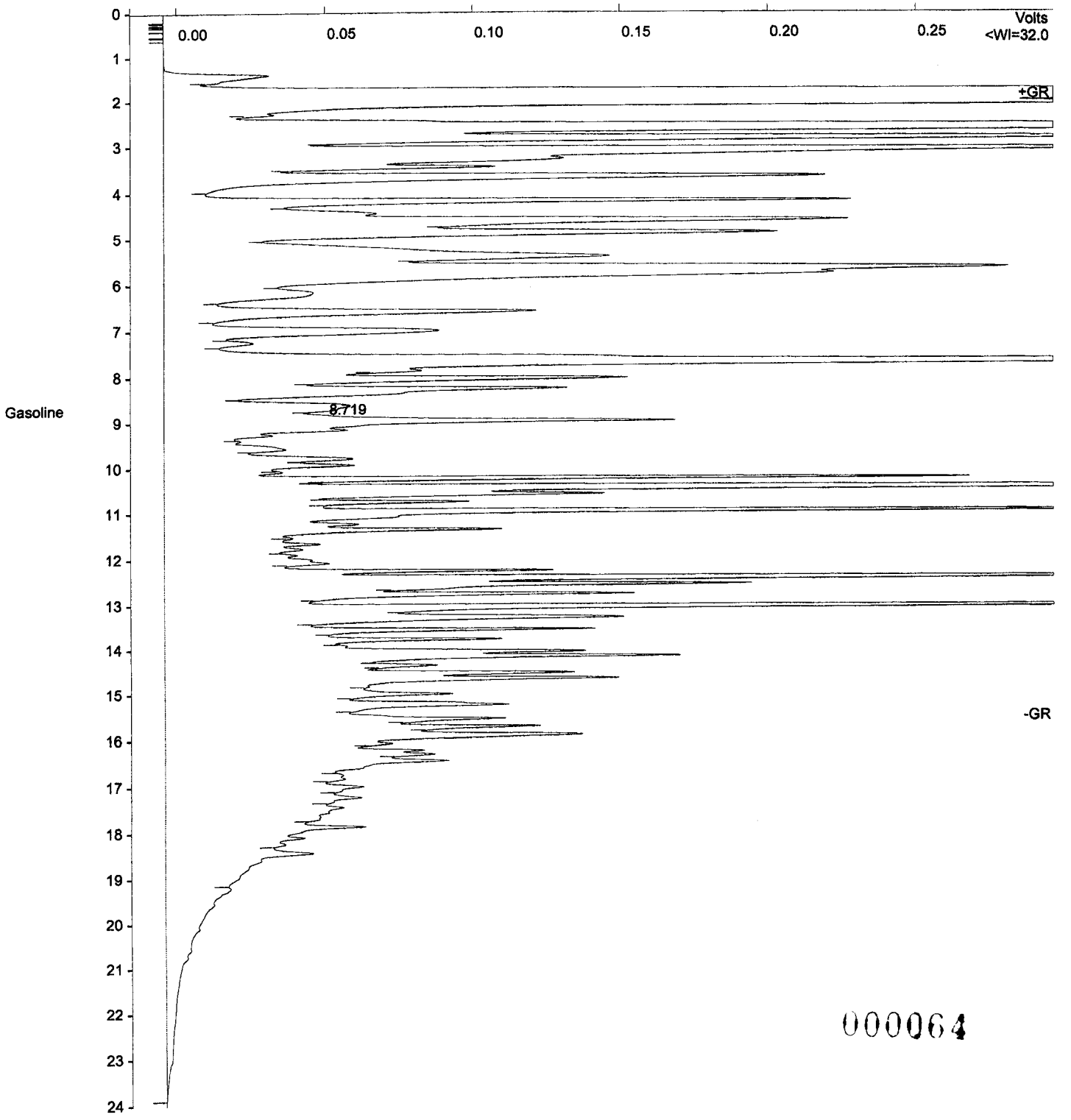
Injection Date: 11/20/02 9:26 AM Calculation Date: 11/20/02 9:50 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000064

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/20/02 9:26 AM Calculation Date: 11/20/02 9:50 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.6496	8.719	0.001	9379530	GR	0.0	
	Totals:	5.6496		0.001	9379530			

Total Unidentified Counts : 1823780 counts

Detected Peaks: 60 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4209 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

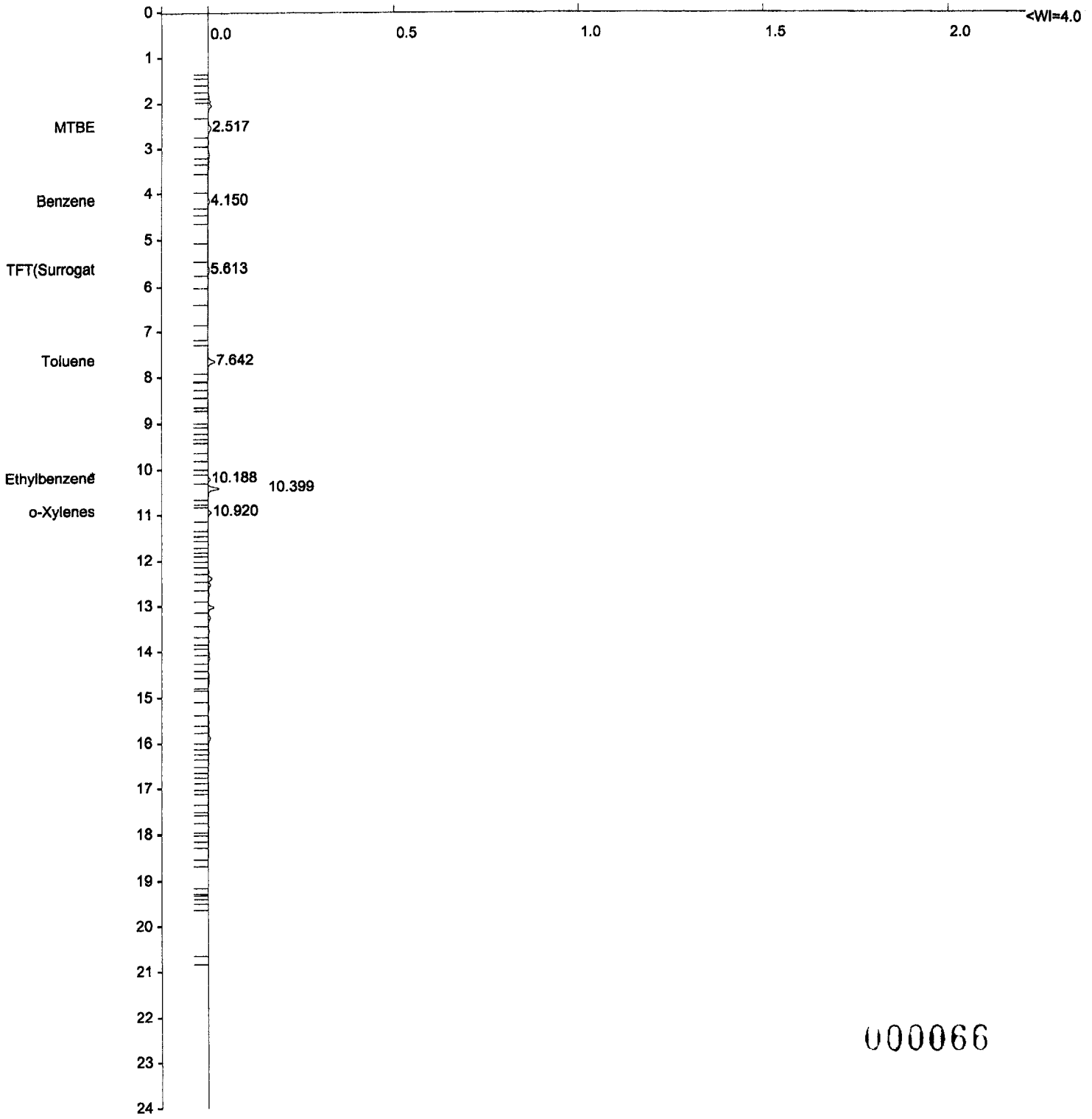
Injection Date: 11/20/02 9:26 AM Calculation Date: 11/20/02 9:50 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000066

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/20/02 9:26 AM Calculation Date: 11/20/02 9:50 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.517	-0.010	7047	VV	7.3	
2	Benzene	0.0000	4.150	-0.024	2706	VV	5.9	
3	TFT(Surrogat	0.2675	5.613	0.002	3331	VV	9.4	C
4	Toluene	0.0000	7.642	-0.016	14239	BV	5.1	
5	Ethylbenzene	0.0000	10.188	-0.023	2889	VV	4.2	
6	p,m-Xylenes	0.0000	10.399	-0.011	15081	VV	0.0	
7	o-Xylenes	0.0000	10.920	-0.016	4827	VV	4.1	
	Totals:	0.2675		-0.098	50120			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 70714 counts

Detected Peaks: 93 Rejected Peaks: 52 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -9 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : ~~geev-gw142~~ gles -gw 143.

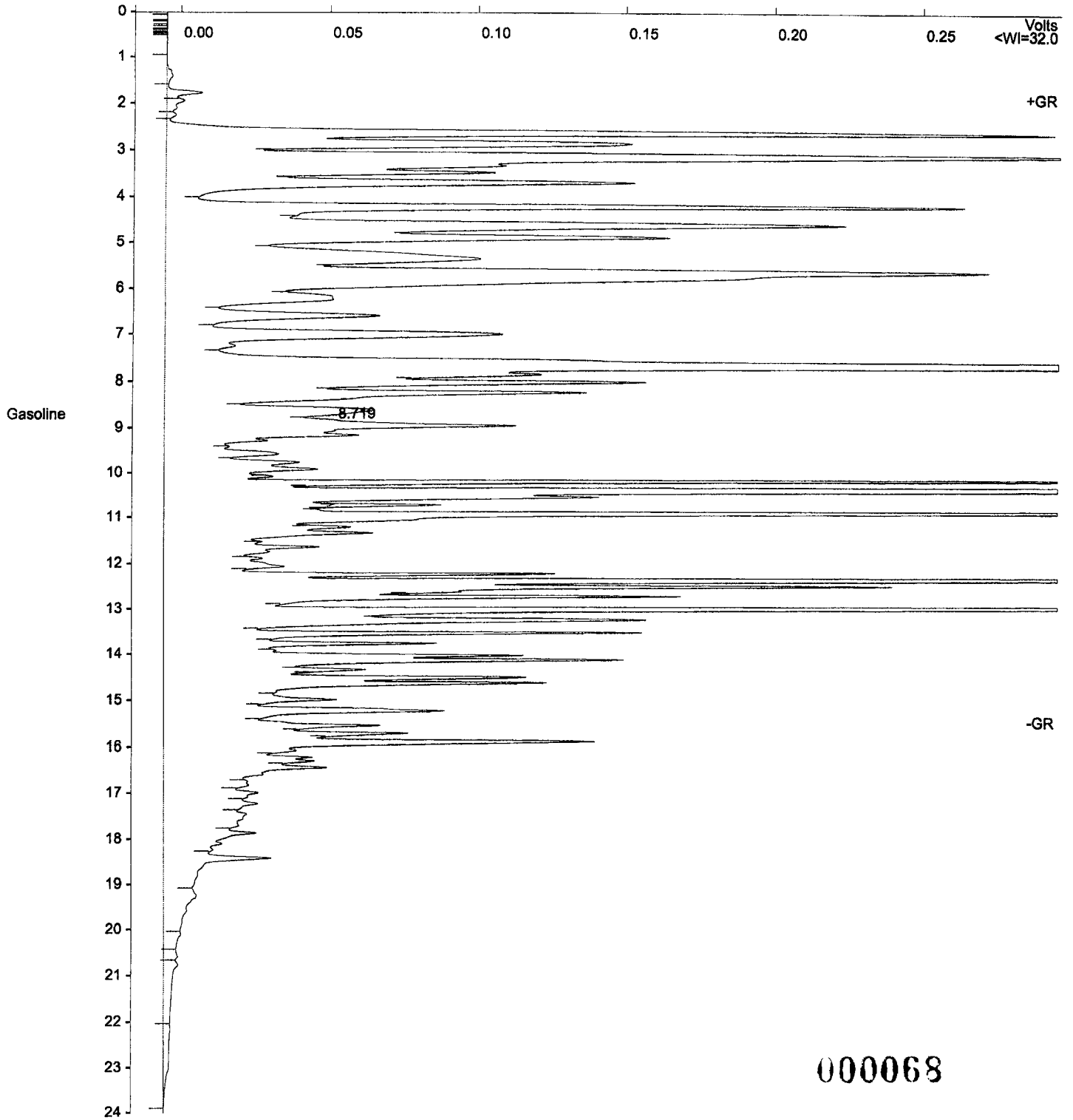
Injection Date: 11/20/02 12:08 PM Calculation Date: 11/20/02 12:32 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000068

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : ~~gccv-gw142~~ gccs_gw143

Injection Date: 11/20/02 12:08 PM Calculation Date: 11/20/02 12:32 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.6484	8.719	0.001	7717313	GR	0.0	
	Totals:	4.6484		0.001	7717313			

Total Unidentified Counts : 761411 counts

Detected Peaks: 69 Rejected Peaks: 12 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4869 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : ~~gccv-gw142~~ gccs_gw143

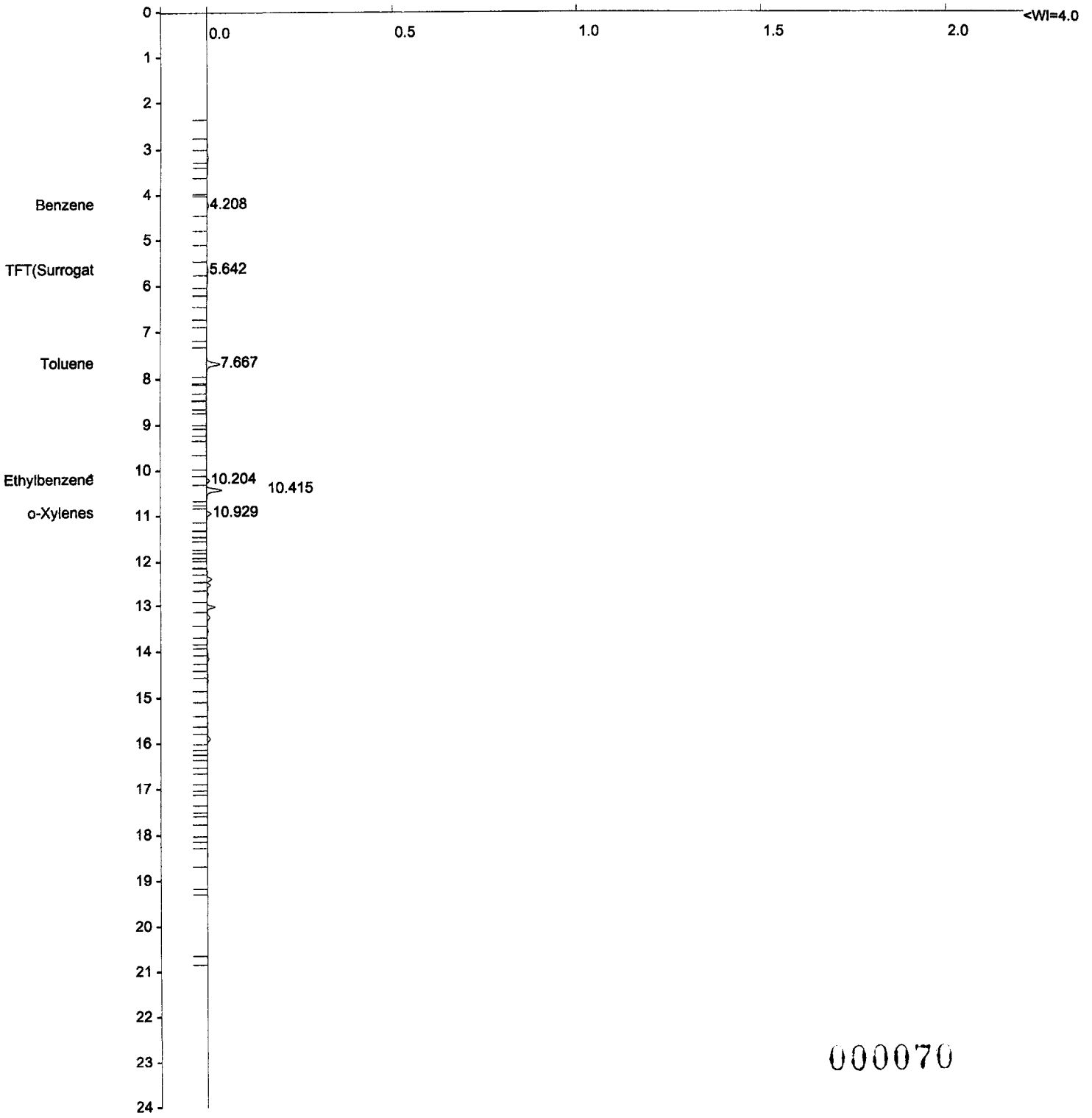
Injection Date: 11/20/02 12:08 PM Calculation Date: 11/20/02 12:32 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000070

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : ~~gccv-gw142~~ gccs - gw143

Injection Date: 11/20/02 12:08 PM Calculation Date: 11/20/02 12:32 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.208	0.034	3651	BV	6.3	
2	TFT(Surrogat	0.2548	5.642	0.031	3173	VV	9.5	C
3	Toluene	0.0000	7.667	0.009	24010	BV	4.9	
4	Ethylbenzene	0.0000	10.204	-0.006	3770	VV	4.1	
5	p,m-Xylenes	0.0000	10.415	0.005	20689	VV	0.0	
6	o-Xylenes	0.0000	10.929	-0.006	8335	VV	3.9	
	Totals:	0.2548		0.067	63628			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 58941 counts

Detected Peaks: 78 Rejected Peaks: 50 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 20 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1002.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

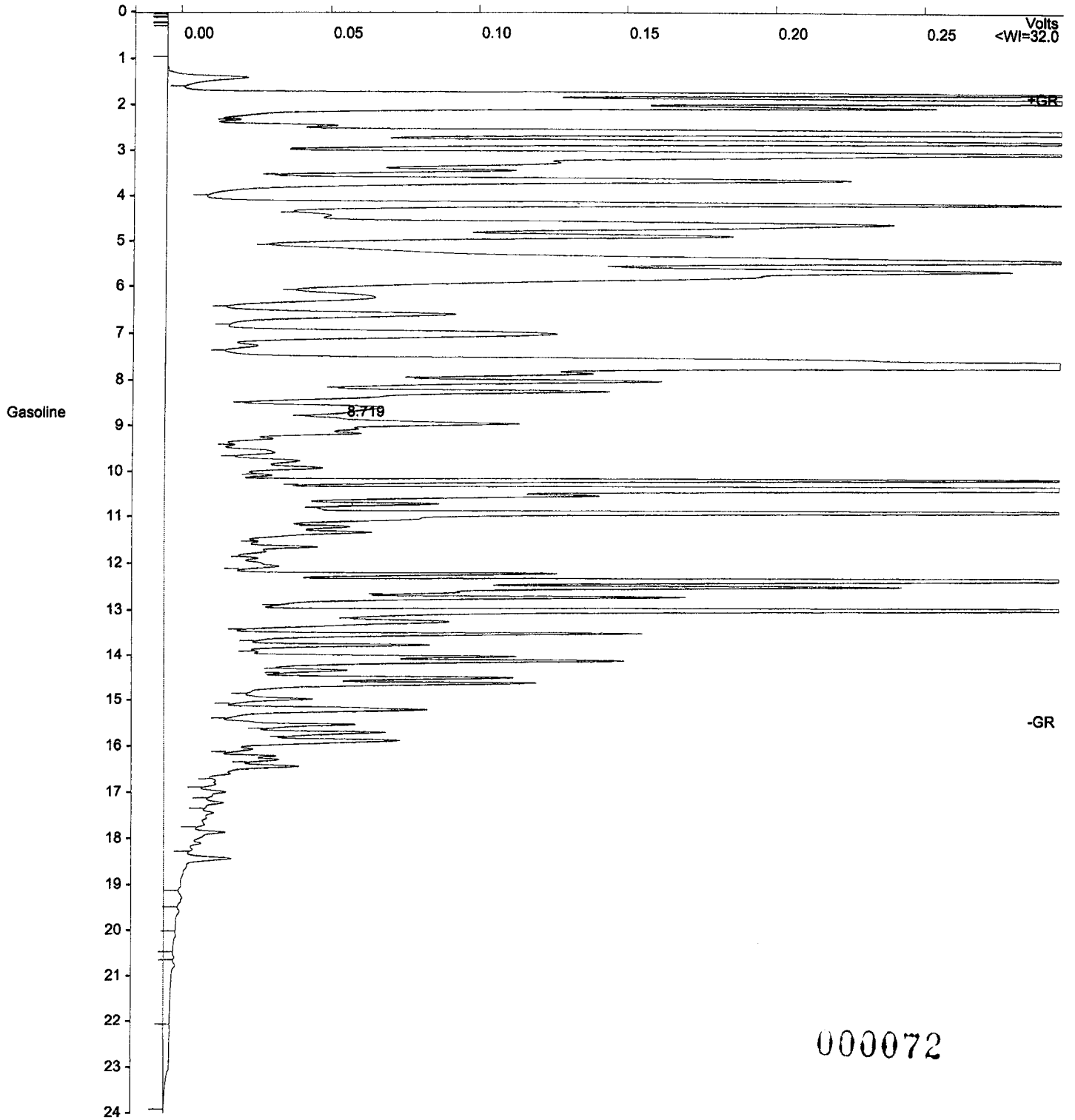
Injection Date: 11/20/02 12:47 PM Calculation Date: 11/20/02 1:11 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000072

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1002.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

Injection Date: 11/20/02 12:47 PM Calculation Date: 11/20/02 1:11 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.6294	8.719	0.001	9345985	GR	0.0	
	Totals:	5.6294		0.001	9345985			

Total Unidentified Counts : 512345 counts

Detected Peaks: 60 Rejected Peaks: 4 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4739 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1002.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

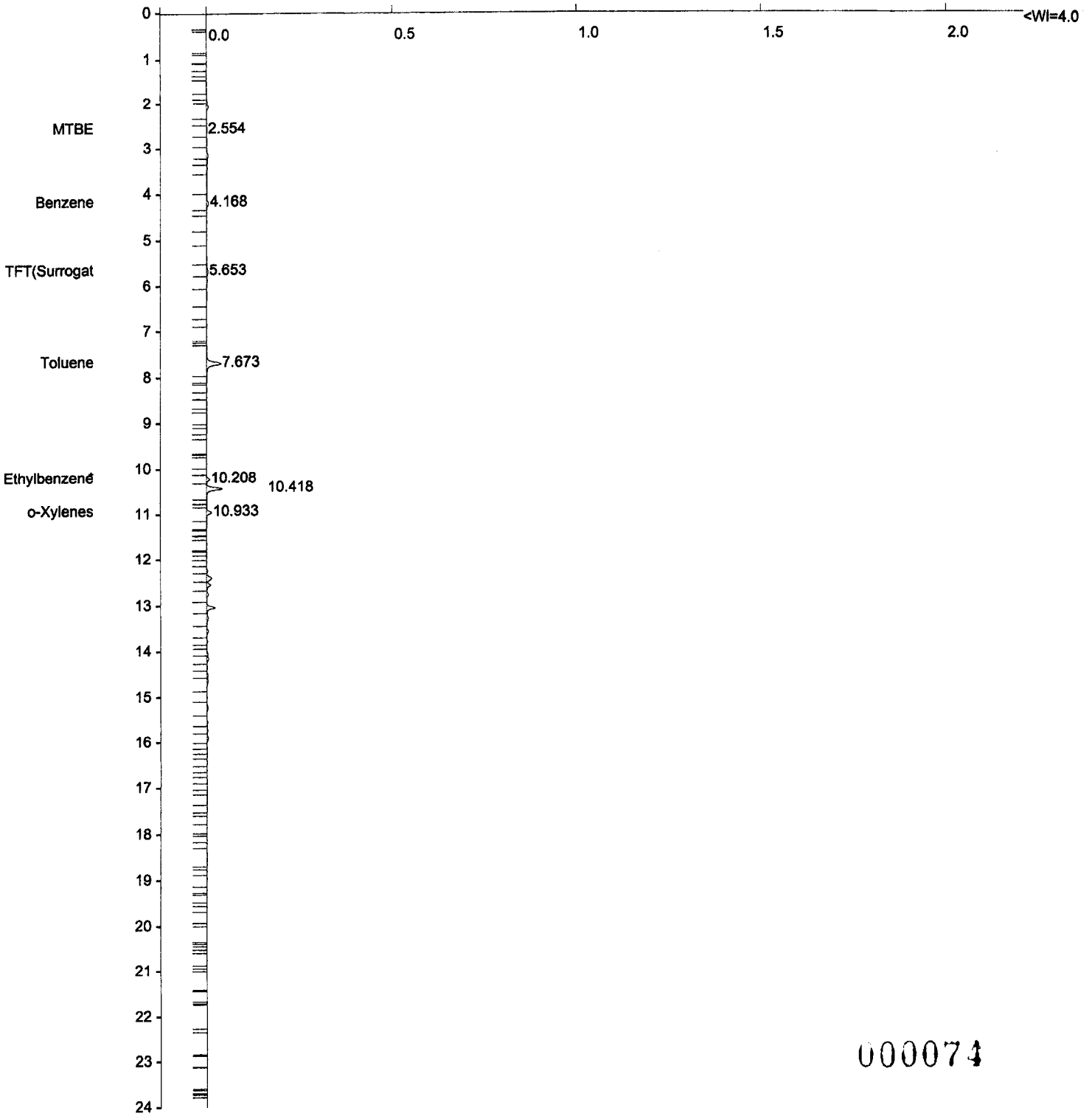
Injection Date: 11/20/02 12:47 PM Calculation Date: 11/20/02 1:11 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000074

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1002.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

Injection Date: 11/20/02 12:47 PM Calculation Date: 11/20/02 1:11 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.554	0.027	1065	VV	7.5	
2	Benzene	0.0000	4.168	-0.006	3770	VV	5.6	
3	TFT(Surrogat	0.2907	5.653	0.042	3620	VV	10.1	C
4	Toluene	0.0000	7.673	0.015	28745	VV	4.9	
5	Ethylbenzene	0.0000	10.208	-0.002	3991	VV	4.2	
6	p,m-Xylenes	0.0000	10.418	0.008	21558	VV	4.2	
7	o-Xylenes	0.0000	10.933	-0.002	9423	VV	3.9	
	Totals:	0.2907		0.082	72172			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 66076 counts

Detected Peaks: 116 Rejected Peaks: 81 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

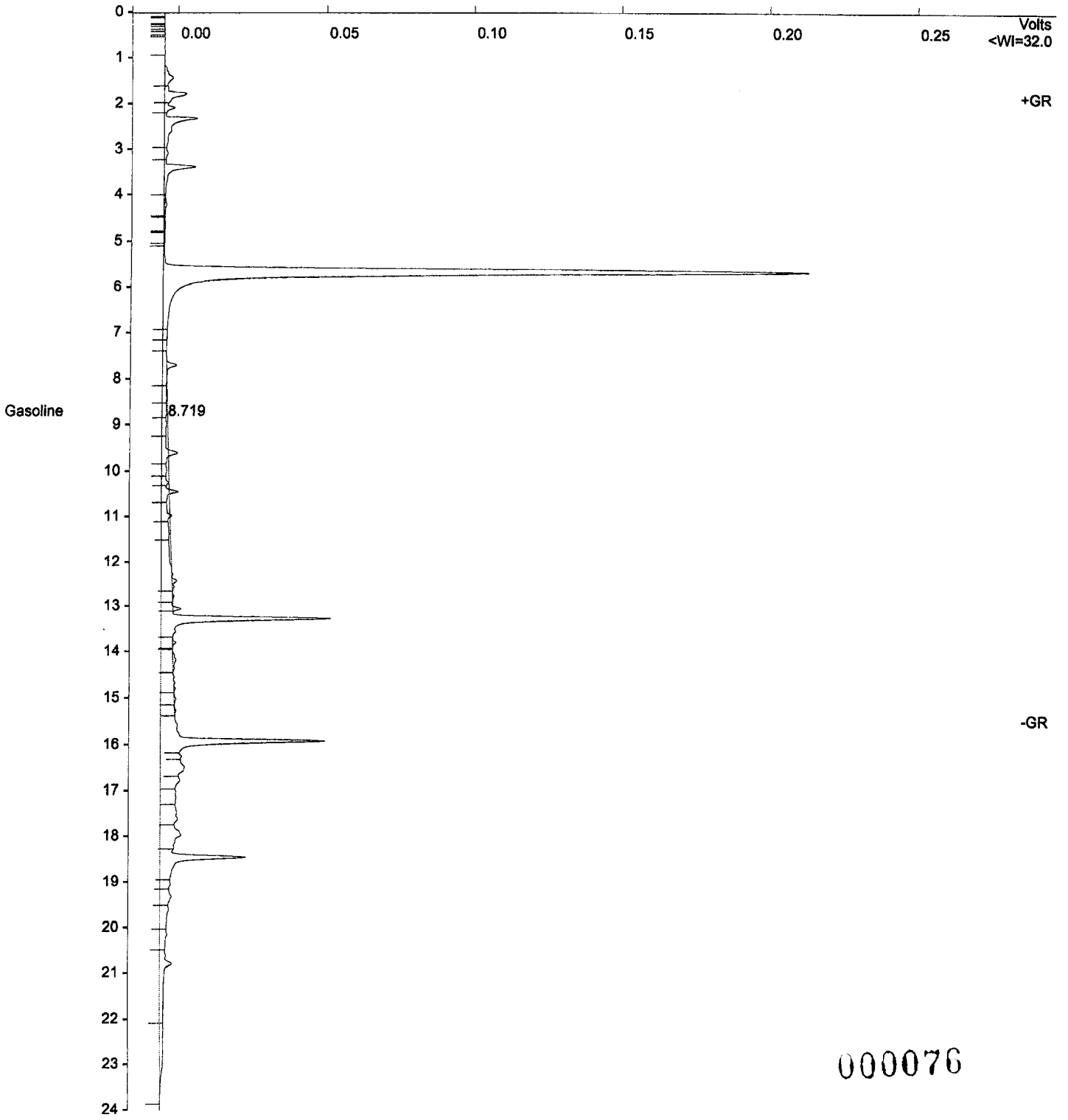
Injection Date: 11/20/02 1:27 PM Calculation Date: 11/20/02 1:51 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000076

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

Injection Date: 11/20/02 1:27 PM Calculation Date: 11/20/02 1:51 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2545	8.719	0.001	422456	GR	0.0	
	Totals:	0.2545		0.001	422456			

Total Unidentified Counts : 216510 counts

Detected Peaks: 50 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4729 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

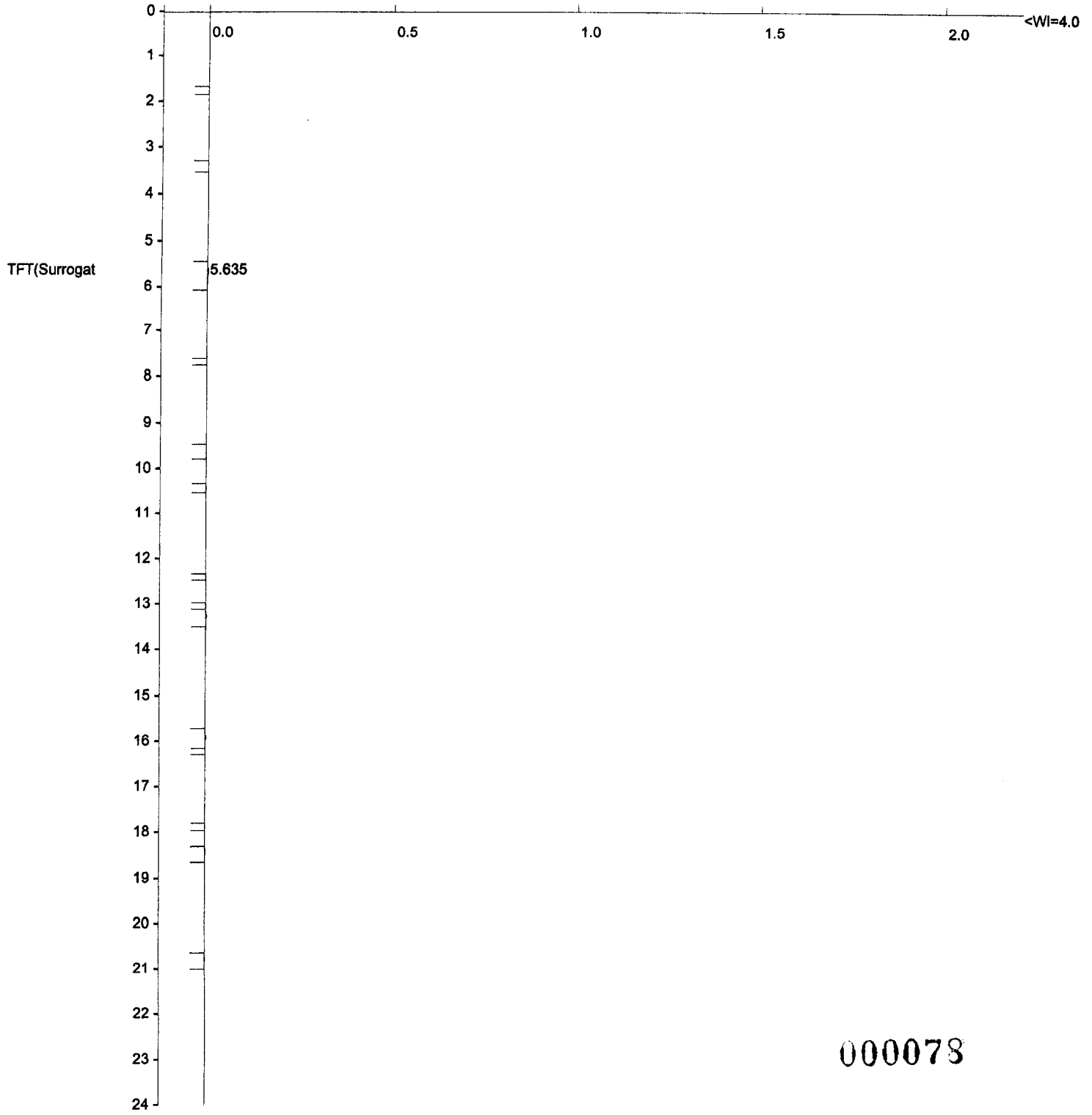
Injection Date: 11/20/02 1:27 PM Calculation Date: 11/20/02 1:51 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000078

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

Injection Date: 11/20/02 1:27 PM Calculation Date: 11/20/02 1:51 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2025	5.635	0.024	2521	BB	7.7	
	Totals:	0.2025		0.024	2521			

Total Unidentified Counts : 4173 counts

Detected Peaks: 14 Rejected Peaks: 10 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102541-077-5.0

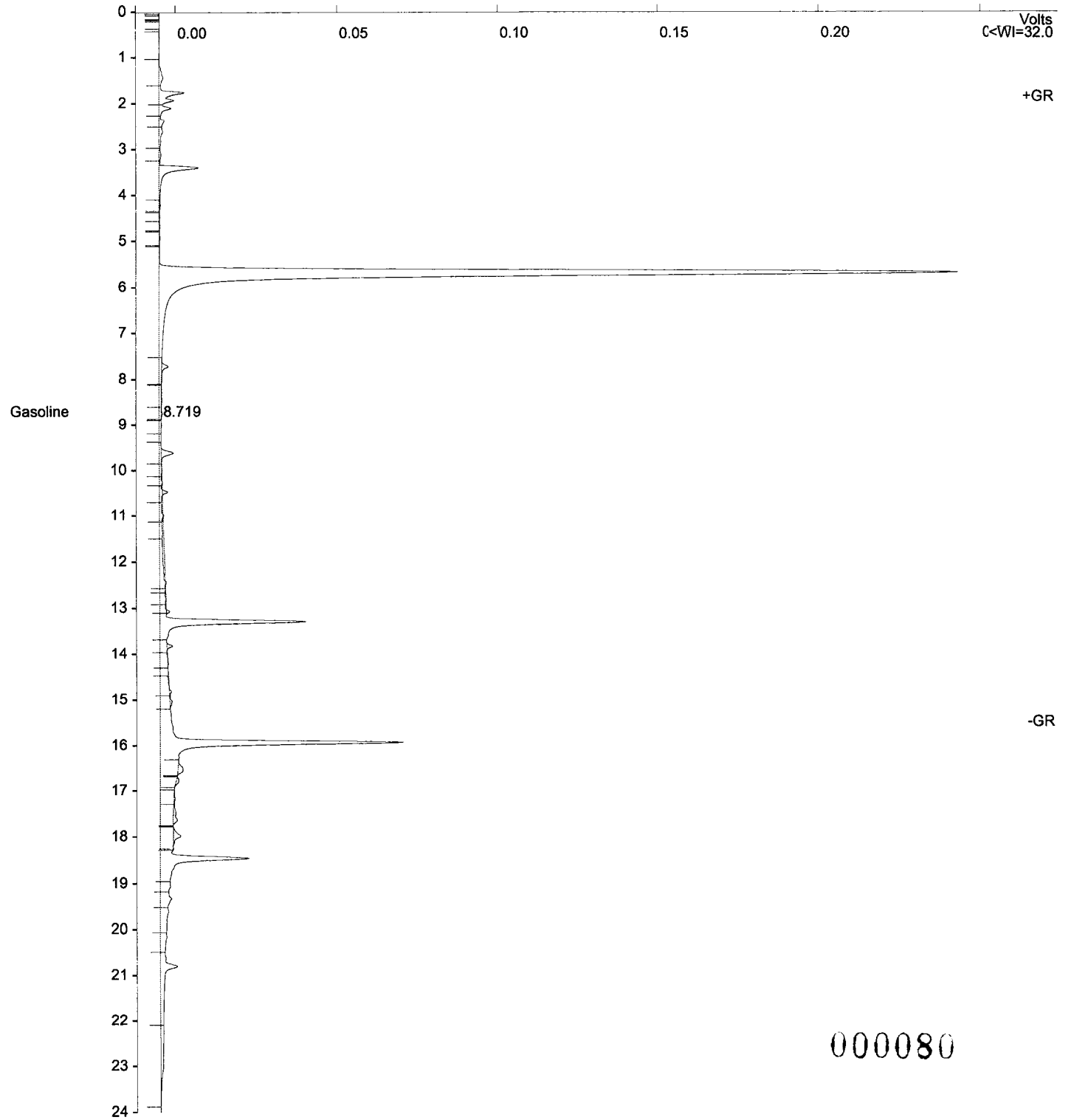
Injection Date: 11/20/02 3:26 PM Calculation Date: 11/20/02 3:50 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 117 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000080

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102541-077-5.0

Injection Date: 11/20/02 3:26 PM Calculation Date: 11/20/02 3:50 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2099	8.719	0.001	348462	GR	0.0	
	Totals:	0.2099		0.001	348462			

Total Unidentified Counts : 203284 counts

Detected Peaks: 50 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4919 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102541-077-5.0

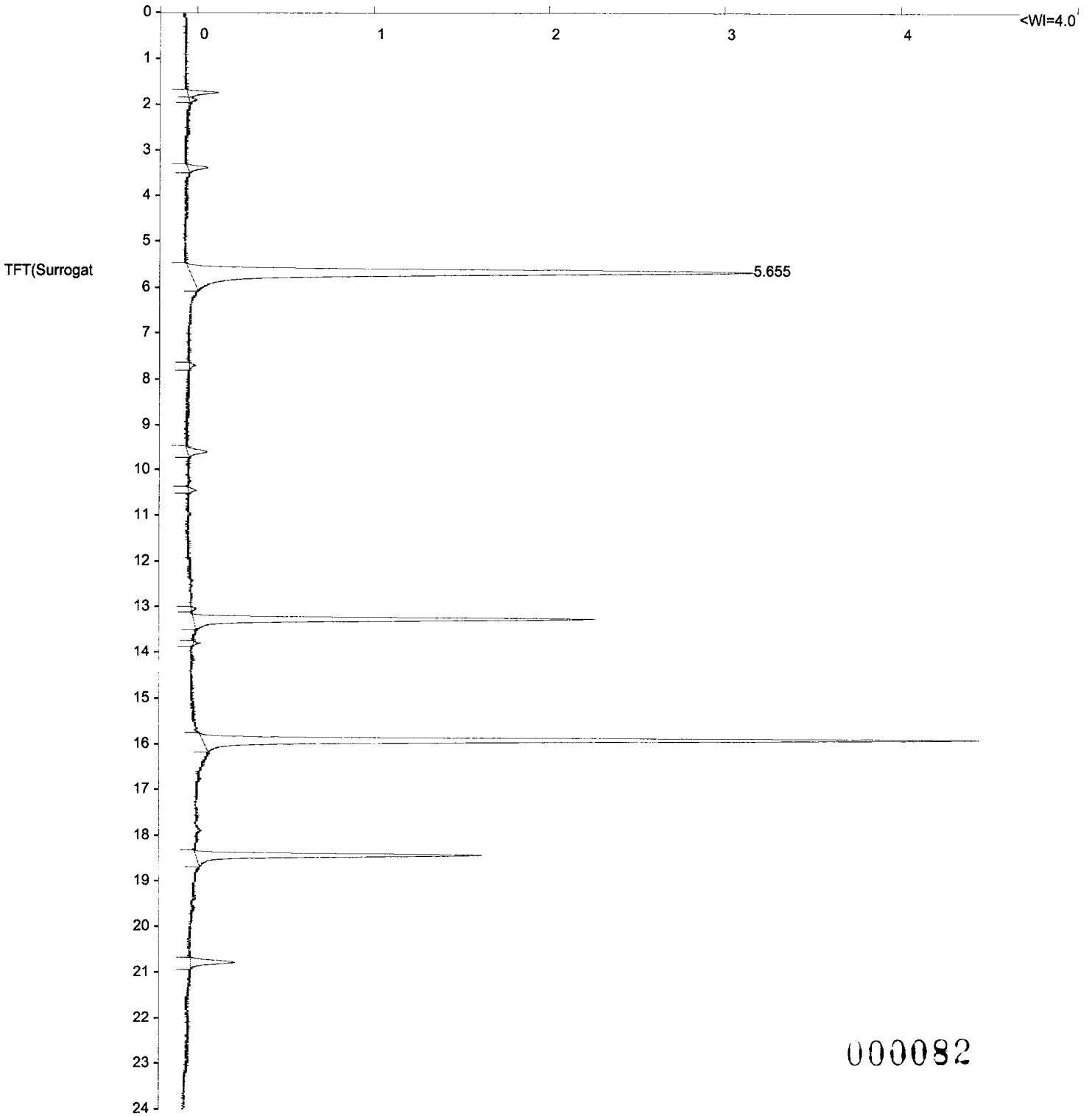
Injection Date: 11/20/02 3:26 PM Calculation Date: 11/20/02 3:50 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 2 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000082

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102541-077-5.0

Injection Date: 11/20/02 3:26 PM Calculation Date: 11/20/02 3:50 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2194	5.655	0.044	2733	BB	7.6	
	Totals:	0.2194		0.044	2733			

Total Unidentified Counts : 4561 counts

Detected Peaks: 13 Rejected Peaks: 9 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -69 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-082-50df

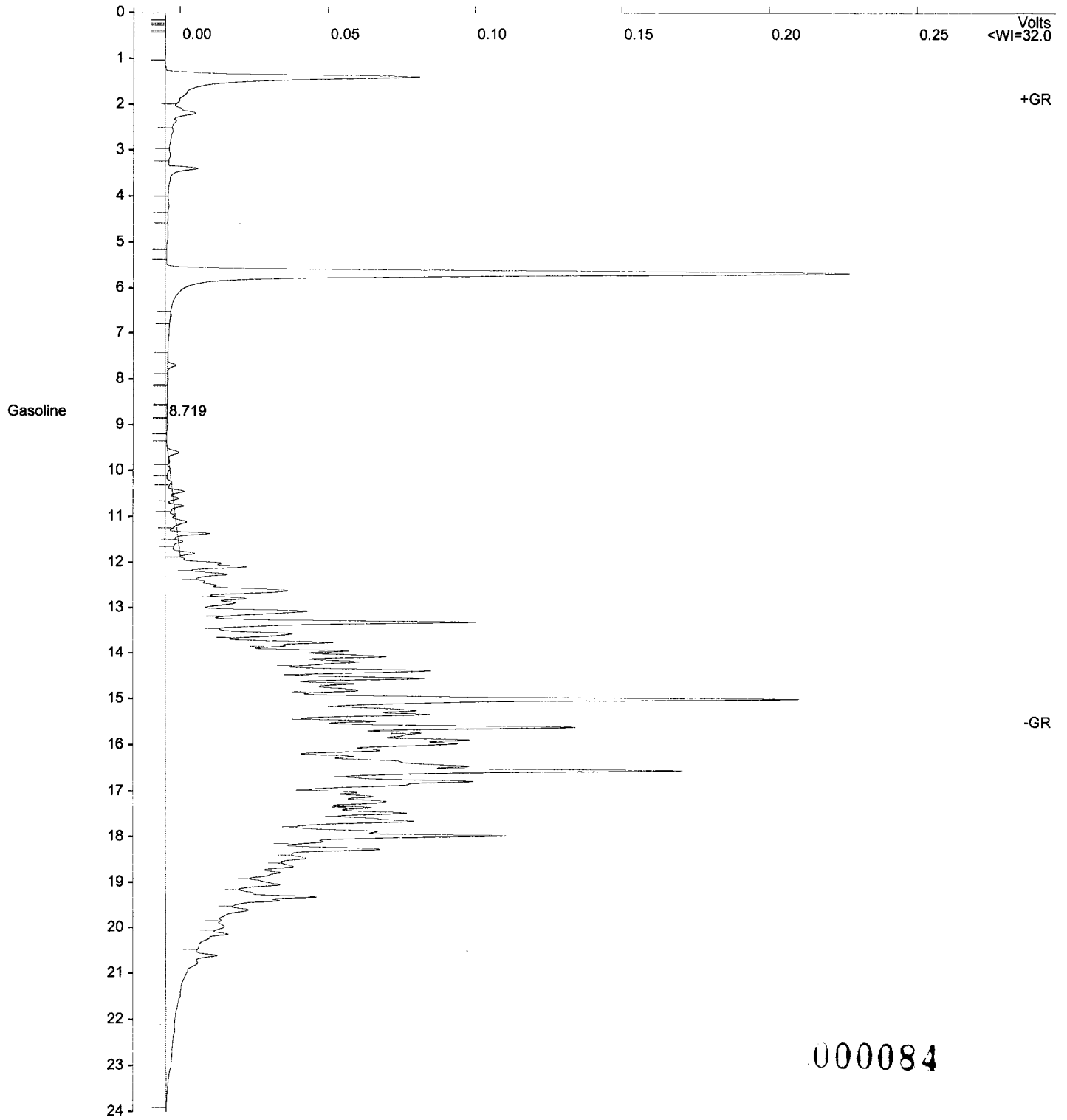
Injection Date: 11/20/02 4:06 PM Calculation Date: 11/20/02 4:30 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000084

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-082-50df

Injection Date: 11/20/02 4:06 PM Calculation Date: 11/20/02 4:30 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.7826	8.719	0.001	1299208	GR	0.0	
	Totals:	0.7826		0.001	1299208			

Total Unidentified Counts : 1795606 counts

Detected Peaks: 60 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4959 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-082-50df

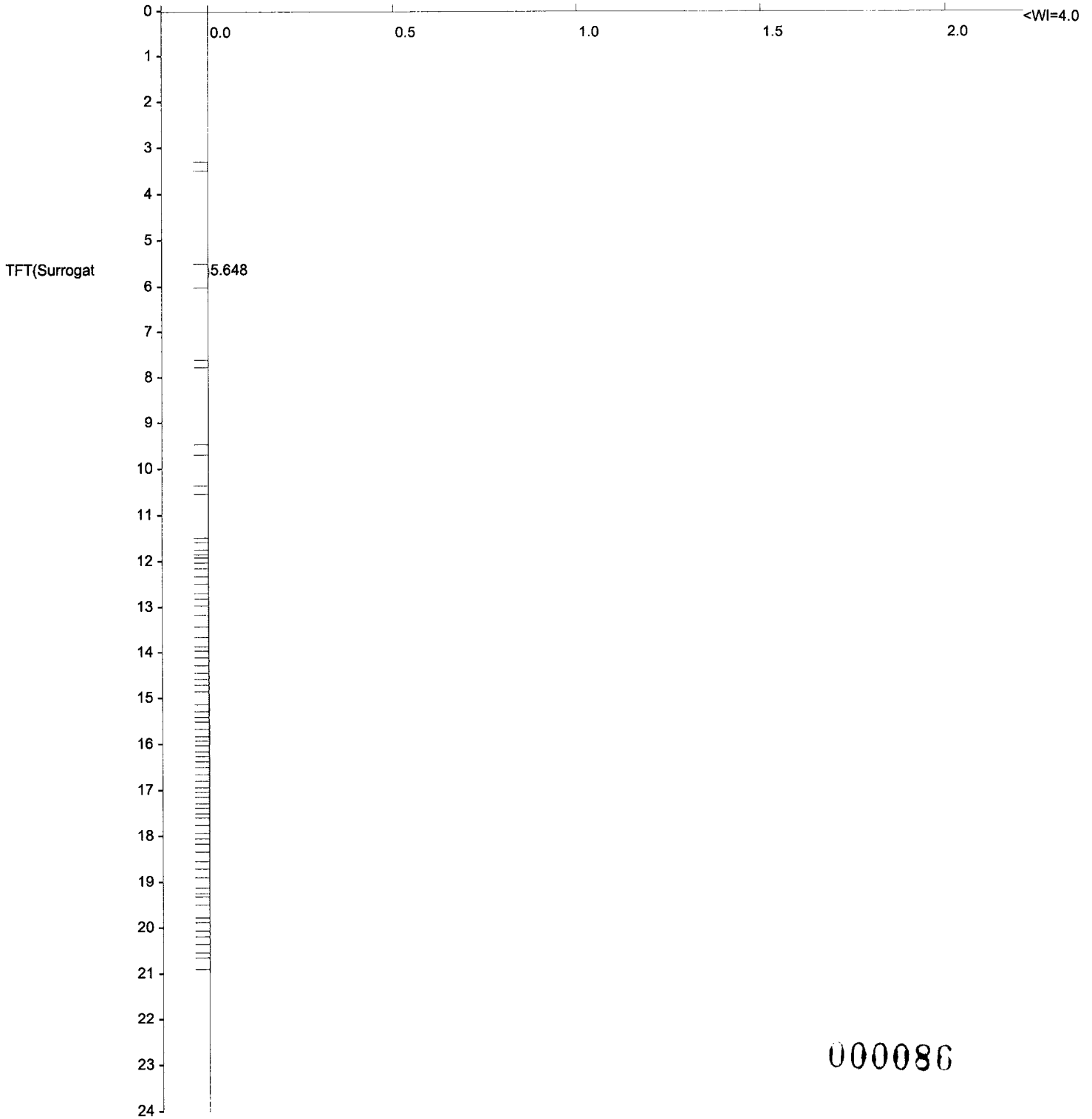
Injection Date: 11/20/02 4:06 PM Calculation Date: 11/20/02 4:30 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-082-50df

Injection Date: 11/20/02 4:06 PM Calculation Date: 11/20/02 4:30 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1984	5.648	0.037	2471	BB	7.5	
	Totals:	0.1984		0.037	2471			

Total Unidentified Counts : 19344 counts

Detected Peaks: 65 Rejected Peaks: 46 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -69 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-074-5.0

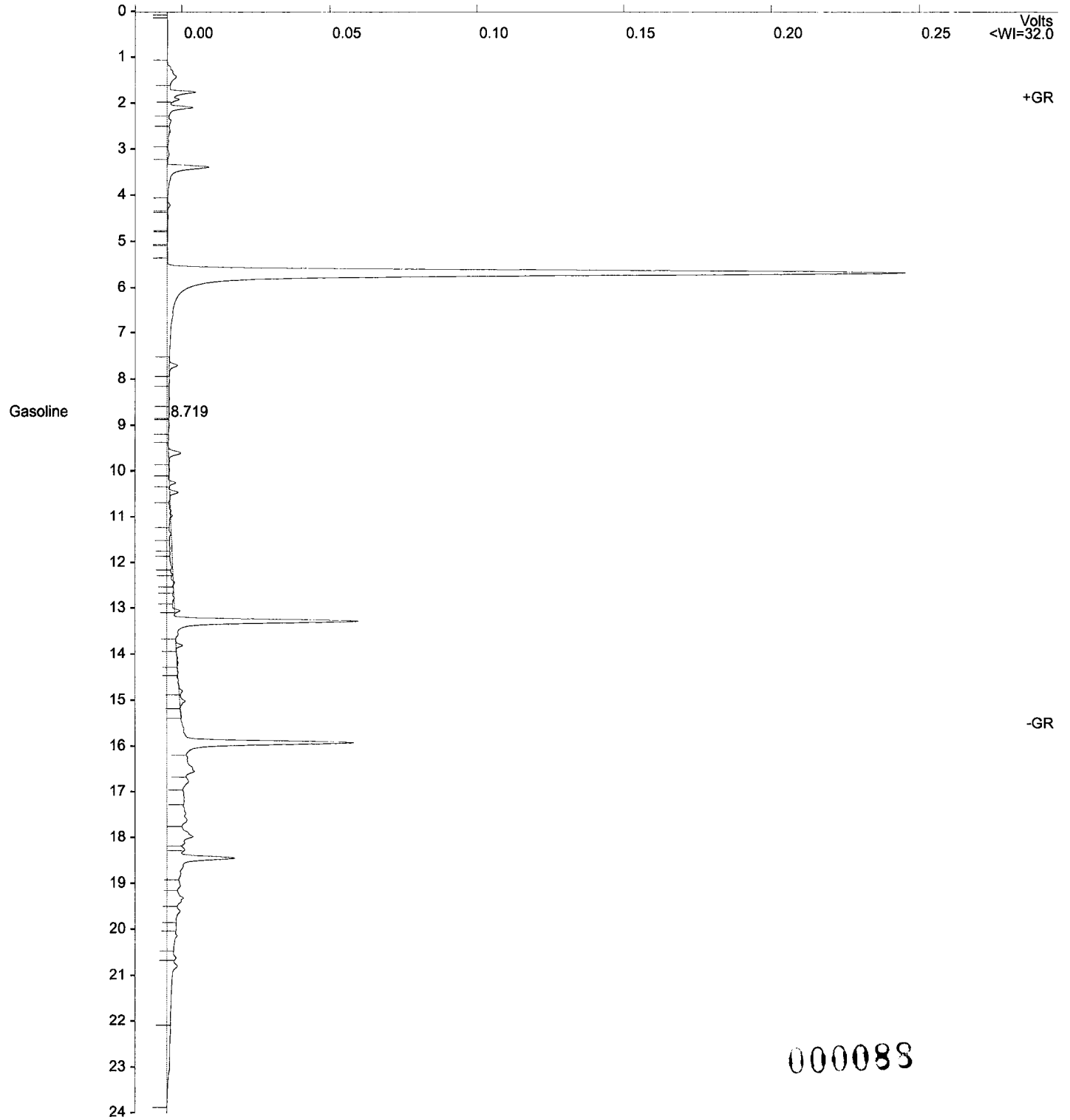
Injection Date: 11/20/02 4:45 PM Calculation Date: 11/20/02 5:09 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000088

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-074-5.0

Injection Date: 11/20/02 4:45 PM Calculation Date: 11/20/02 5:09 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2390	8.719	0.001	396862	GR	0.0	
	Totals:	0.2390		0.001	396862			

Total Unidentified Counts : 238695 counts

Detected Peaks: 54 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4839 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-074-5.0

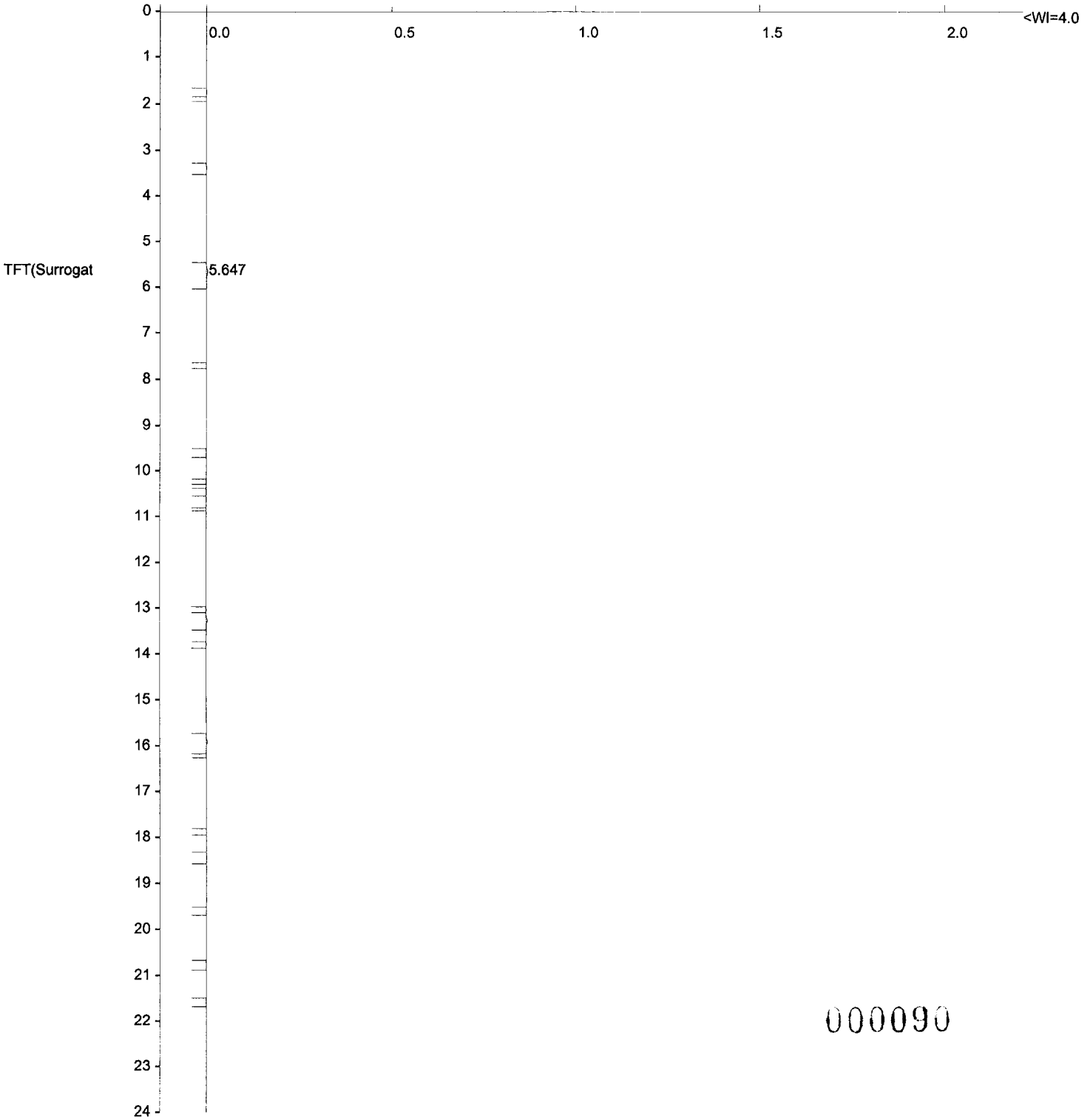
Injection Date: 11/20/02 4:45 PM Calculation Date: 11/20/02 5:09 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000090

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-074-5.0

Injection Date: 11/20/02 4:45 PM Calculation Date: 11/20/02 5:09 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2203	5.647	0.036	2743	BB	7.7	C
	Totals:	0.2203		0.036	2743			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 3732 counts

Detected Peaks: 19 Rejected Peaks: 16 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 0 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-075-5.0

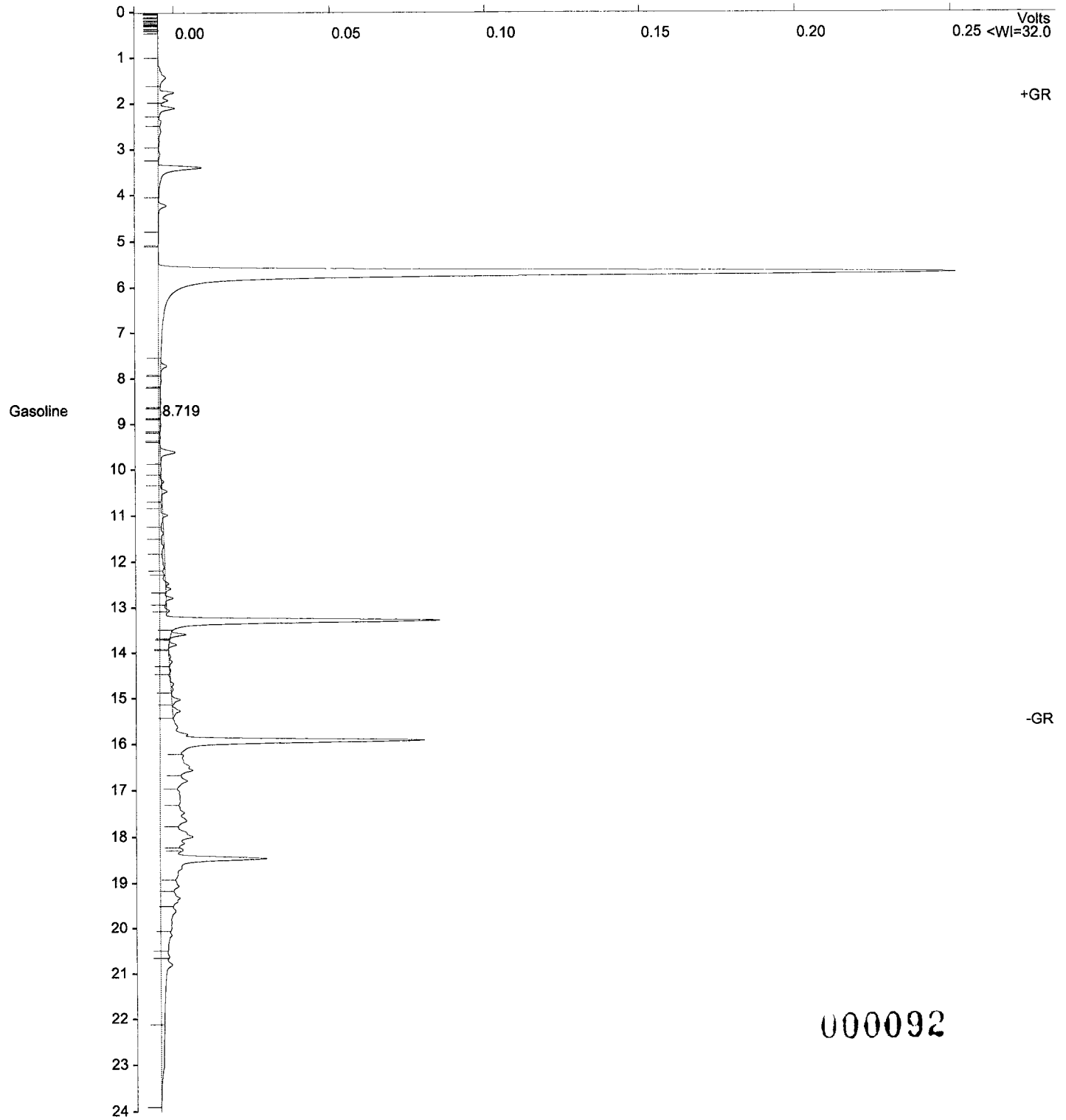
Injection Date: 11/20/02 5:25 PM Calculation Date: 11/20/02 5:50 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 121 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000092

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-075-5.0

Injection Date: 11/20/02 5:25 PM Calculation Date: 11/20/02 5:50 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2478	8.719	0.001	411463	GR	0.0	
	Totals:	0.2478		0.001	411463			

Total Unidentified Counts : 272375 counts

Detected Peaks: 66 Rejected Peaks: 14 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4929 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-075-5.0

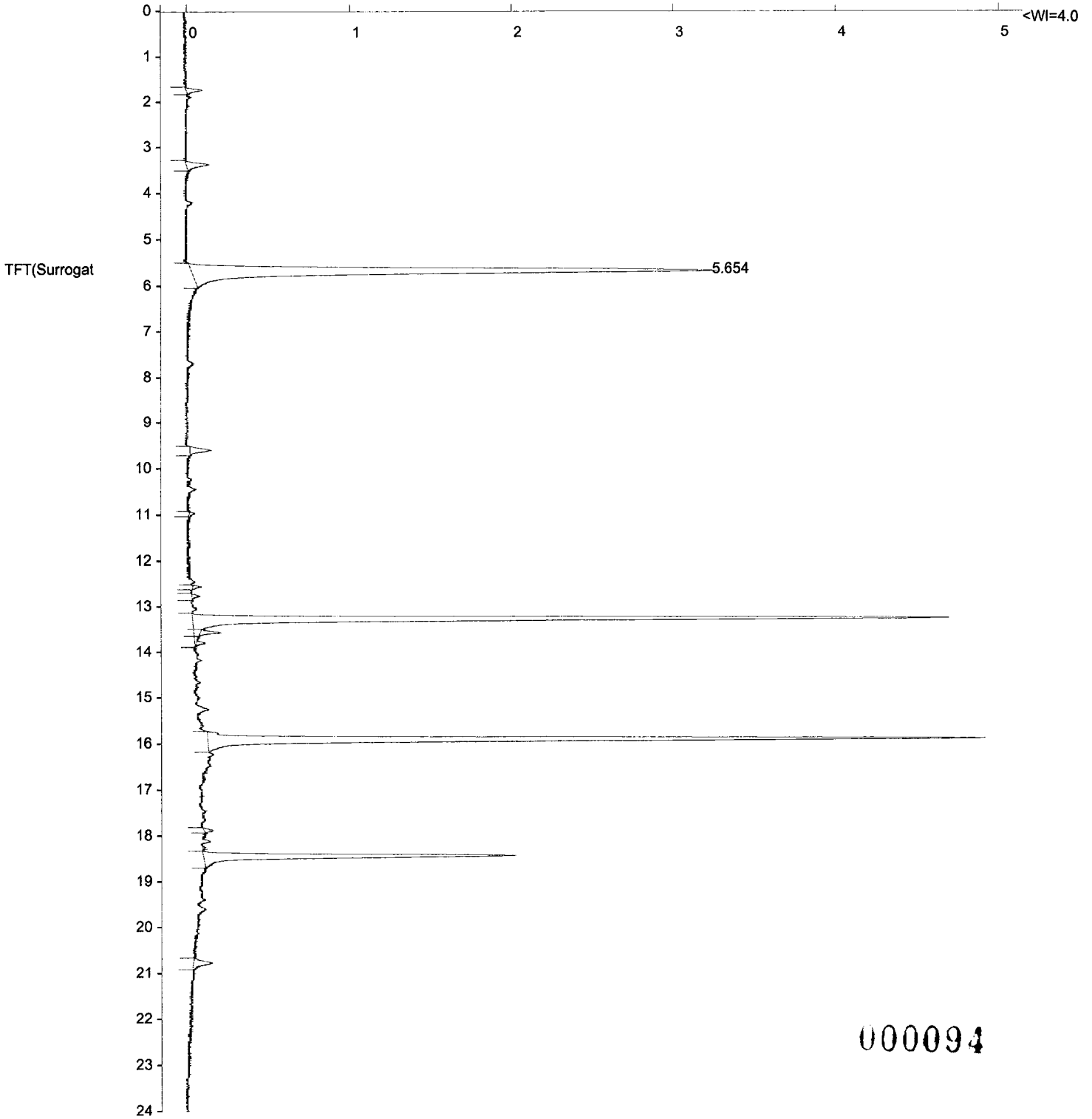
Injection Date: 11/20/02 5:25 PM Calculation Date: 11/20/02 5:50 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 2 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000094

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-075-5.0

Injection Date: 11/20/02 5:25 PM Calculation Date: 11/20/02 5:50 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2191	5.654	0.043	2728	BB	7.6	
	Totals:	0.2191		0.043	2728			

Total Unidentified Counts : 6364 counts

Detected Peaks: 14 Rejected Peaks: 10 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 0 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1010.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-076-5.0

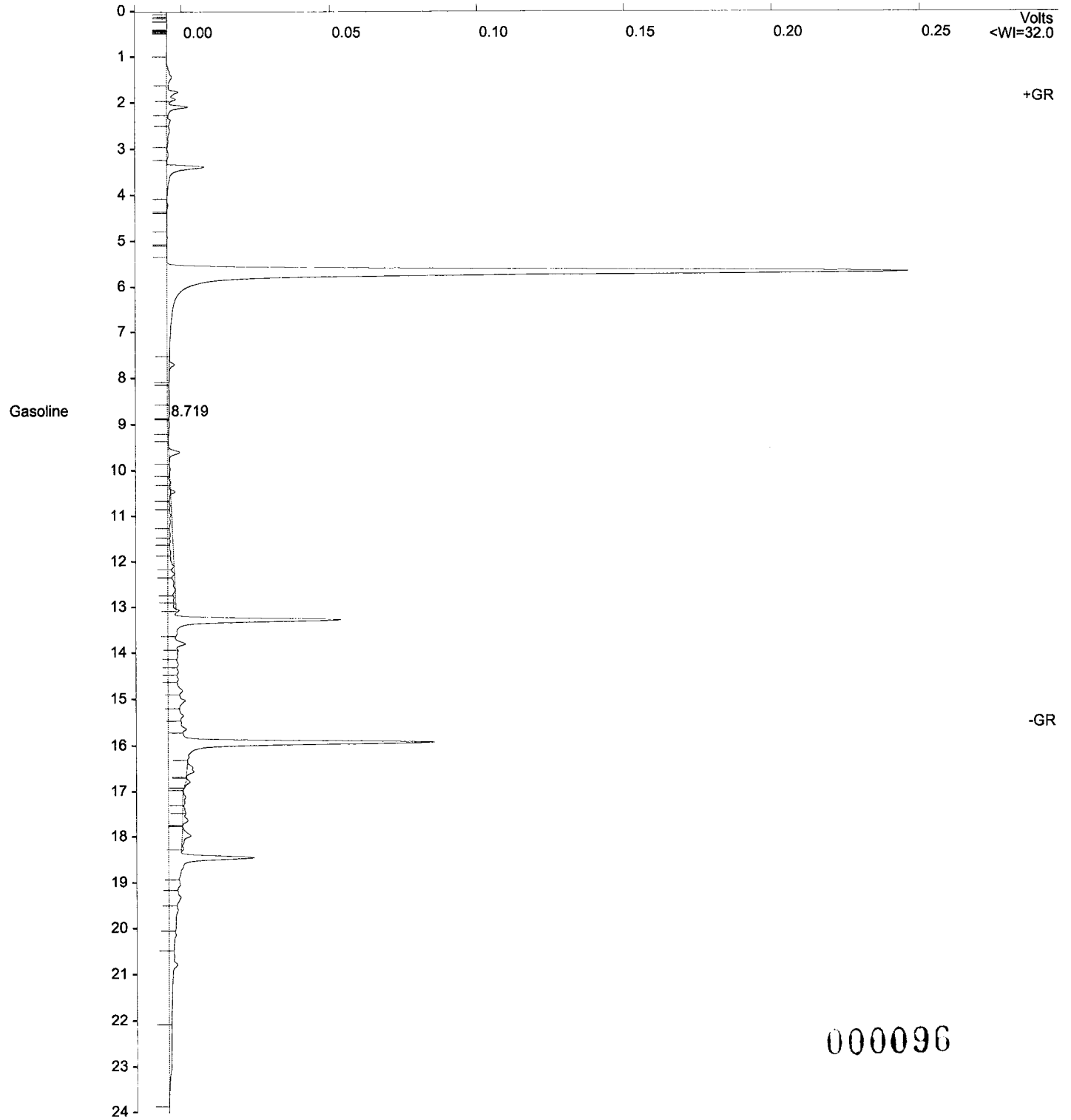
Injection Date: 11/20/02 6:05 PM Calculation Date: 11/20/02 6:29 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000096

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1010.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-076-5.0

Injection Date: 11/20/02 6:05 PM Calculation Date: 11/20/02 6:29 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2307	8.719	0.001	383066	GR	0.0	
	Totals:	0.2307		0.001	383066			

Total Unidentified Counts : 226165 counts

Detected Peaks: 61 Rejected Peaks: 10 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4859 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1010.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-076-5.0

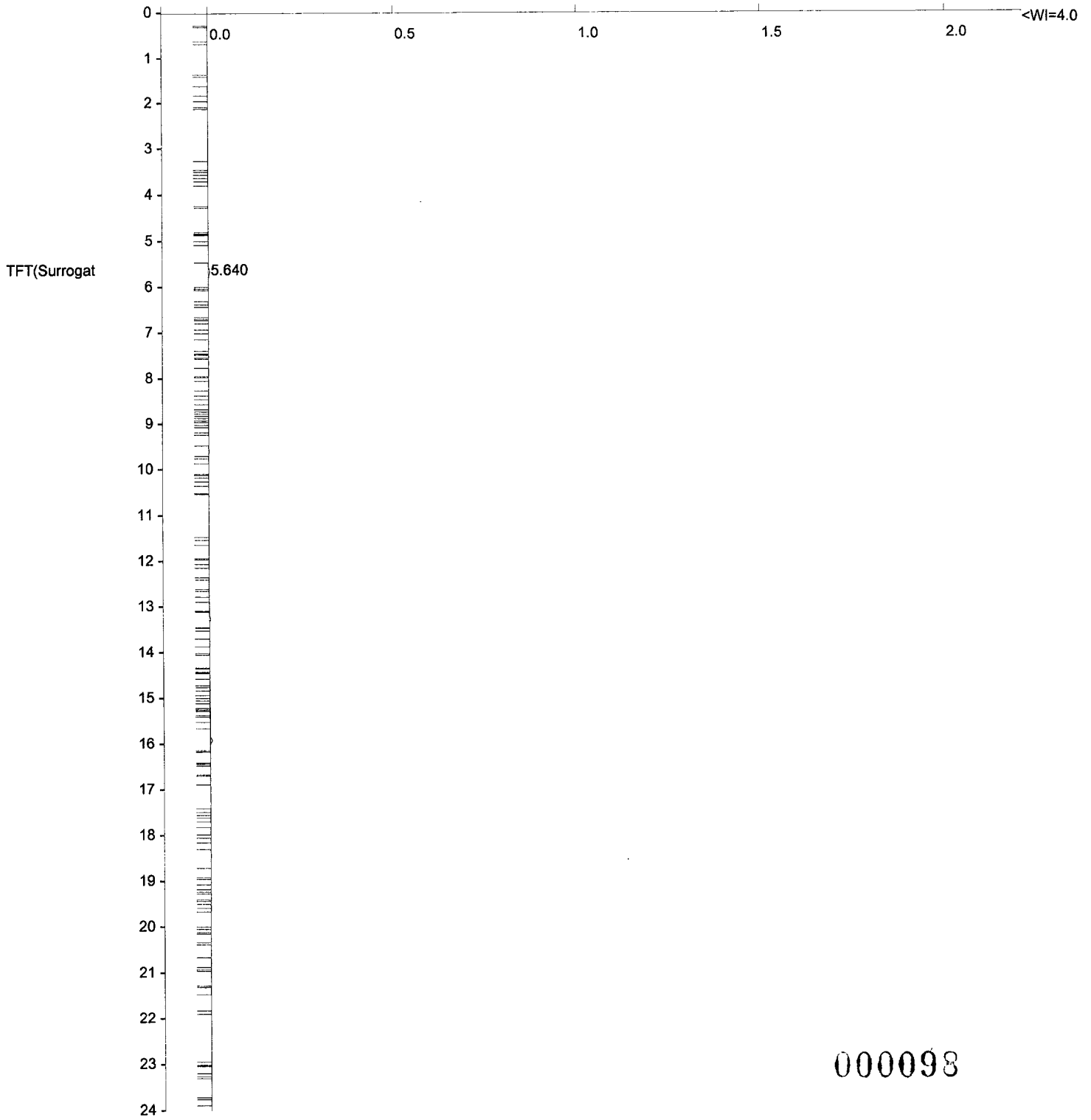
Injection Date: 11/20/02 6:05 PM Calculation Date: 11/20/02 6:29 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000098

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1010.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-076-5.0

Injection Date: 11/20/02 6:05 PM Calculation Date: 11/20/02 6:29 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2180	5.640	0.029	2715	BB	7.6	
	Totals:	0.2180		0.029	2715			

Total Unidentified Counts : 5290 counts

Detected Peaks: 125 Rejected Peaks: 121 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -9 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

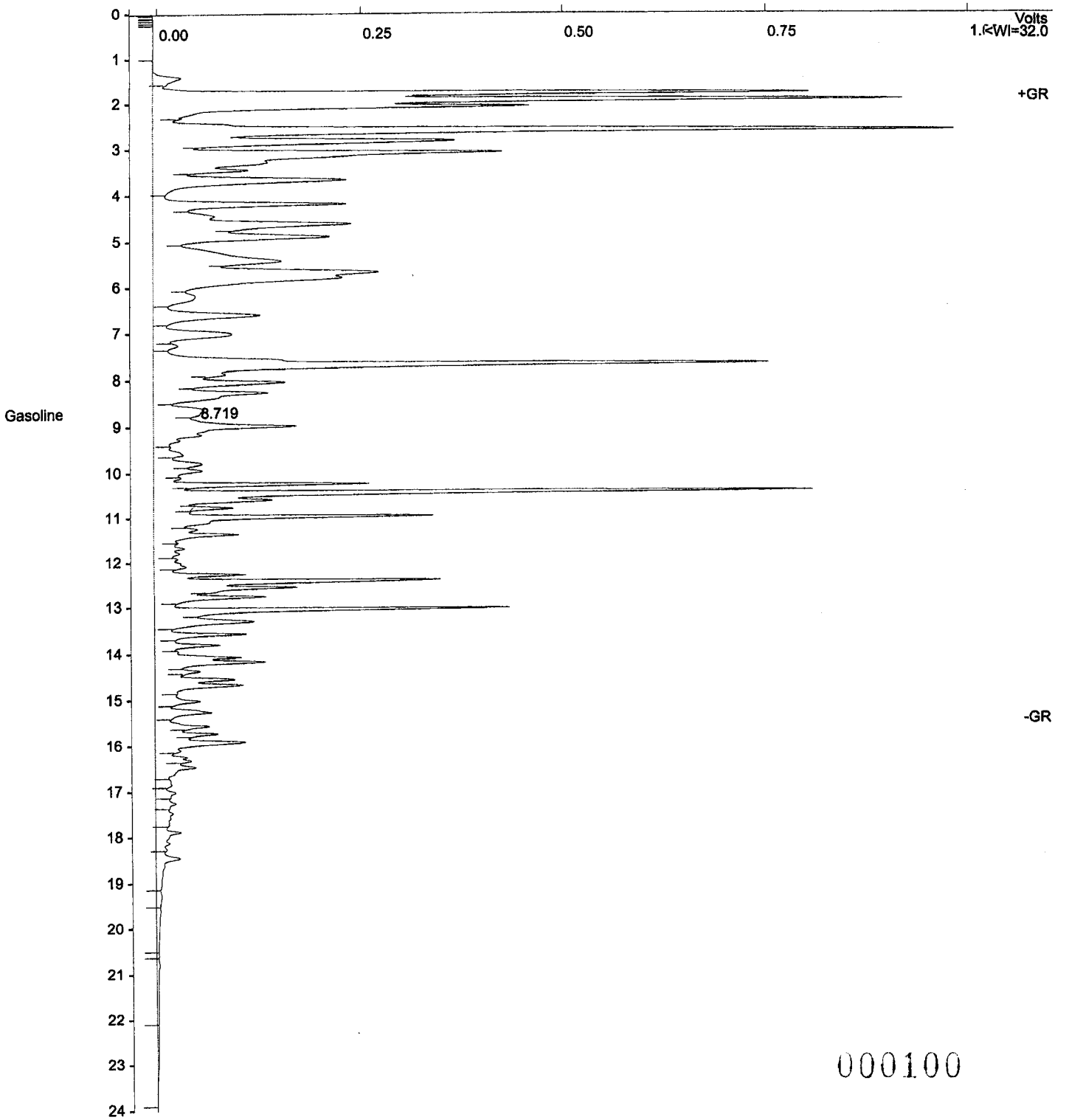
Injection Date: 11/20/02 6:44 PM Calculation Date: 11/20/02 7:08 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 466 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000100

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/20/02 6:44 PM Calculation Date: 11/20/02 7:08 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.1697	8.719	0.001	8582804	GR	0.0	
	Totals:	5.1697		0.001	8582804			

Total Unidentified Counts : 1090648 counts

Detected Peaks: 63 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4879 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

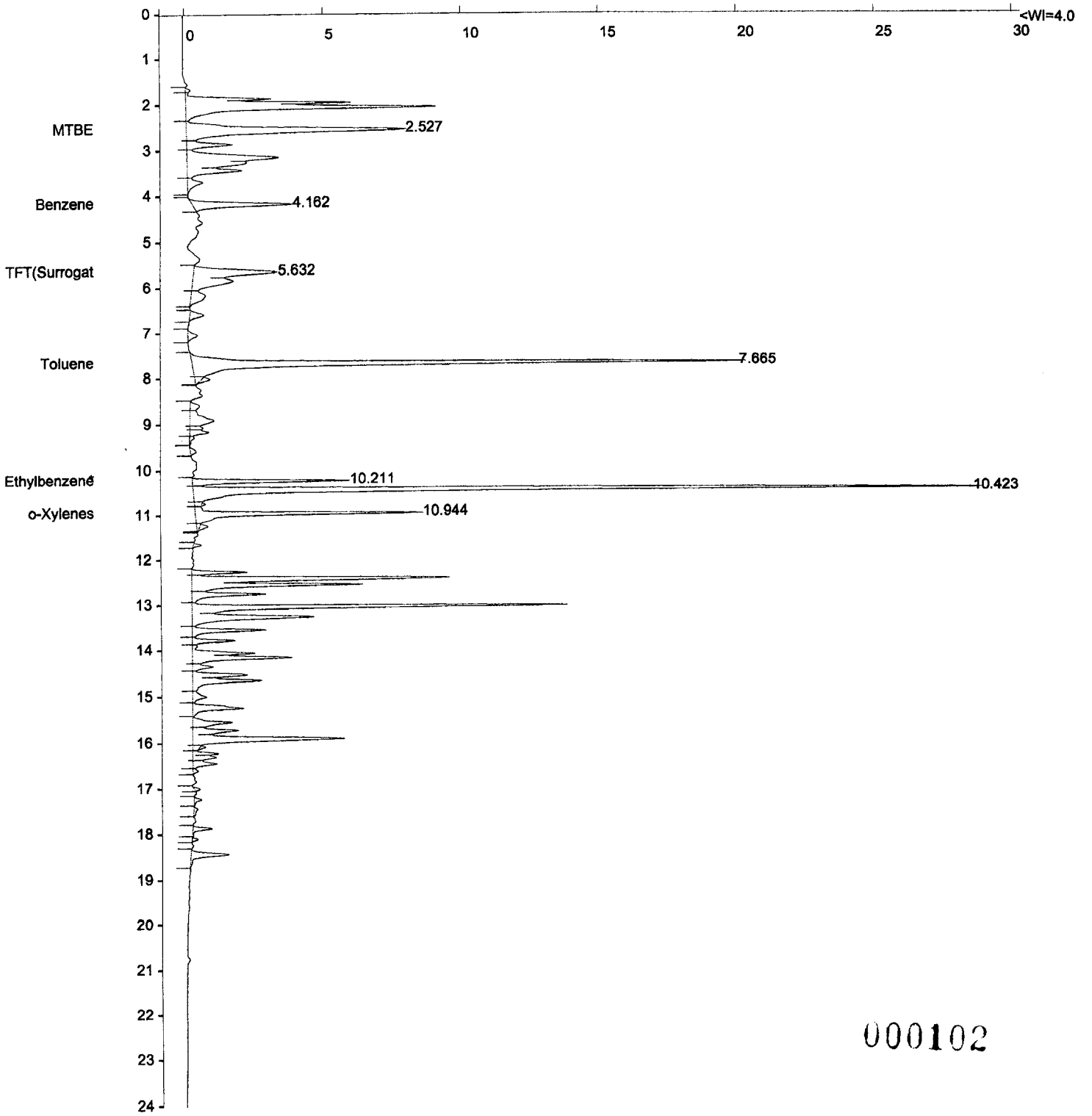
Injection Date: 11/20/02 6:44 PM Calculation Date: 11/20/02 7:08 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 13 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000102

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/20/02 6:44 PM Calculation Date: 11/20/02 7:08 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.527	0.000	6688	VV	7.1	
2	Benzene	0.0000	4.162	-0.012	2181	BB	5.8	
3	TFT(Surrogat	0.2139	5.632	0.021	2663	BV	8.5	
4	Toluene	0.0000	7.665	0.007	12400	BB	4.9	
5	Ethylbenzene	0.0000	10.211	0.001	2543	BV	4.1	
6	p,m-Xylenes	0.0000	10.423	0.013	13836	VV	4.1	
7	o-Xylenes	0.0000	10.944	0.009	4117	VB	4.0	
	Totals:	0.2139		0.039	44428			

Total Unidentified Counts : 49152 counts

Detected Peaks: 59 Rejected Peaks: 29 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-078-5.0

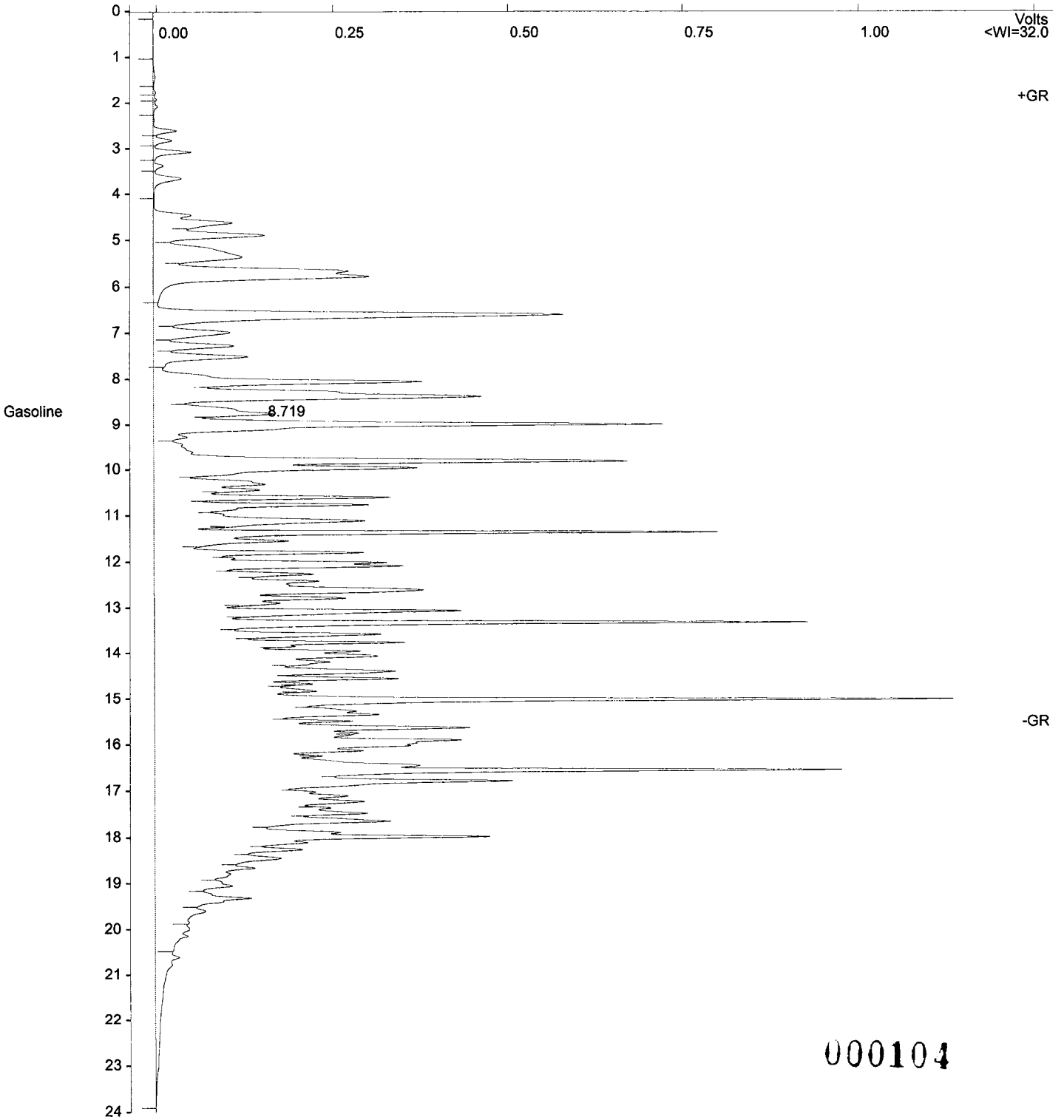
Injection Date: 11/20/02 7:24 PM Calculation Date: 11/20/02 7:48 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 538 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000104

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-078-5.0

Injection Date: 11/20/02 7:24 PM Calculation Date: 11/20/02 7:48 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	7.0415	8.719	0.001	11690426	GR	0.0	
	Totals:	7.0415		0.001	11690426			

Total Unidentified Counts : 6125315 counts

Detected Peaks: 59 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4679 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-078-5.0

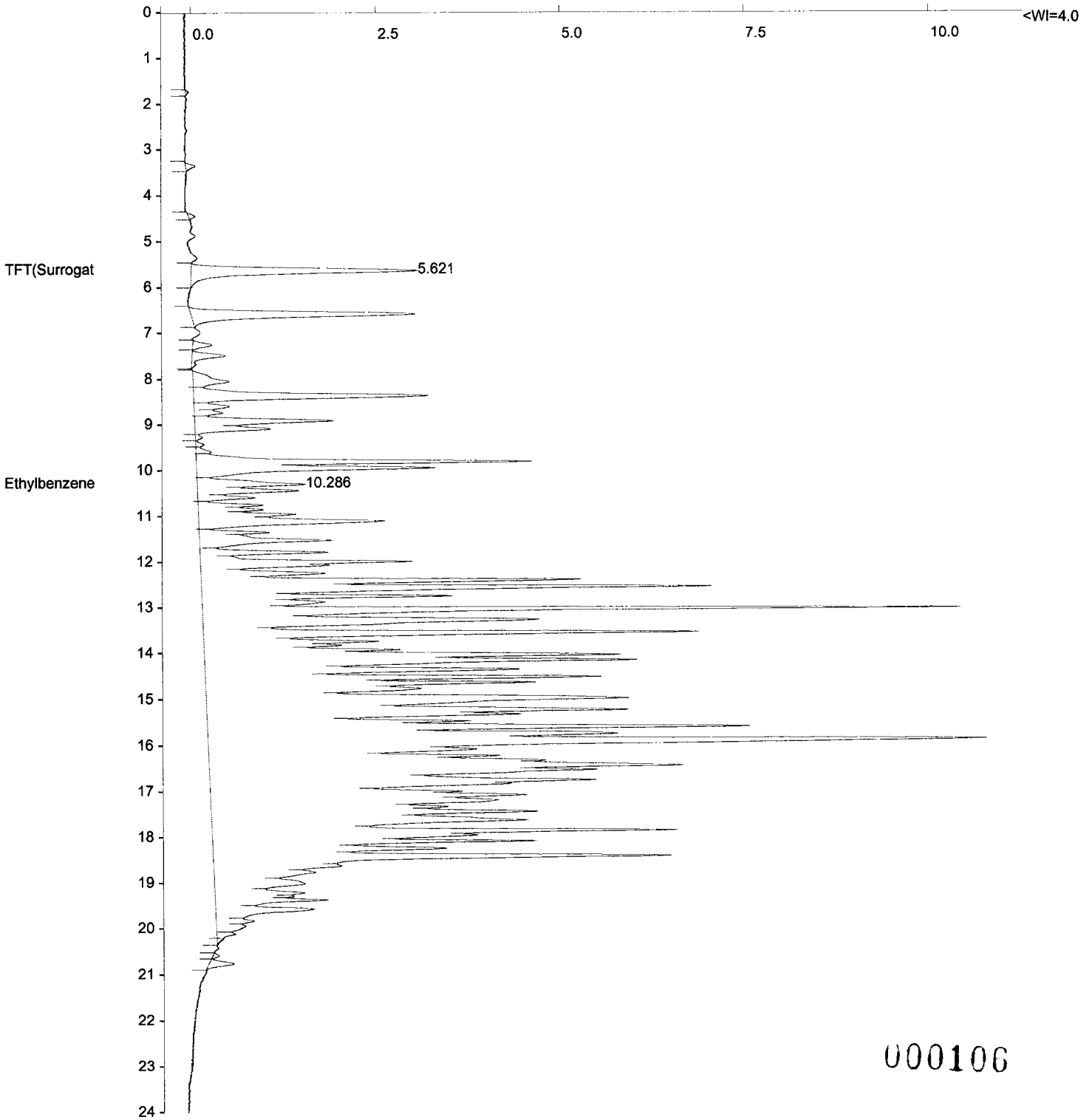
Injection Date: 11/20/02 7:24 PM Calculation Date: 11/20/02 7:48 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 5 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000106

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-078-5.0

Injection Date: 11/20/02 7:24 PM Calculation Date: 11/20/02 7:48 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2110	5.621	0.010	2628	BB	7.7	
2	Ethylbenzene	0.0000	10.286	0.076	1071	VV	7.9	
	Totals:	0.2110		0.086	3699			

Total Unidentified Counts : 157790 counts

Detected Peaks: 85 Rejected Peaks: 26 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-079-5.0

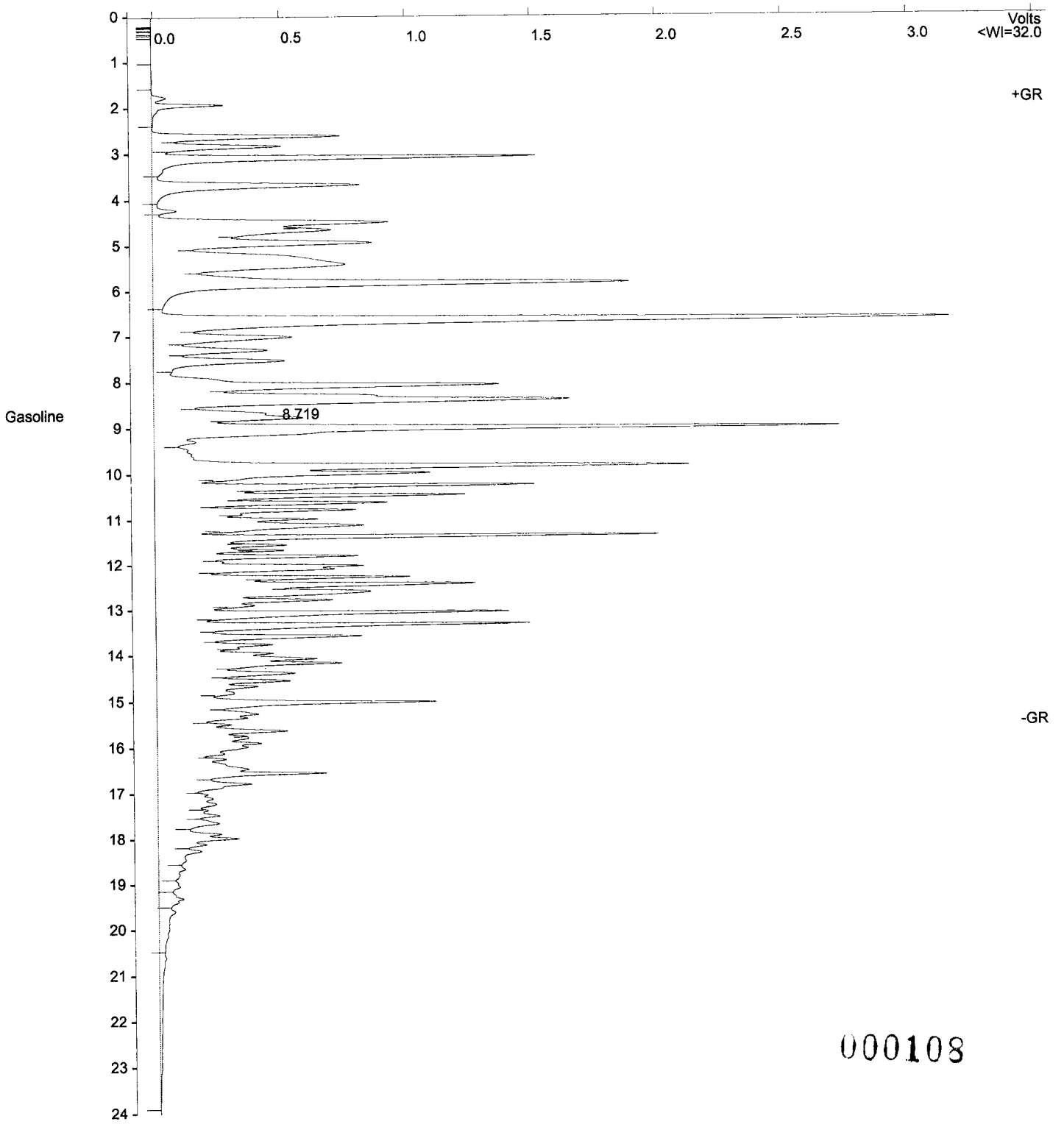
Injection Date: 11/20/02 8:03 PM Calculation Date: 11/20/02 8:27 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1498 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000108

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-079-5.0

Injection Date: 11/20/02 8:03 PM Calculation Date: 11/20/02 8:27 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	22.8104	8.719	0.001	37870052	GR	0.0	C
	Totals:	22.8104		0.001	37870052			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 5323729 counts

Detected Peaks: 63 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4319 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-079-5.0

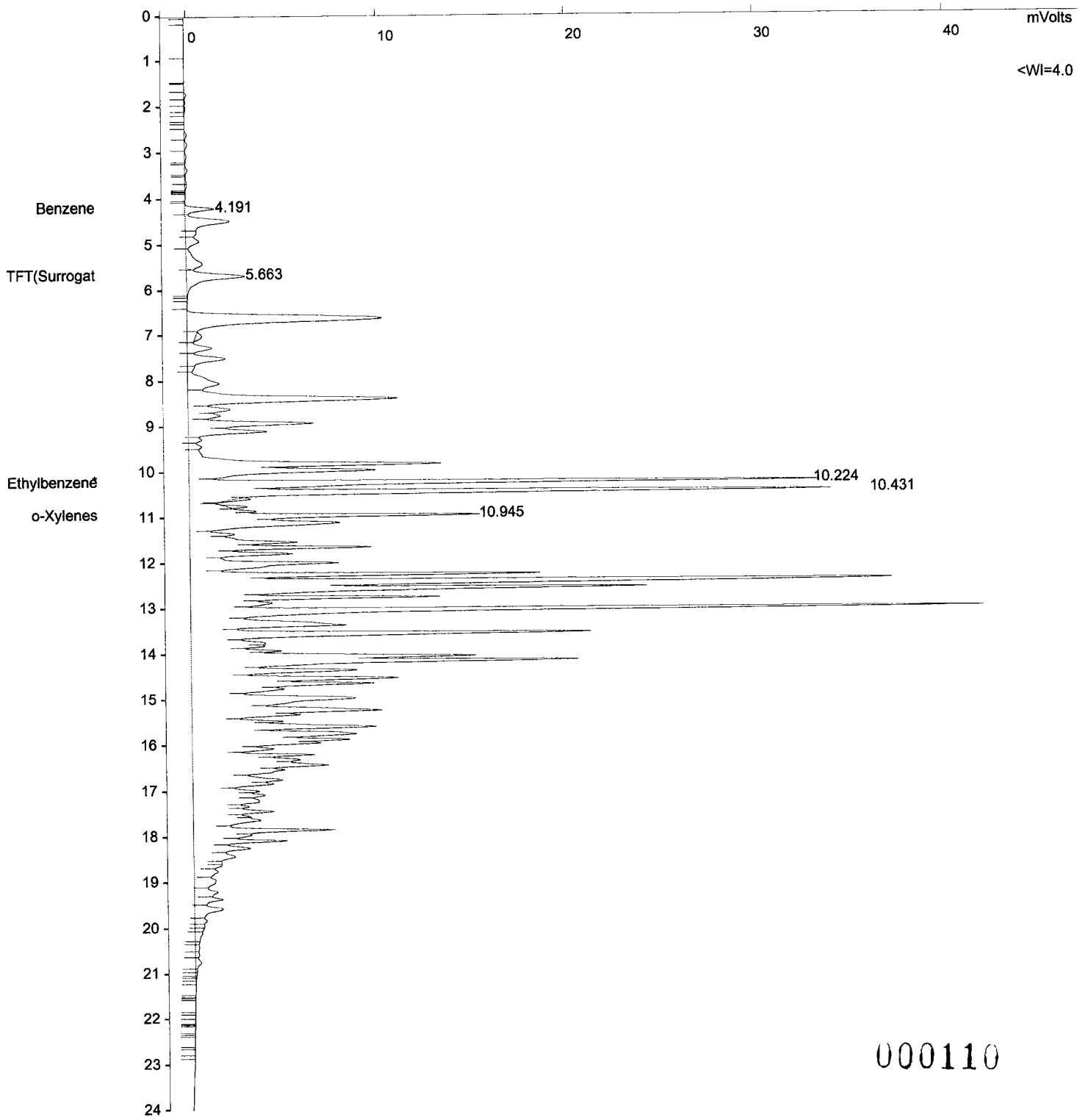
Injection Date: 11/20/02 8:03 PM Calculation Date: 11/20/02 8:27 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 19 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-079-5.0

Injection Date: 11/20/02 8:03 PM Calculation Date: 11/20/02 8:27 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.191	0.017	810	PV	4.7	
2	TFT(Surrogat	0.2448	5.663	0.052	3049	VB	8.1	C
3	Ethylbenzene	0.0000	10.224	0.014	17491	VV	4.3	
4	p,m-Xylenes	0.0000	10.431	0.021	20300	VV	4.6	
5	o-Xylenes	0.0000	10.945	0.010	7796	VV	4.4	
	Totals:	0.2448		0.114	49446			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 324836 counts

Detected Peaks: 130 Rejected Peaks: 56 Identified Peaks: 5

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -89 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-080-5.0

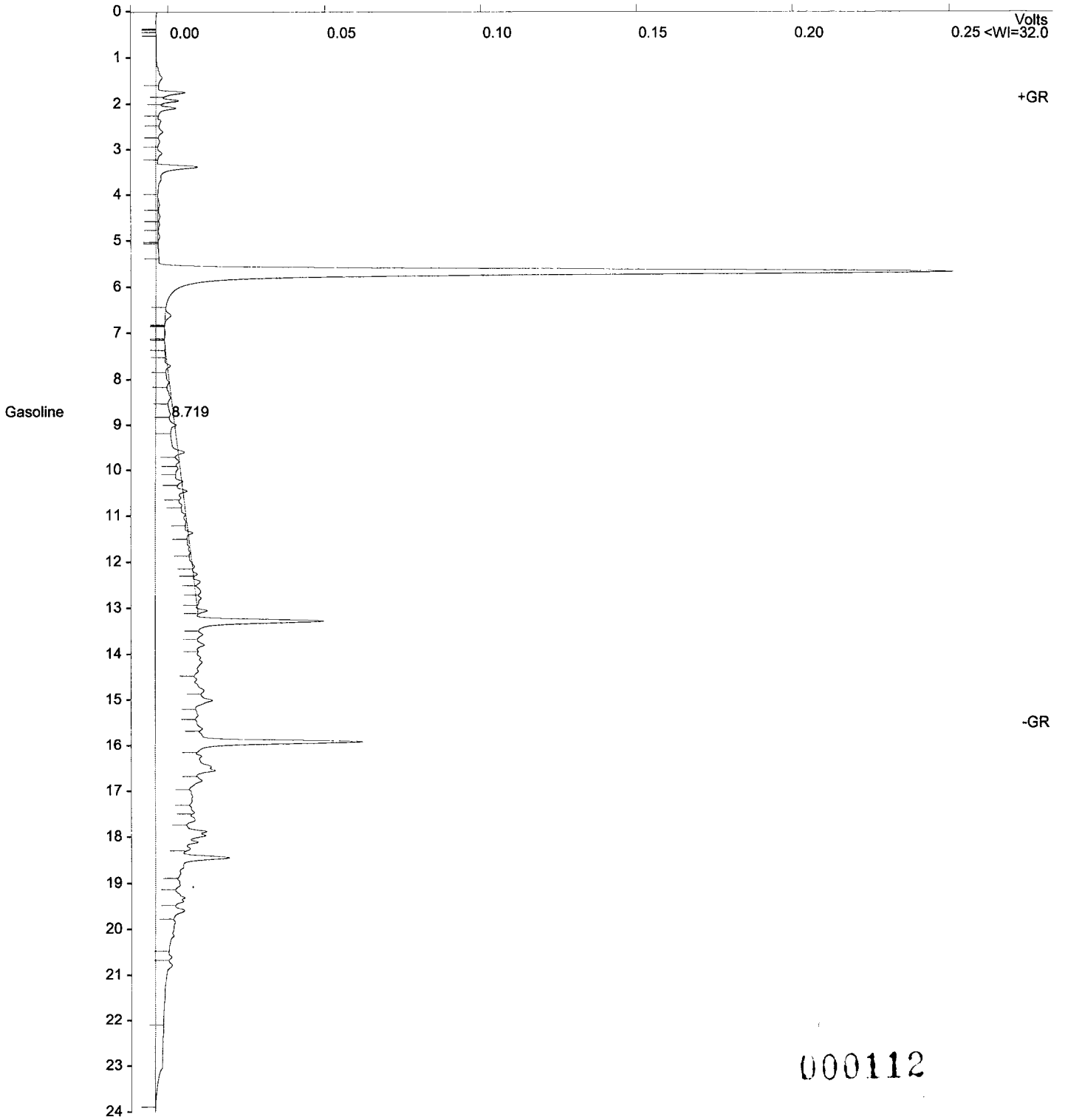
Injection Date: 11/20/02 8:43 PM Calculation Date: 11/20/02 9:07 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 120 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000112

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-080-5.0

Injection Date: 11/20/02 8:43 PM Calculation Date: 11/20/02 9:07 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.4726	8.719	0.001	784671	GR	0.0	
	Totals:	0.4726		0.001	784671			

Total Unidentified Counts : 411706 counts

Detected Peaks: 64 Rejected Peaks: 2 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -3499 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-080-5.0

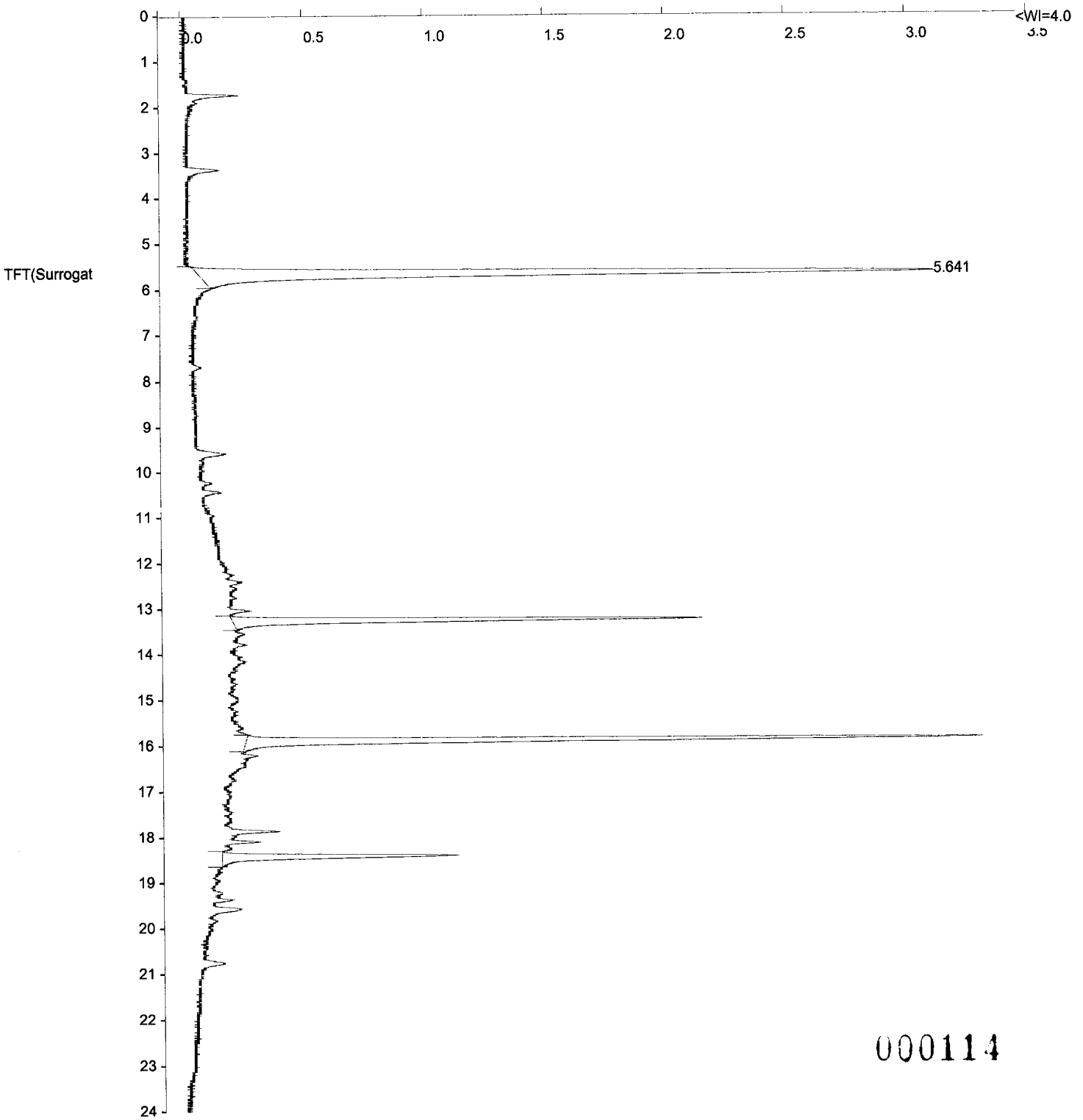
Injection Date: 11/20/02 8:43 PM Calculation Date: 11/20/02 9:07 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000114

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-080-5.0

Injection Date: 11/20/02 8:43 PM Calculation Date: 11/20/02 9:07 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2072	5.641	0.030	2580	BB	7.7	
	Totals:	0.2072		0.030	2580			

Total Unidentified Counts : 2741 counts

Detected Peaks: 4 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 10 microVolts

Noise (used): 140 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1015.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-081-5.0

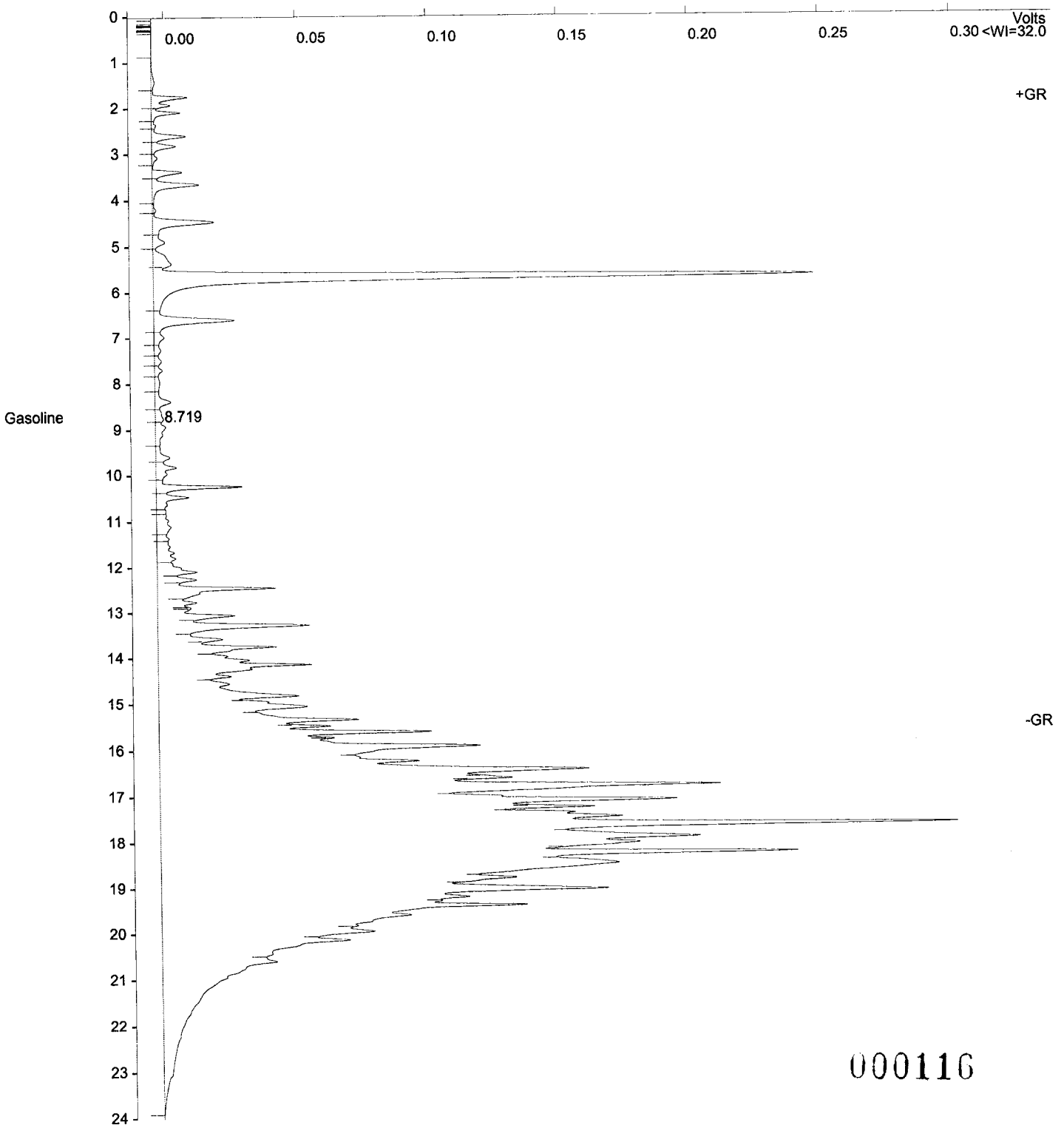
Injection Date: 11/20/02 9:22 PM Calculation Date: 11/20/02 9:46 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 144 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000116

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1015.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-081-5.0

Injection Date: 11/20/02 9:22 PM Calculation Date: 11/20/02 9:46 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.6211	8.719	0.001	1031159	GR	0.0	
	Totals:	0.6211		0.001	1031159			

Total Unidentified Counts : 3920727 counts

Detected Peaks: 66 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4419 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1015.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-081-5.0

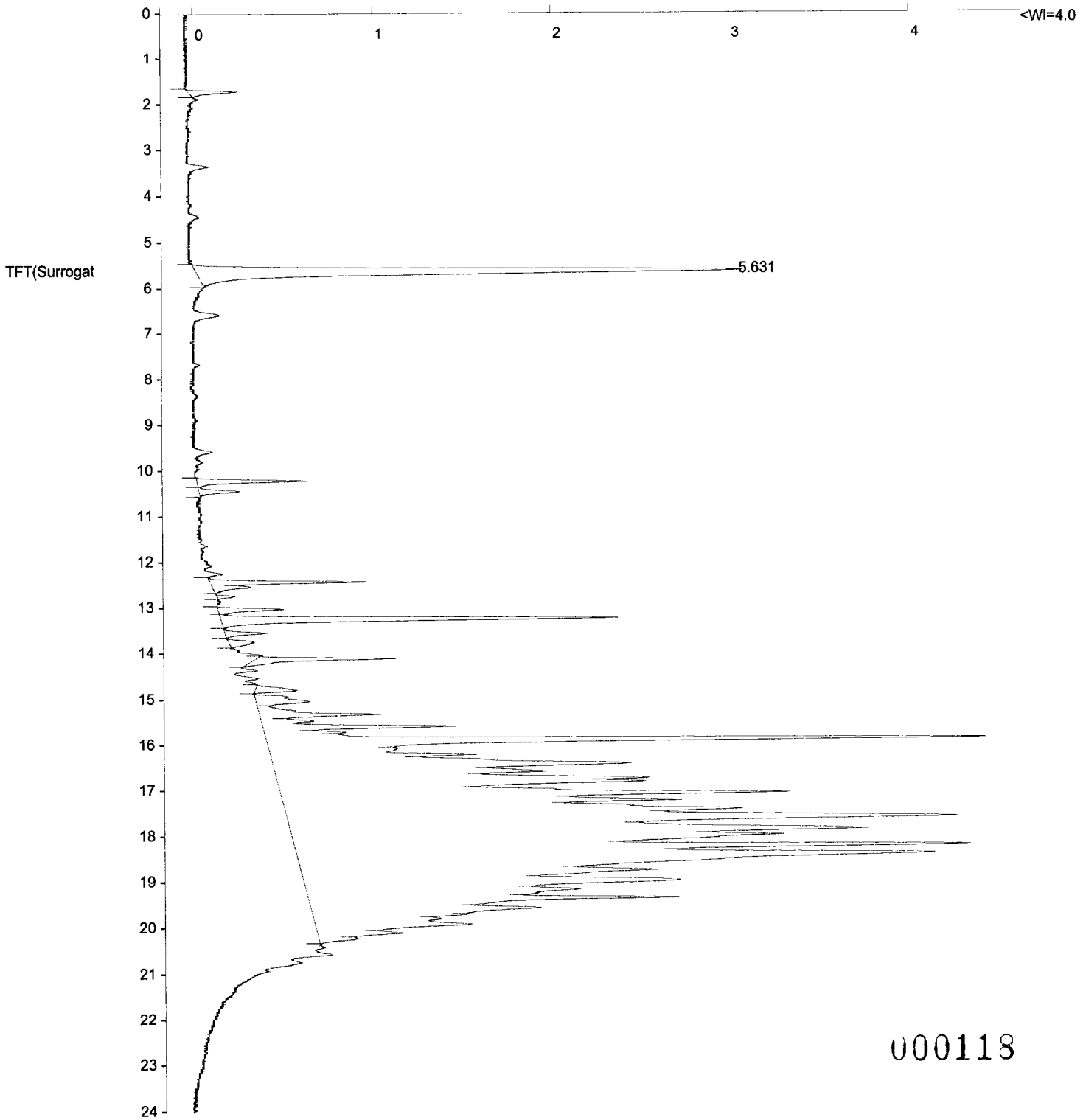
Injection Date: 11/20/02 9:22 PM Calculation Date: 11/20/02 9:46 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 2 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000118

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1015.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-081-5.0

Injection Date: 11/20/02 9:22 PM Calculation Date: 11/20/02 9:46 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2072	5.631	0.020	2580	BB	7.7	
	Totals:	0.2072		0.020	2580			

Total Unidentified Counts : 46156 counts

Detected Peaks: 41 Rejected Peaks: 19 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-083-5.0

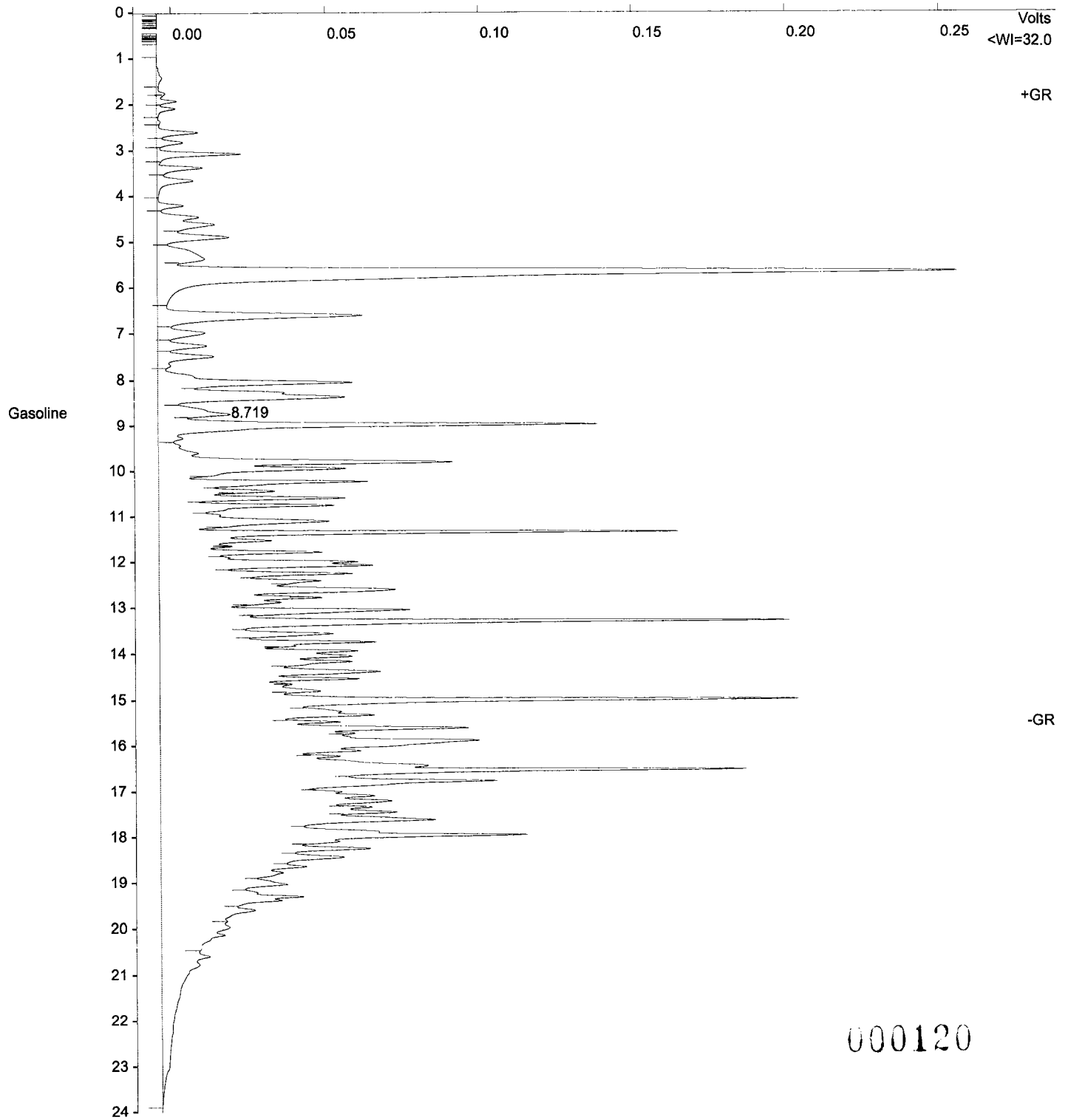
Injection Date: 11/20/02 10:02 PM Calculation Date: 11/20/02 10:26 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 123 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000120

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-083-5.0

Injection Date: 11/20/02 10:02 PM Calculation Date: 11/20/02 10:26 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	1.4730	8.719	0.001	2445494	GR	0.0	
	Totals:	1.4730		0.001	2445494			

Total Unidentified Counts : 1690683 counts

Detected Peaks: 75 Rejected Peaks: 14 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4409 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-083-5.0

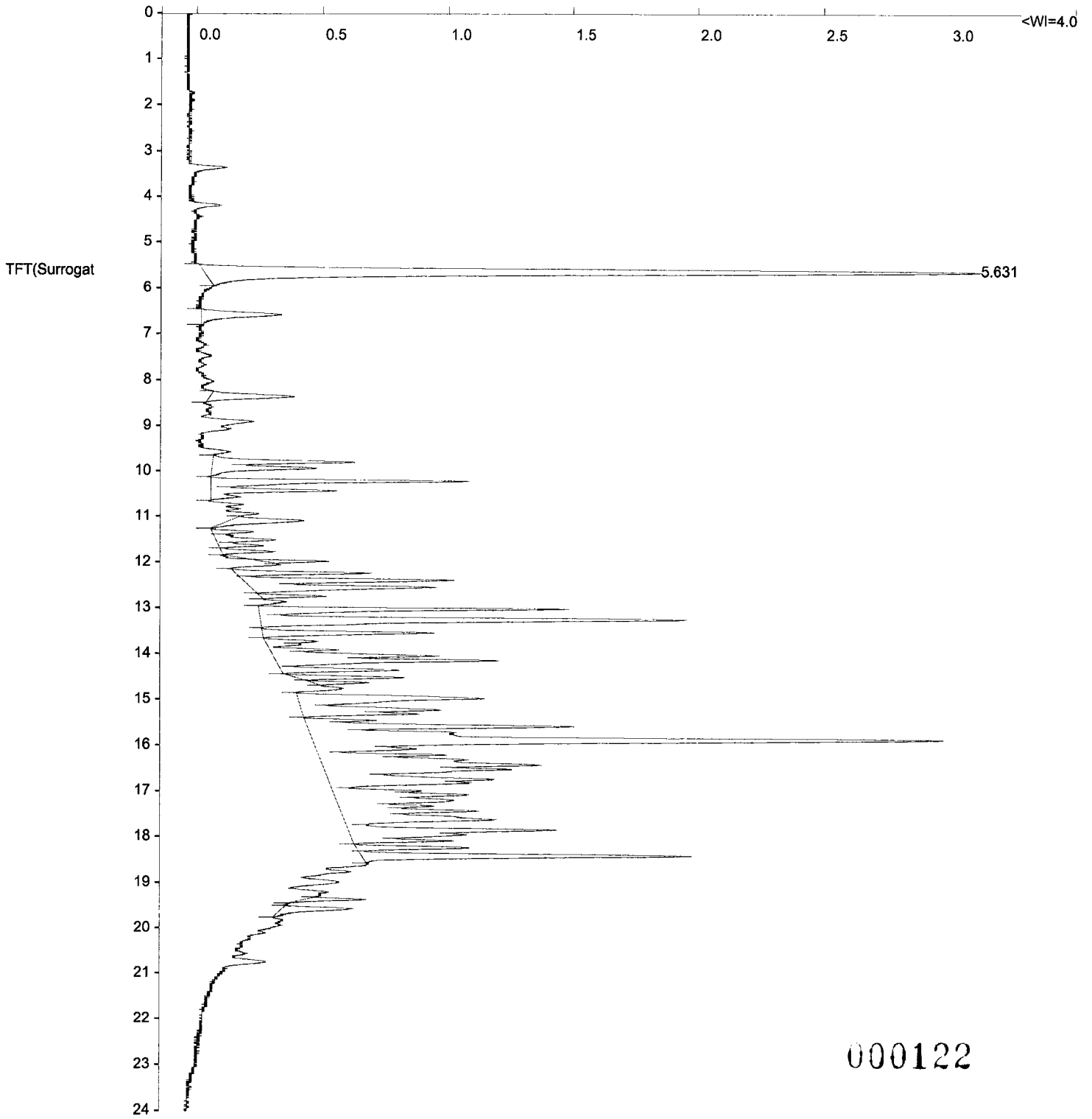
Injection Date: 11/20/02 10:02 PM Calculation Date: 11/20/02 10:26 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000122

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-083-5.0

Injection Date: 11/20/02 10:02 PM Calculation Date: 11/20/02 10:26 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2084	5.631	0.020	2594	BB	7.6	
	Totals:	0.2084		0.020	2594			

Total Unidentified Counts : 4157 counts

Detected Peaks: 52 Rejected Peaks: 48 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 90 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-20-02-1017.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-084-5.0

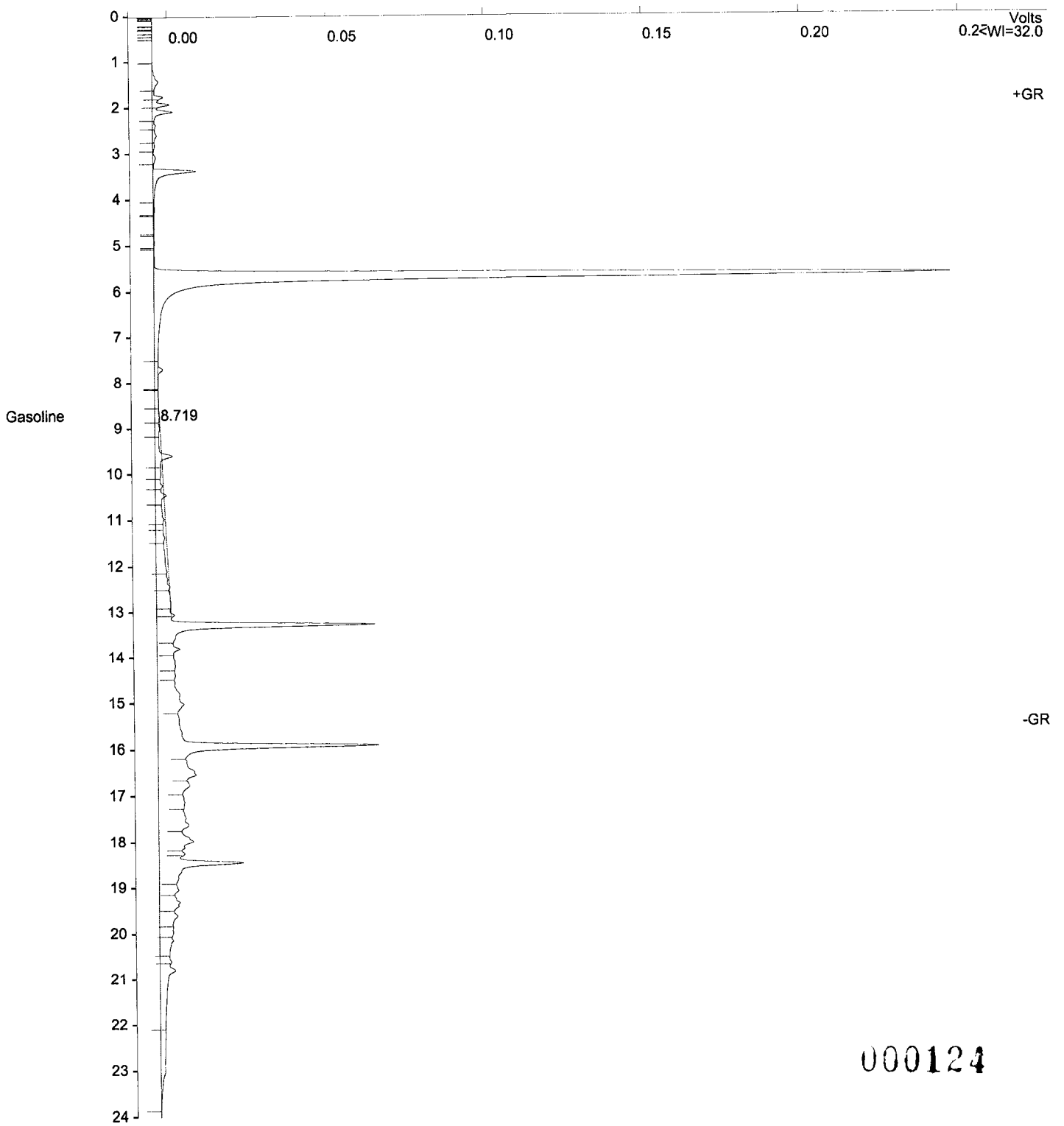
Injection Date: 11/20/02 10:42 PM Calculation Date: 11/20/02 11:06 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 119 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000124

Title : Gasoline by FID
Run File : C:\star\module18\2002data\nov02\g5-11-20-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

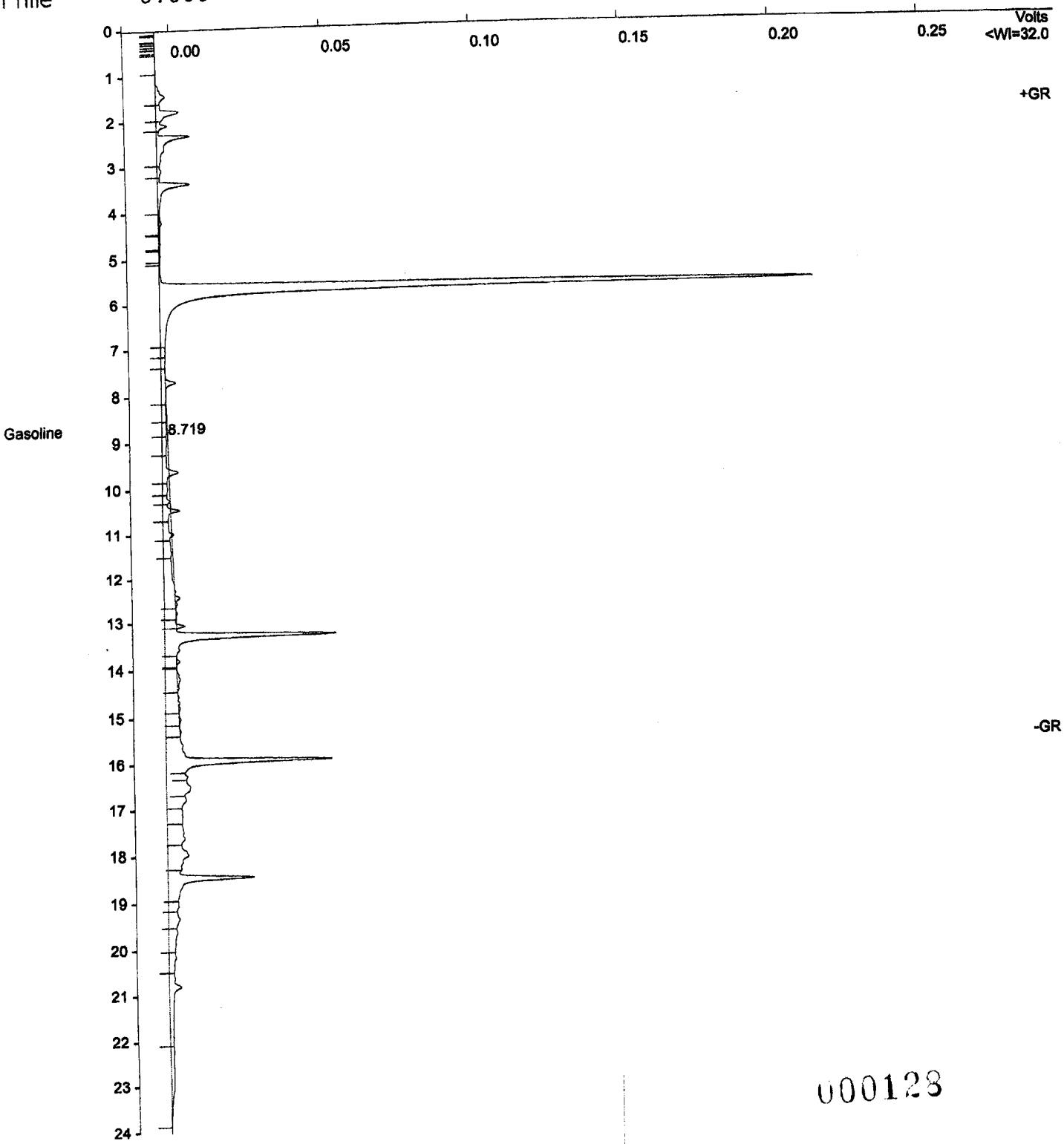
Injection Date: 11/20/02 1:27 PM Calculation Date: 11/20/02 1:51 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000123

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

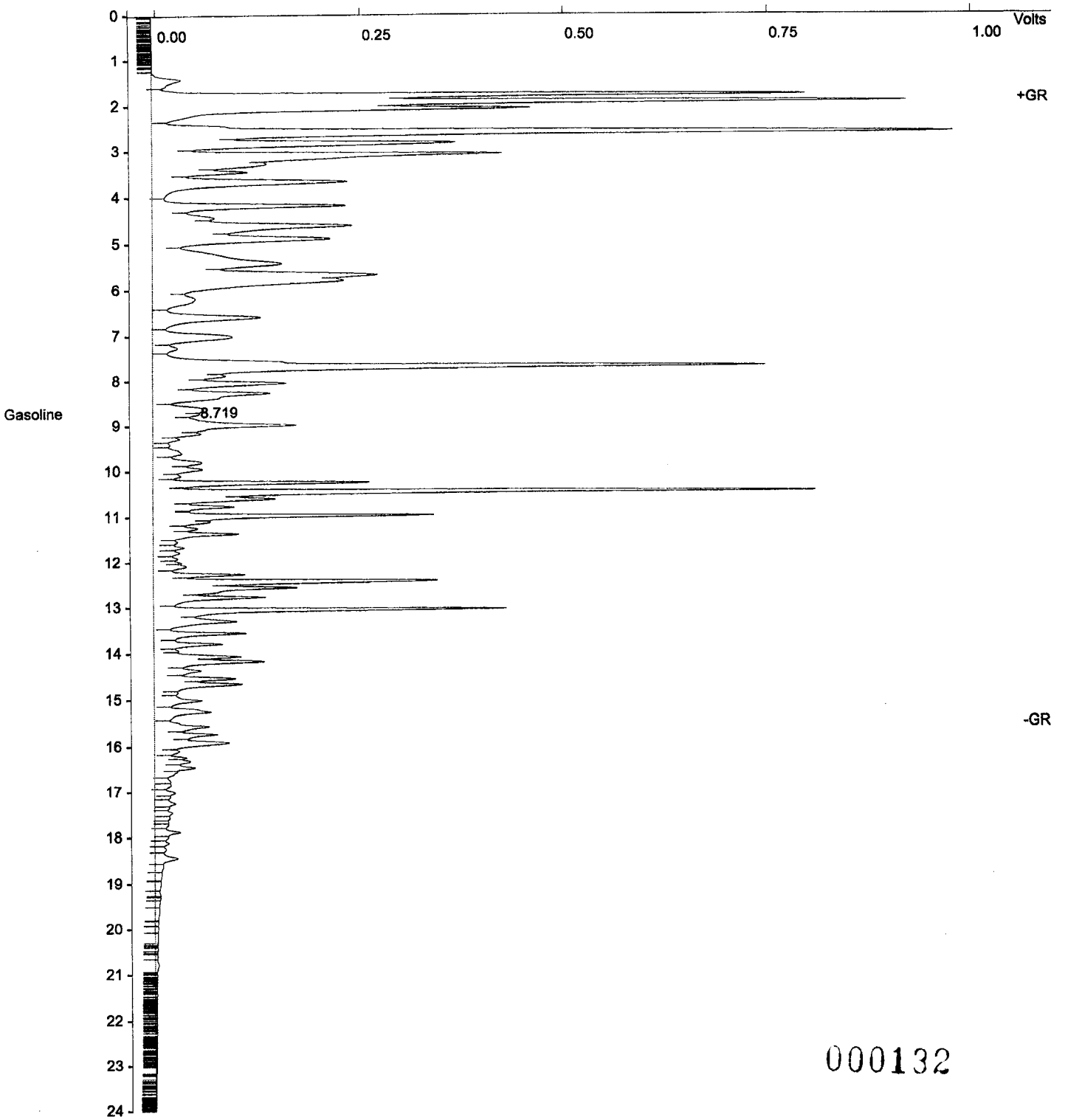
Injection Date: 11/21/02 7:55 AM Calculation Date: 11/21/02 8:19 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 464 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000132

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/21/02 7:55 AM Calculation Date: 11/21/02 8:19 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.1717	8.719	0.001	8586095	GR	0.0	
	Totals:	5.1717		0.001	8586095			

Total Unidentified Counts : 1019159 counts

Detected Peaks: 279 Rejected Peaks: 174 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4809 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

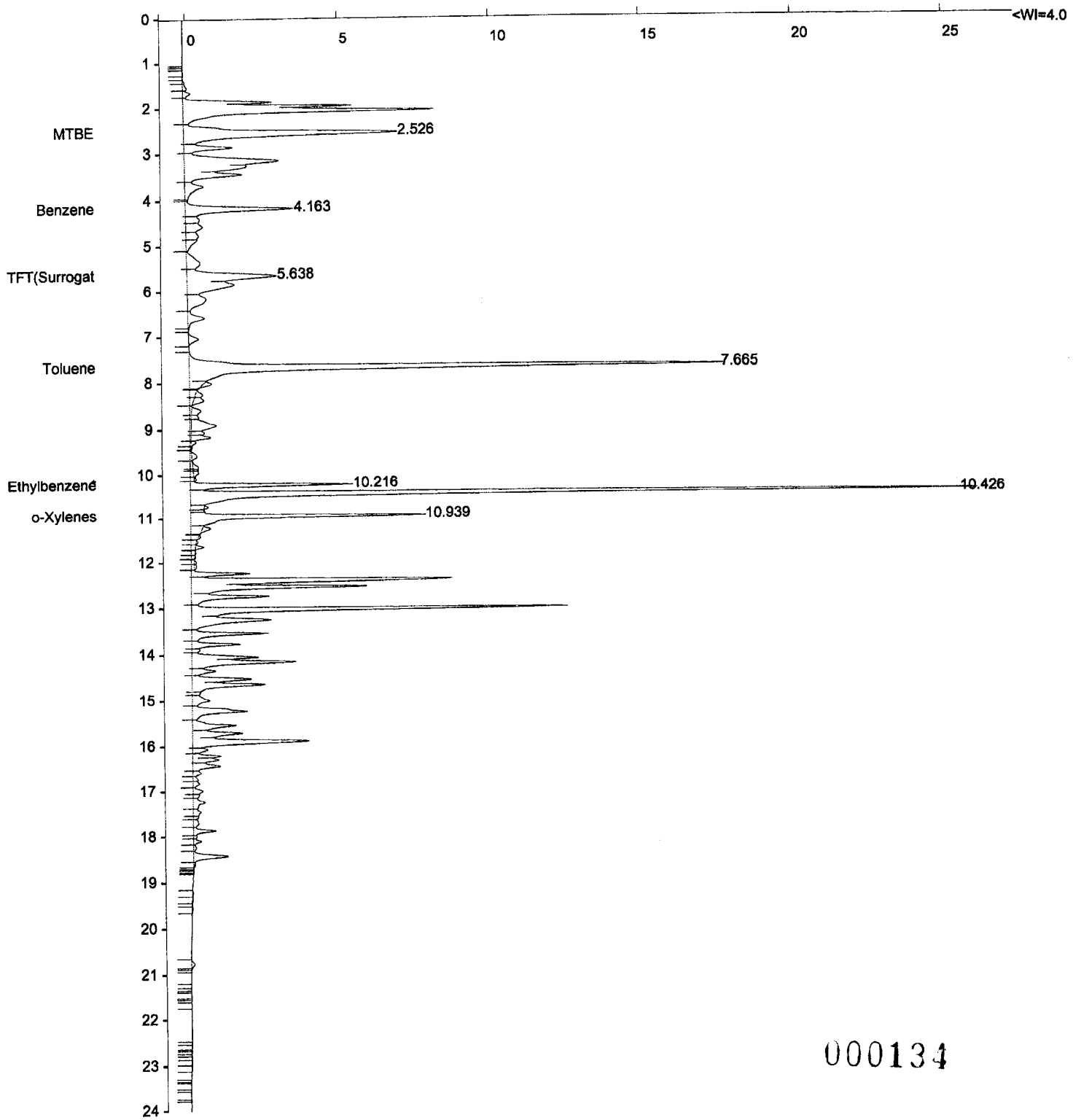
Injection Date: 11/21/02 7:55 AM Calculation Date: 11/21/02 8:19 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 12 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000134

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-077-5.0gms

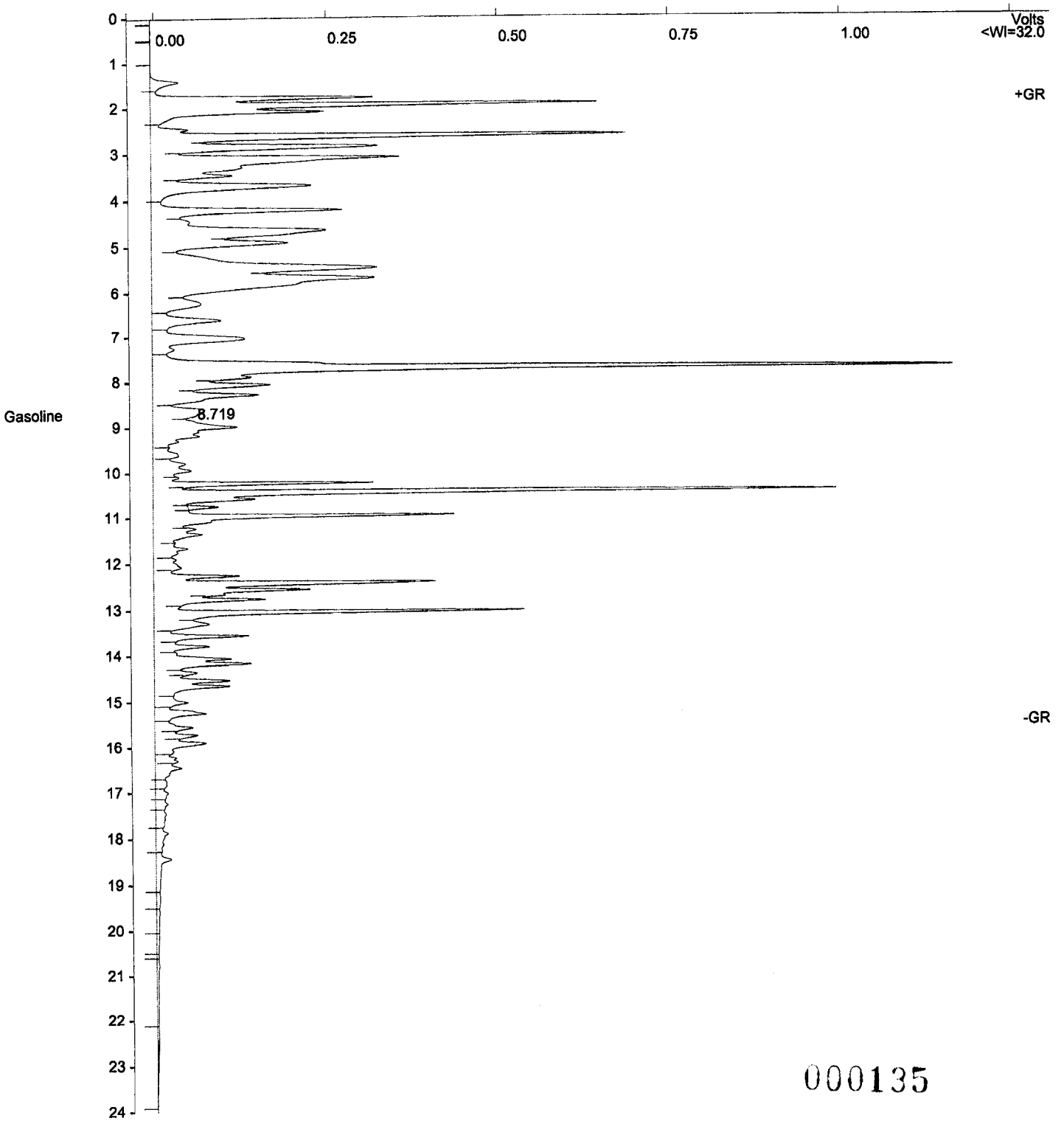
Injection Date: 11/21/02 8:33 AM Calculation Date: 11/21/02 8:57 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 551 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000135

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-077-5.0gms

Injection Date: 11/21/02 8:33 AM Calculation Date: 11/21/02 8:57 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.4599	8.719	0.001	9064530	GR	0.0	
	Totals:	5.4599		0.001	9064530			

Total Unidentified Counts : 481228 counts

Detected Peaks: 58 Rejected Peaks: 2 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4629 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-077-5.0gms

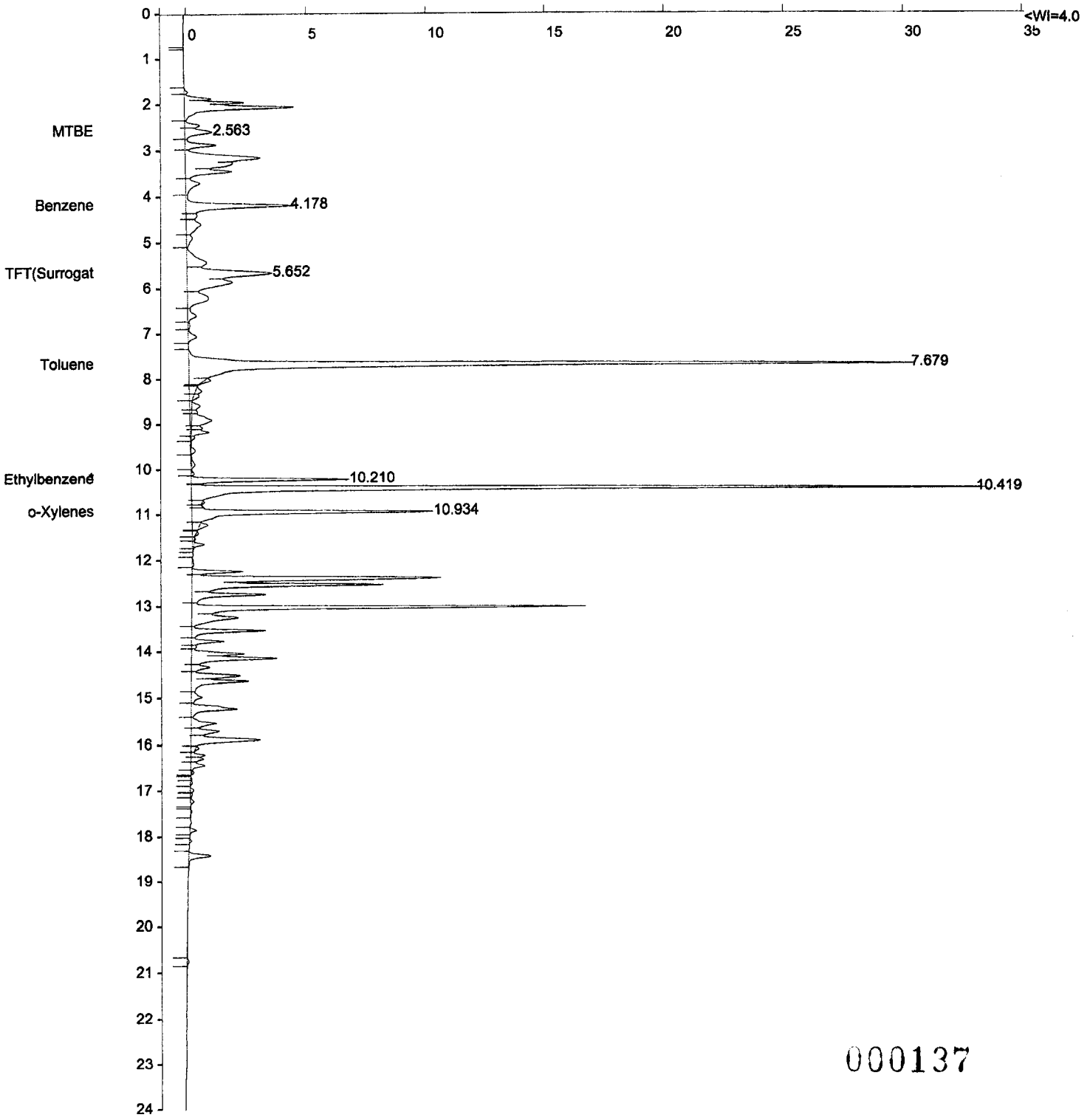
Injection Date: 11/21/02 8:33 AM Calculation Date: 11/21/02 8:57 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 15 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000137

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-077-5.0gms

Injection Date: 11/21/02 8:33 AM Calculation Date: 11/21/02 8:57 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.563	0.036	849	VV	7.2	
2	Benzene	0.0000	4.178	0.004	2919	VV	5.8	
3	TFT(Surrogat	0.2695	5.652	0.041	3356	VV	9.6	C
4	Toluene	0.0000	7.679	0.021	20113	BV	4.8	
5	Ethylbenzene	0.0000	10.210	0.000	2953	VV	4.1	
6	p,m-Xylenes	0.0000	10.419	0.009	16391	VV	0.0	
7	o-Xylenes	0.0000	10.934	-0.002	5549	VB	4.0	
	Totals:	0.2695		0.109	52130			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 45066 counts

Detected Peaks: 80 Rejected Peaks: 50 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -89 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-077-5.0gmsd

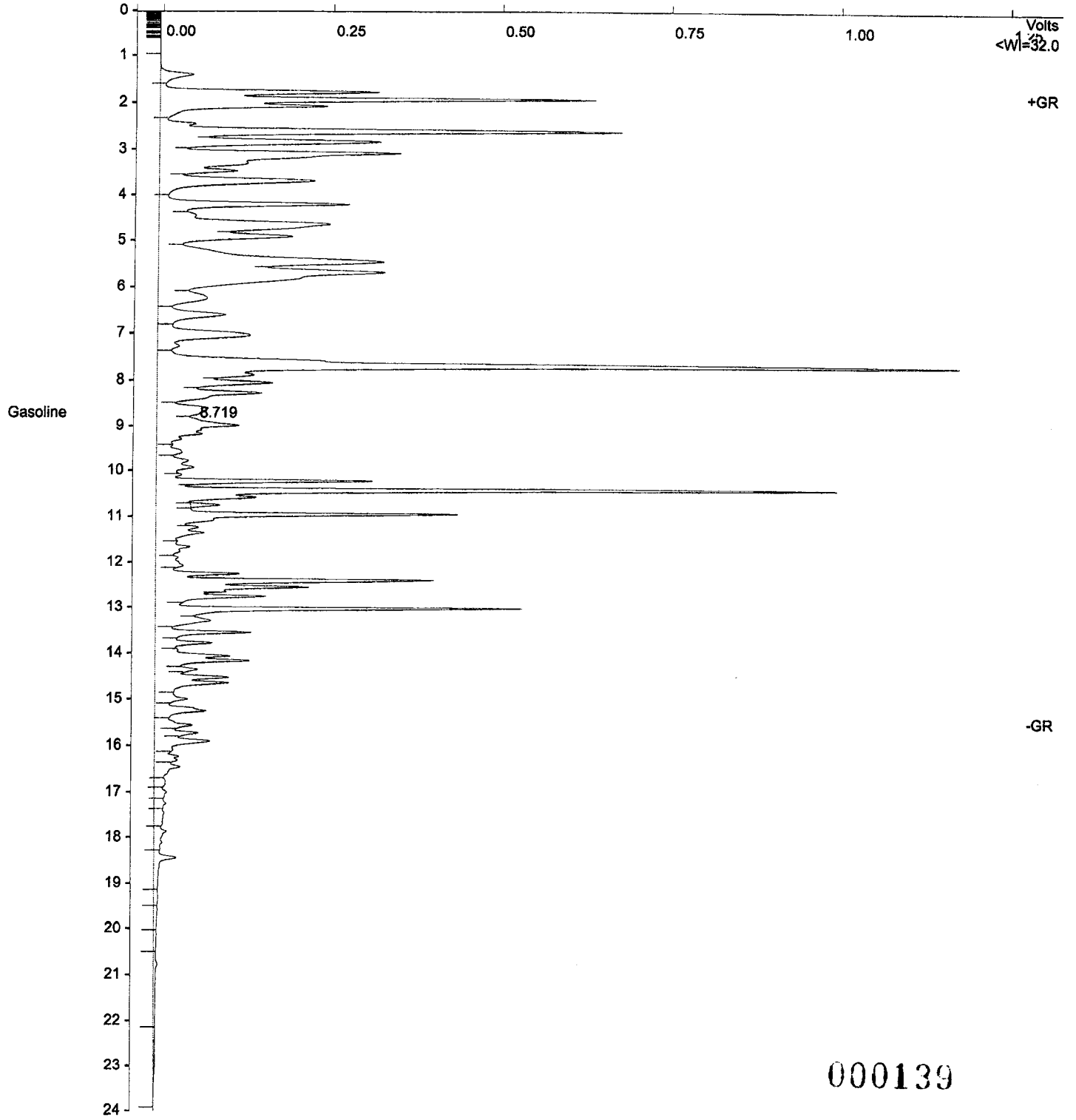
Injection Date: 11/21/02 9:13 AM Calculation Date: 11/21/02 9:37 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 559 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-077-5.0gmsd

Injection Date: 11/21/02 9:13 AM Calculation Date: 11/21/02 9:37 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.4552	8.719	0.001	9056762	GR	0.0	
	Totals:	5.4552		0.001	9056762			

Total Unidentified Counts : 503678 counts

Detected Peaks: 75 Rejected Peaks: 20 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4619 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-077-5.0gmsd

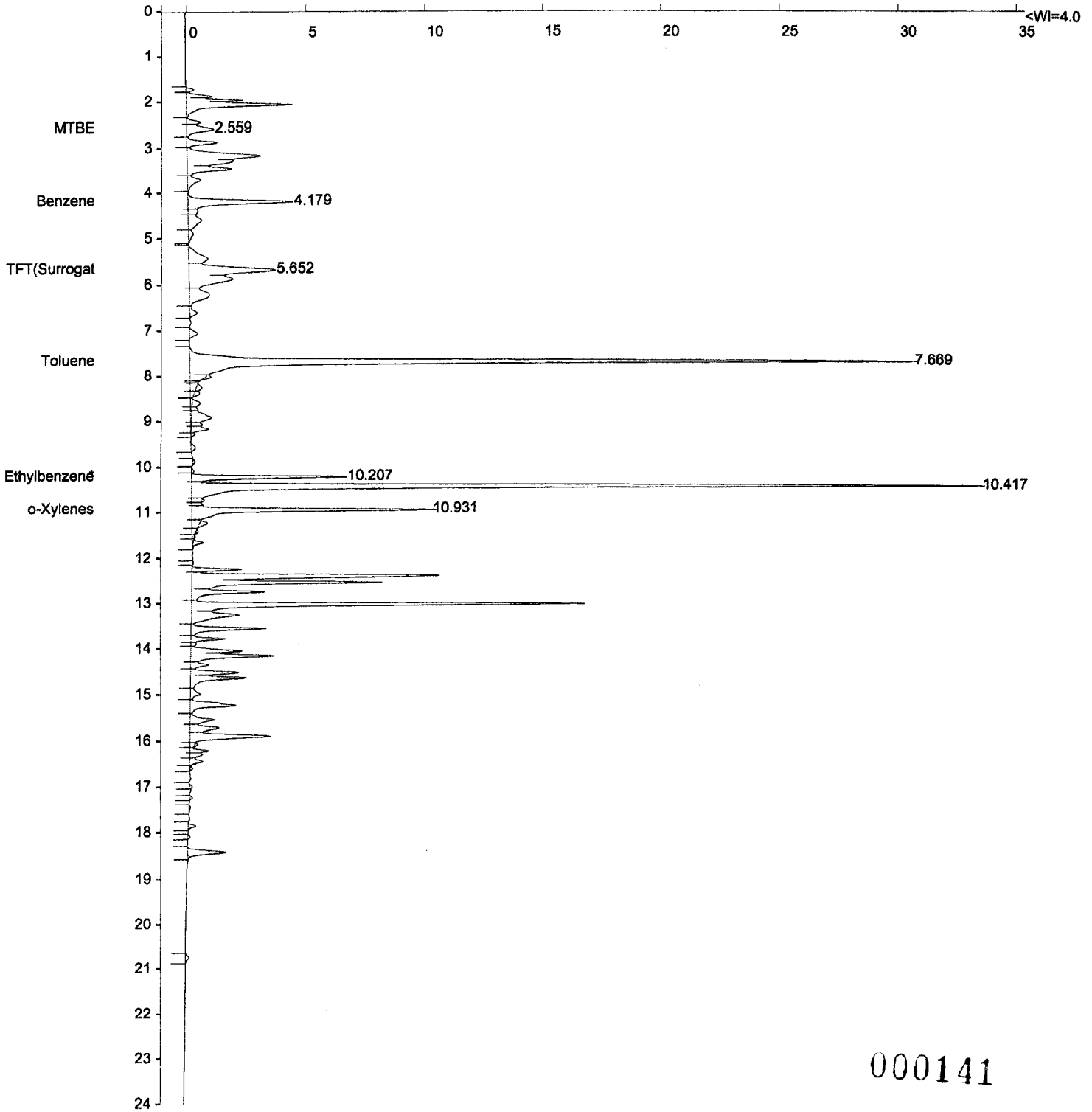
Injection Date: 11/21/02 9:13 AM Calculation Date: 11/21/02 9:37 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 15 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000141

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-077-5.0gmsd

Injection Date: 11/21/02 9:13 AM Calculation Date: 11/21/02 9:37 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.559	0.032	850	VV	7.2	
2	Benzene	0.0000	4.179	0.005	2896	VV	5.7	
3	TFT(Surrogat	0.2741	5.652	0.041	3413	VV	9.1	C
4	Toluene	0.0000	7.669	0.011	20058	BB	4.9	
5	Ethylbenzene	0.0000	10.207	-0.003	2935	VV	4.1	
6	p,m-Xylenes	0.0000	10.417	0.007	16435	VV	0.0	
7	o-Xylenes	0.0000	10.931	-0.004	5637	VB	4.0	
	Totals:	0.2741		0.089	52224			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 44780 counts

Detected Peaks: 75 Rejected Peaks: 45 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -69 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-082-5.0 R

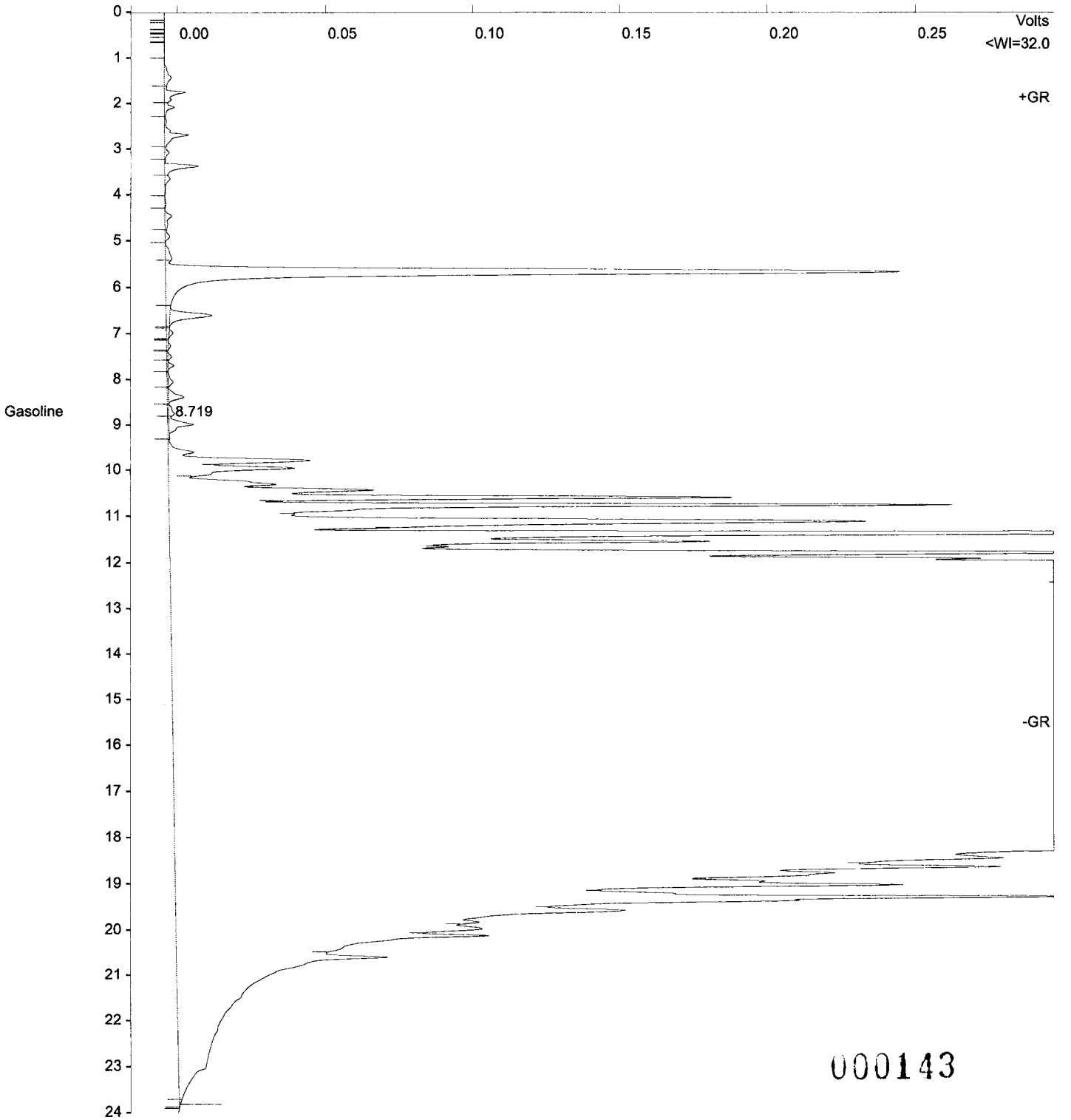
Injection Date: 11/21/02 10:32 AM Calculation Date: 11/21/02 10:56 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000143

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-082-5.0 R

Injection Date: 11/21/02 10:32 AM Calculation Date: 11/21/02 10:56 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	14.5260	8.719	0.001	24116232	GR	0.0	
	Totals:	14.5260		0.001	24116232			

Total Unidentified Counts : 15180892 counts

Detected Peaks: 64 Rejected Peaks: 8 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4299 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-082-5.0 R

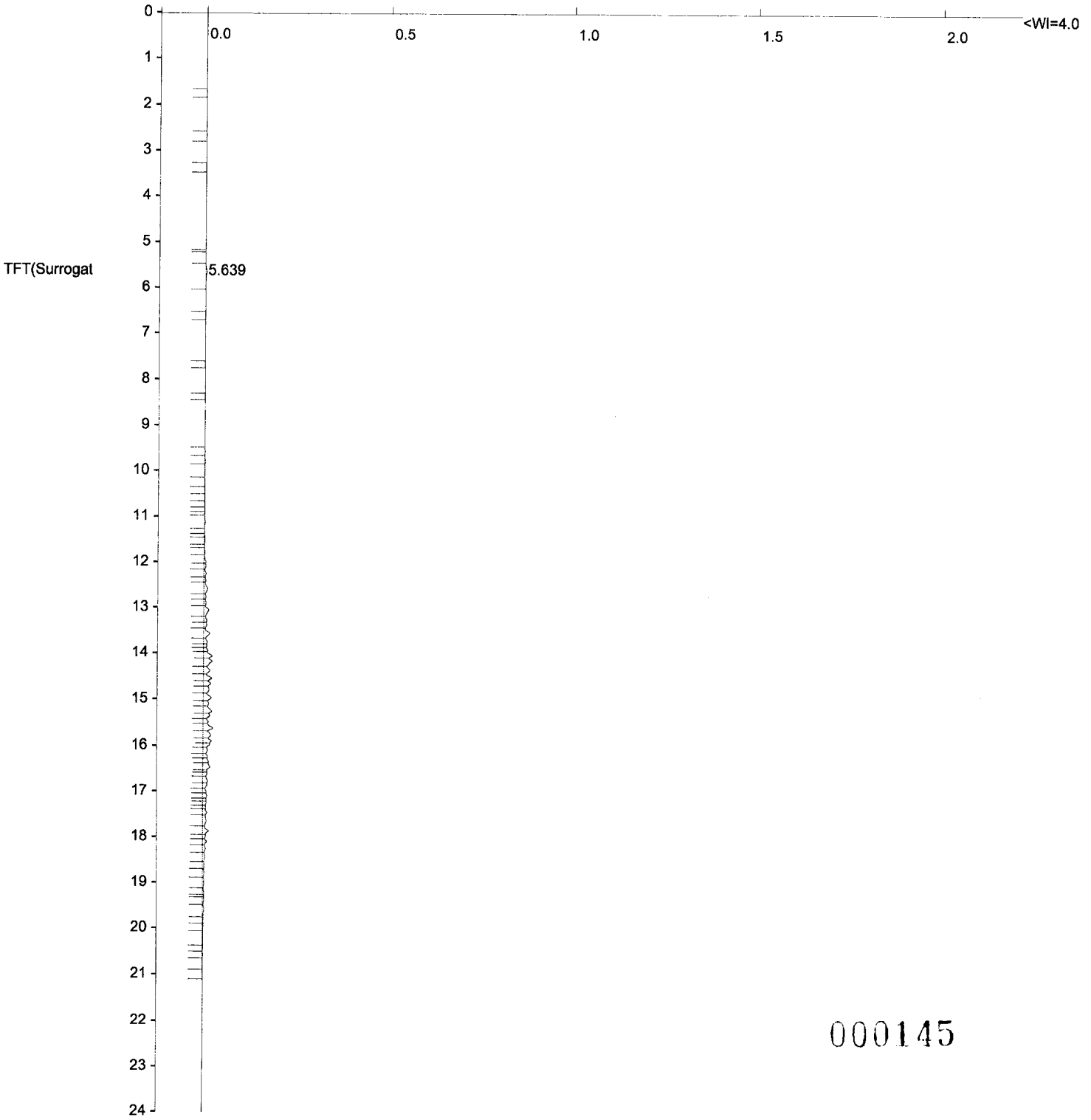
Injection Date: 11/21/02 10:32 AM Calculation Date: 11/21/02 10:56 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000145

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-082-5.0 R

Injection Date: 11/21/02 10:32 AM Calculation Date: 11/21/02 10:56 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1904	5.639	0.028	2370	BB	7.6	
	Totals:	0.1904		0.028	2370			

Total Unidentified Counts : 419920 counts

Detected Peaks: 86 Rejected Peaks: 23 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1025.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-079-2.5 R

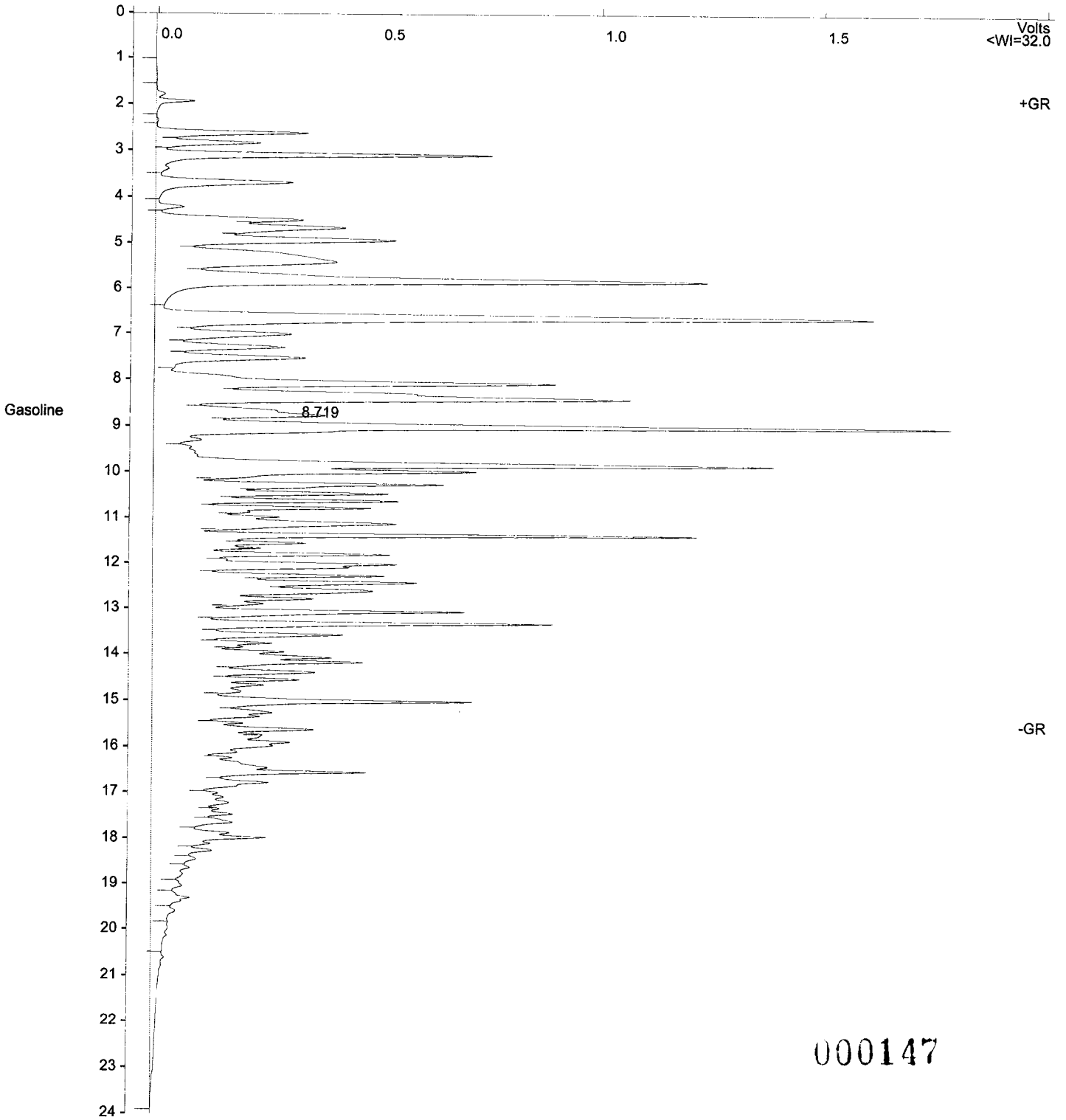
Injection Date: 11/21/02 4:29 PM Calculation Date: 11/21/02 4:53 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 848 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000147

Title :
Run File : c:\star\module18\2002data\nov02\g5-11-21-02-1025.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102451-079-2.5 R

Injection Date: 11/21/02 4:29 PM Calculation Date: 11/21/02 4:53 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	13.2869	8.719	0.001	22059096	GR	0.0	
	Totals:	13.2869	x2 = 26.57	0.001	22059096			

Total Unidentified Counts : 4053793 counts

Detected Peaks: 59 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 12 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4529 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

EPA 8260:

Data & QA/QC

****

Varian Star Workstation - Generic SampleList Thu Nov 21 10:17:15 2002

SampleList: C:\SaturnWS\samplelist.smp

Created: Sun Oct 29 18:10:46 2000
Modified: Thu Nov 21 09:30:50 2002

****

Line	Sample Type	Sample Name
1	Analysis	water blank
2	Analysis	method blank # 1
3	Analysis	50 ppb 8260 ccv
4	Analysis	LCS # 1
5	Analysis	102451-074 5.20g
6	Analysis	102451-075 5.48g
7	Analysis	102451-076 5.67g
8	Analysis	102451-077 5.96g
9	Analysis	102451-078 5.86g
10	Analysis	102451-080 5.86g
11	Analysis	102451-082 5.82g
12	Analysis	102451-083 6.10g
13	Analysis	102451-084 5.79g
14	Analysis	102451-079 5.71g
15	Analysis	102451-081 5.77g
16	Analysis	blank
17	Analysis	LCS # 2
18	Analysis	method blank # 2
19	Analysis	50 ppb 8260 ccv # 2
20	Analysis	LCS soil
21	Analysis	LCSD soil
22	Analysis	102401-815 10ml
23	Analysis	102403-827 10ml
24	Analysis	102415-882 5ml
25	Analysis	102415-883 5ml
26	Analysis	LCS water
27	Analysis	LCSD water

Directory for Data Files: c:\saturnws\data\6nov02

Data File Names: nov%i

Create and update a new RecalcList: c:\saturnws\8260list.rcl.

Overwrite the RecalcList each time the SampleList begins.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No: SDG No:

Instrument ID: GCMS # 6 Calibration Date(s): 8/7/02 8/7/02

Calibration Time(s): 18:30 23:14

Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Index: 1 Level: 1 Replicate: 1 Acquired: 8/7/02 18:30 File: c:\saturnws\data\6aug02\aug1054.sms
Index: 2 Level: 2 Replicate: 1 Acquired: 8/7/02 19:17 File: C:\SaturnWS\data\6aug02\aug1055.SMS
Index: 3 Level: 3 Replicate: 1 Acquired: 8/7/02 20:04 File: C:\SaturnWS\data\6aug02\aug1056.SMS
Index: 4 Level: 4 Replicate: 1 Acquired: 8/7/02 20:51 File: c:\saturnws\data\6aug02\aug1057.sms
Index: 5 Level: 5 Replicate: 1 Acquired: 8/7/02 21:39 File: C:\SaturnWS\data\6aug02\aug1058.SMS
Index: 6 Level: 6 Replicate: 1 Acquired: 8/7/02 22:26 File: C:\SaturnWS\data\6aug02\aug1059.SMS
Index: 7 Level: 7 Replicate: 1 Acquired: 8/7/02 23:14 File: C:\SaturnWS\data\6aug02\aug1060.SMS

RRF = (Area(sample)/(Amount(sample))/(Area(standard)/Amount(standard))

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Dichlorodifluoromethane						0.000		**0.000**	
Chloromethane	0.251	0.196	0.237	0.203	0.190	0.174	0.171	**0.203**	**15.0**
Vinyl Chloride	0.439	0.360	0.477	0.413	0.417	0.426	0.447	**0.425**	**8.5**
Bromomethane	0.237	0.232	0.221	0.175	0.152	0.088	0.094	**0.171**	**36.9**
Trichlorofluoromethane	0.936	0.894	1.005	0.905	0.886	0.890	0.892	**0.915**	**4.7**
Trichlorotrifluoroethane (Freon 113)			0.003	0.002	0.002	0.001	0.001	**0.002**	**47.6**
1,1-Dichloroethene	0.888	0.917	1.056	1.101	0.989	1.009	1.043	**1.000**	**7.6**
Acetone	0.073	0.057	0.053	0.046	0.053	0.048	0.061	**0.056**	**16.3**
Carbon disulfide	0.009	0.003	0.001	0.000	0.000	0.000		**0.002**	**155.4**
Acetonitrile	0.252	0.258	0.251	0.221	0.223	0.203	0.210	**0.231**	**9.5**
Allyl chloride					0.002	0.002	0.002	**0.002**	**4.7**
Methylene Chloride	1.826	1.103	1.052	0.943	0.952	0.932	0.958	**1.110**	**29.0**
tert-Butanol	0.006	0.020	0.021	0.019		0.021		**0.018**	**35.8**

000152

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Methyl-tert-butyl-ether (MTBE)	0.524	0.482	0.493	0.485	0.557	0.560	0.628	**0.533**	**10.0**
t-1,2-Dichloroethene	1.064	0.935	0.929	0.770	0.703	0.667	0.623	**0.813**	**20.3**
1,1-Dichloroethane	0.674	0.625	0.635	0.567	0.528	0.510	0.492	**0.576**	**12.2**
Isopropyl ether	0.893	0.843	0.832	0.746	0.721	0.679	0.675	**0.770**	**11.2**
Ethyl-tert-butyl-ether	0.949	0.946	0.921	0.805	0.772	0.725	0.721	**0.834**	**12.2**
2,2-Dichloropropane	0.981	0.885	0.916	0.813	0.786	0.778	0.774	**0.847**	**9.5**
c-1,2-Dichloroethene	0.860	0.871	0.888	0.829	0.839	0.837	0.856	**0.854**	**2.4**
2-Butanone (MEK)	0.087	0.076	0.074	0.066	0.083	0.078	0.095	**0.080**	**11.8**
Bromochloromethane	0.471	0.508	0.519	0.490	0.523	0.504	0.539	**0.508**	**4.4**
Methacrylonitrile	0.512	0.475	0.493	0.451	0.429	0.425	0.429	**0.459**	**7.6**
Chloroform	1.030	1.019	1.060	0.996	1.017	1.024	1.068	**1.030**	**2.4**
1,1,1-Trichloroethane	1.307	1.258	1.371	1.261	1.263	1.297	1.350	**1.301**	**3.5**
Dibromofluoromethane (Surr1)	0.207	0.217	0.209	0.210	0.212	0.214	0.226	**0.214**	**2.9**
Carbon Tetrachloride	0.960	1.004	1.101	1.006	1.013	1.044	1.098	**1.032**	**5.1**
1,1-Dichloropropene	0.797	0.624	0.597	0.437	0.391	0.508	0.313	**0.524**	**31.2**
Benzene	0.931	0.786	0.791	0.729	0.752	0.751	0.780	**0.789**	**8.4**
1,2-Dichloroethane-d4 (Surr2)	0.303	0.295	0.269				0.203	**0.268**	**16.9**
1,2-Dichloroethane	0.653	0.630	0.594	0.504	0.483	0.435	0.439	**0.534**	**17.0**
tert-Amyl-methyl-ether	1.016	0.951	0.941	0.865	0.898	0.854	0.910	**0.919**	**6.0**
Trichloroethene	1.889	1.663	1.754	1.662	1.640	1.601	1.654	**1.695**	**5.7**
1,2-Dichloropropane	0.516	0.508	0.479	0.428	0.401	0.376	0.364	**0.439**	**14.2**
Dibromomethane	0.578	0.584	0.609	0.552	0.565	0.537	0.571	**0.571**	**4.1**
Bromodichloromethane	1.214	1.230	1.232	1.185	1.178	1.175	1.226	**1.206**	**2.1**
2-Chloroethyl vinyl ether	0.298	0.286	0.311	0.267	0.285	0.251	0.275	**0.282**	**7.0**
c-1,3-Dichloropropene	1.503	1.400	1.382	1.276	1.236	1.201	1.194	**1.313**	**8.9**
4-Methyl-2-pentanone	0.389	0.376	0.404	0.361	0.370	0.332	0.352	**0.369**	**6.4**
Toluene-d8 (Surr3)	1.490	1.480	1.481	1.430	1.430	1.403	1.386	**1.443**	**2.9**
Toluene	4.123	3.621	3.727	3.415	3.323	3.312	3.310	**3.547**	**8.5**
t-1,3-Dichloropropene	0.718	0.631	0.627	0.578	0.595	0.002	0.596	**0.535**	**44.8**
1,1,2-Trichloroethane	0.578	0.672	0.695	0.661	0.671	0.648	0.679	**0.658**	**5.8**
Tetrachloroethene	0.191	0.155	0.156	0.147	0.142	0.142	0.147	**0.154**	**11.0**
1,3-Dichloropropane	1.003	0.983	0.989	0.938	0.975	0.948	1.009	**0.978**	**2.7**
Dibromochloromethane	0.687	0.735	0.758	0.700	0.738	0.708	0.747	**0.725**	**3.6**
1,2-Dibromoethane	0.806	0.783	0.852	0.773	0.824	0.773	0.832	**0.806**	**3.9**

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Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
1-Chlorohexane	3.034	2.639	2.670	2.386	2.319	2.229	2.227	2.501	11.8
Chlorobenzene	2.388	2.020	2.112	1.917	1.918	1.936	1.961	2.036	8.3
Ethylbenzene	10.331	8.560	8.577	8.176	8.206	8.552	8.905	8.758	8.4
1,1,1,2-Tetrachloroethane	24.225	5.781	2.246	1.171	0.787	0.624	0.514	5.050	171.4
p,m-Xylenes	9.172	7.293	7.251	6.846	6.766	7.106	7.425	7.408	11.0
o-Xylene	9.005	7.410	7.569	7.283	7.214	7.447	7.613	7.649	8.0
Styrene	5.401	4.590	4.611	4.452	4.571	4.806	5.044	4.782	7.0
Bromoform	1.136	1.025	1.005	0.946	0.986	0.959	1.004	1.009	6.2
Isopropylbenzene	9.768	8.467	8.494	8.019	7.826	8.078	8.319	8.424	7.6
cis-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
p-Bromofluorobenzene (Surr4)	1.404	1.382	1.344	1.356	1.350	1.368	1.388	1.370	1.6
1,1,2,2-Tetrachloroethane	1.458	1.567	1.507	1.349	1.404	1.386	1.450	1.446	5.1
Bromobenzene	4.000	3.668	3.508	3.266	3.120	3.067	3.051	3.383	10.6
n-Propylbenzene	11.098	9.414	9.619	9.181	9.149	9.467	9.800	9.676	6.9
trans-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
1,2,3-Trichloropropane	1.083	0.999	0.927	0.824	0.825	0.776	0.842	0.897	12.4
2-Chlorotoluene	7.825	6.501	6.151	5.826	5.710	5.782	5.900	6.242	12.0
1,3,5-Trimethylbenzene	9.214	7.748	7.752	7.247	7.070	7.273	7.475	7.683	9.4
4-Chlorotoluene	6.528	5.609	5.569	5.388	5.261	5.270	5.393	5.574	7.9
tert-Butylbenzene	12.564	10.652	10.592	9.794	9.456	9.684	9.530	10.325	10.7
1,2,4-Trimethylbenzene	8.218	7.186	7.075	6.575	6.494	6.574	6.643	6.966	8.8
Pentachloroethane		0.034	0.030	0.032	0.029	0.031	0.033	0.031	5.8
sec-Butylbenzene	9.996	8.283	8.328	7.913	7.738	7.890	7.816	8.280	9.5
4-Isopropyltoluene	6.605	5.598	5.590	5.099	4.902	4.961	4.948	5.386	11.4
1,3-Dichlorobenzene	3.957	3.742	3.706	3.528	3.439	3.407	3.451	3.604	5.7
1,4-Dichlorobenzene	4.021	3.479	3.377	3.287	3.257	3.227	3.239	3.412	8.3
Benzyl Chloride	5.145	4.341	4.321	4.052	3.981	4.030	3.997	4.267	9.7
n-Butylbenzene	7.021	5.980	6.124	5.938	5.964	6.192	6.250	6.210	6.1
1,2-Dichlorobenzene	3.323	3.326	3.220	3.096	3.169	3.164	3.256	3.222	2.7
1,2-Dibromo-3-chloropropane	0.493	0.423	0.460	0.440	0.480	0.453	0.520	0.467	7.1
1,2,4-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1
Hexachlorobutadiene	1.531	1.225	1.202	1.165	1.166	1.177	1.223	1.241	10.5
Naphthalene	1.598	1.418	1.353	1.358	1.524	1.531	1.749	1.504	9.5
1,2,3-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1

000154

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 11/20/02 Time: 14:39

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

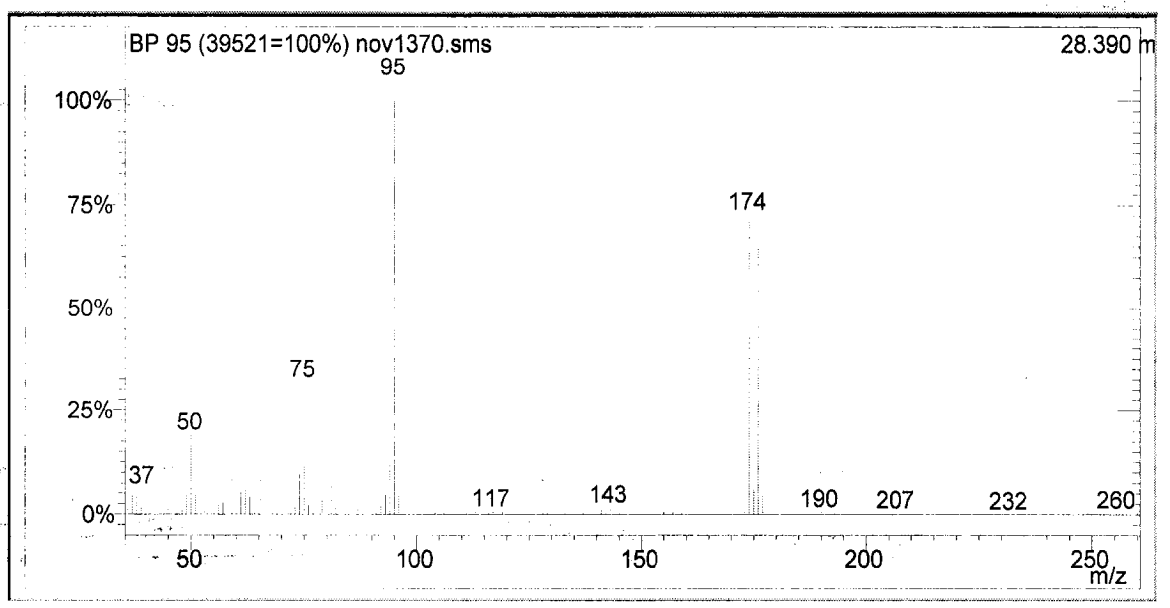
Lab File ID: c:\saturnws\data\6nov02\nov1371.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.001	0.100	-91.3	20.0
Chloromethane	0.203	0.299	0.100	-47.0	20.0
Vinyl Chloride	0.425	0.535	0.100	-25.8	20.0
Bromomethane	0.171	0.000	0.100	100.0	20.0
Trichlorofluoromethane	0.915	1.264	0.100	-38.0	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.400	0.100	-40.0	20.0
Acetone	0.056	0.058	0.100	-3.6	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.000	0.100	100.0	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.073	0.100	3.3	20.0
tert-Butanol	0.048	0.107	0.100	-507.5	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.501	0.100	5.9	20.0
t-1,2-Dichloroethene	0.813	1.028	0.100	-26.4	20.0
1,1-Dichloroethane	0.576	0.718	0.100	-24.6	20.0
Isopropyl ether	0.770	0.940	0.100	-22.1	20.0
Ethyl-tert-butyl-ether	0.834	0.973	0.100	-16.6	20.0
2,2-Dichloropropane	0.847	0.880	0.100	-3.8	20.0
c-1,2-Dichloroethene	0.854	0.936	0.100	-9.6	20.0
2-Butanone (MEK)	0.080	0.088	0.100	-9.7	20.0
Bromochloromethane	0.508	0.540	0.100	-6.5	20.0
Methacrylonitrile	0.459	0.000	0.100	100.0	20.0
Chloroform	1.030	1.129	0.100	-9.6	20.0
1,1,1-Trichloroethane	1.301	1.509	0.100	-16.0	20.0
Dibromofluoromethane (Surr1)	0.214	0.231	0.100	-8.3	20.0
Carbon Tetrachloride	1.032	1.211	0.100	-17.3	20.0
1,1-Dichloropropene	0.524	0.000	0.100	100.0	20.0
Benzene	0.789	0.846	0.100	-7.2	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.276	0.100	-3.4	20.0
1,2-Dichloroethane	0.534	0.626	0.100	-17.2	20.0
tert-Amyl-methyl-ether	0.919	0.965	0.100	-5.0	20.0
Trichloroethene	1.695	1.972	0.100	-16.4	20.0
1,2-Dichloropropane	0.439	0.495	0.100	-12.7	20.0
Dibromomethane	0.571	0.603	0.100	-5.7	20.0
Bromodichloromethane	1.206	1.222	0.100	-1.4	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.288	0.100	-2.0	20.0
c-1,3-Dichloropropene	1.313	1.287	0.100	2.0	20.0
4-Methyl-2-pentanone	0.369	0.405	0.100	-9.6	20.0
Toluene-d8 (Surr3)	1.443	1.440	0.100	0.2	20.0
Toluene	3.547	3.828	0.100	-7.9	20.0
t-1,3-Dichloropropene	0.535	0.524	0.100	2.2	20.0
1,1,2-Trichloroethane	0.658	0.679	0.100	-3.2	20.0
Tetrachloroethene	0.154	0.166	0.100	-7.3	20.0
1,3-Dichloropropane	0.978	0.962	0.100	1.6	20.0
Dibromochloromethane	0.725	0.738	0.100	-1.9	20.0
1,2-Dibromoethane	0.806	0.798	0.100	0.9	20.0
1-Chlorohexane	2.501	2.760	0.100	-10.4	20.0
Chlorobenzene	2.036	2.047	0.100	-0.5	20.0
Ethylbenzene	8.758	9.123	0.100	-4.2	20.0
1,1,1,2-Tetrachloroethane	5.050	2.310	0.100	54.2	20.0
p,m-Xylenes	7.408	7.435	0.100	-0.4	20.0
o-Xylene	7.649	7.797	0.100	-1.9	20.0
Styrene	4.782	4.542	0.100	5.0	20.0
Bromoform	1.009	1.065	0.100	-5.6	20.0
Isopropylbenzene	8.424	9.321	0.100	-10.6	20.0
cis-1,4-Dichloro-2-butene	0.612	0.597	0.100	2.5	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.375	0.100	-0.4	20.0
1,1,2,2-Tetrachloroethane	1.446	1.254	0.100	13.3	20.0
Bromobenzene	3.383	3.353	0.100	0.9	20.0
n-Propylbenzene	9.676	9.741	0.100	-0.7	20.0
trans-1,4-Dichloro-2-butene	0.612	0.000	0.100	100.0	20.0
1,2,3-Trichloropropane	0.897	0.887	0.100	1.1	20.0
2-Chlorotoluene	6.242	6.091	0.100	2.4	20.0
1,3,5-Trimethylbenzene	7.683	8.106	0.100	-5.5	20.0
4-Chlorotoluene	5.574	5.600	0.100	-0.5	20.0
tert-Butylbenzene	10.325	11.946	0.100	-15.7	20.0
1,2,4-Trimethylbenzene	6.966	7.190	0.100	-3.2	20.0
Pentachloroethane	0.031	0.033	0.100	-5.5	20.0
sec-Butylbenzene	8.280	8.891	0.100	-7.4	20.0
4-Isopropyltoluene	5.386	5.808	0.100	-7.8	20.0
1,3-Dichlorobenzene	3.604	3.559	0.100	1.2	20.0
1,4-Dichlorobenzene	3.412	3.116	0.100	8.7	20.0
Benzyl Chloride	4.267	4.153	0.100	2.7	20.0
n-Butylbenzene	6.210	5.874	0.100	5.4	20.0
1,2-Dichlorobenzene	3.222	2.981	0.100	7.5	20.0
1,2-Dibromo-3-chloropropane	0.467	0.417	0.100	10.7	20.0
1,2,4-Trichlorobenzene	1.625	1.153	0.100	29.0	20.0
Hexachlorobutadiene	1.241	1.152	0.100	7.2	20.0
Naphthalene	1.504	1.163	0.100	22.7	20.0
1,2,3-Trichlorobenzene	1.625	1.153	0.100	29.0	20.0

BFB 8260B Report



Lab File ID nov1370.sms

Injection Date: 11/20/02

Injection Time: 13:51

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	18.99	PASS
75	30-60% of m/z 95	31.85	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	6.21	PASS
173	<2% of m/z 174	0.87	PASS
174	>50% of m/z 95	72.69	PASS
175	5-9% of m/z 174	8.03	PASS
176	>95% but <101% of m/z 174	99.20	PASS
177	5-9% of m/z 176	6.82	PASS

000157

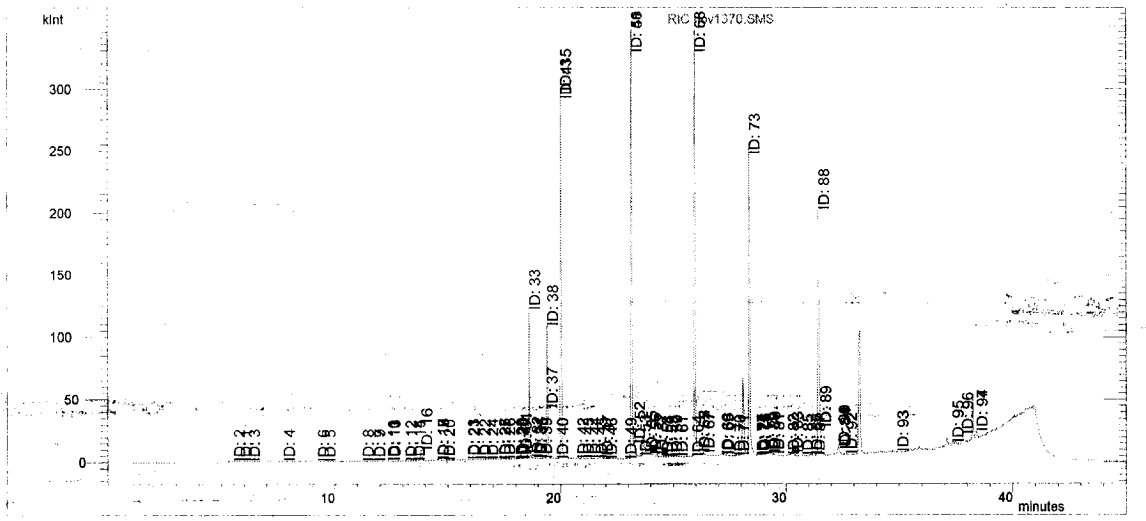
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1370.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 1 **Acquisition Dat** 11/20/02 1:51:24 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.009	96+70	Fluorobenzene (IS1)	999	483516	50.000
63	25.961	117	Chlorobenzene-d5(IS2)	982	285992	50.000
88	31.438	152	1,4-Dichlorobenzene-d4(IS3)	983	122013	50.000
1	5.845	85	Dichlorodifluoromethane	74	0	0.000
2	5.549	50+52	Chloromethane	496	0	0.000
3	6.204	62+64	Vinyl Chloride	797	0	0.000
4	7.755	94+96	Bromomethane	782	0	0.000
5	9.538	49	Chloroethane	461	0	0.000
6	9.254	101+103	Trichlorofluoromethane	806	0	0.000
7	11.744	101+151	Trichlorotrifluoroethane (Freon 113)	794	0	0.000
8	11.231	56	Acrolein	757	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	817	136	0.014
10	12.343	142	Iodomethane	913	175	175.495
11	12.372	43+58	Acetone	756	0	0.000
12	13.129	45	Isopropyl alcohol (2-Propanol)	460	0	0.000
13	12.420	76	Carbon disulfide	975	726	34.802
14	13.476	41	Acetonitrile	610	0	0.000
15	13.500	41	Allyl chloride	449	0	0.000
16	13.832	84+49+86	Methylene Chloride	995	22681	2.114
17	14.542	59	tert-Butanol	444	0	0.000
18	14.565	73	Methyl-tert-butyl-ether (MTBE)	886	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	841	0	0.000
20	14.822	53	Acrylonitrile	770	0	0.000
21	15.939	63	1,1-Dichloroethane	507	0	0.000
22	16.400	43	Vinyl acetate	57	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.899	45	Isopropyl ether	320	0	0.000
24	16.747	59	Ethyl-tert-butyl-ether	641	0	0.000
25	17.284	77+41	2,2-Dichloropropane	428	0	0.000
26	17.489	61+96	c-1,2-Dichloroethene	842	0	0.000
27	17.312	43+72	2-Butanone (MEK)	575	0	0.000
28	18.018	54	Propionitrile	610	0	0.000
29	18.067	130+49	Bromochloromethane	926	523	0.106
30	18.132	39	Methacrylonitrile	310	0	0.000
31	18.238	83+85	Chloroform	995	9212	0.925
32	18.726	97+99	1,1,1-Trichloroethane	479	0	0.000
33	18.613	111	Dibromofluoromethane (Surr1)	794	111872	54.165
34	18.828	117+119	Carbon Tetrachloride	622	0	0.000
35	20.007	42+72	Tetrahydrofuran	318	243	242.809
36	18.907	75+39	1,1-Dichloropropene	595	0	0.000
37	19.383	78	Benzene	706	0	0.000
38	19.411	65	1,2-Dichloroethane-d4 (Surr2)	935	147888	57.259
39	19.124	62+64	1,2-Dichloroethane	435	0	0.000
40	19.851	73+55+87	tert-Amyl-methyl-ether	611	0	0.000
42	20.740	130+132+95	Trichloroethene	850	0	0.000
43	20.985	41	Methyl methacrylate	256	0	0.000
44	21.293	63+65	1,2-Dichloropropane	540	0	0.000
45	21.561	93+174	Dibromomethane	928	0	0.000
46	22.020	88	1,4-Dioxane	442	26	25.738
47	21.835	83+85	Bromodichloromethane	952	3550	0.515
48	23.138	63+43	2-Chloroethyl vinyl ether	321	3648	2.262
49	22.871	75+77+39	c-1,3-Dichloropropene	555	0	0.000
50	23.141	43+58	4-Methyl-2-pentanone	320	4683	2.219
51	23.139	98	Toluene-d8 (Surr3)	993	426812	51.717
52	23.269	92+91	Toluene	949	10661	0.525
53	23.520	69	Ethyl methacrylate	465	0	0.000
54	24.508	43+58+100	2-Hexanone	369	0	0.000
55	23.805	75+77	t-1,3-Dichloropropene	431	0	0.000
56	23.971	97+99	1,1,2-Trichloroethane	500	0	0.000
57	24.280	164+166	Tetrachloroethene	886	268	0.304
58	24.496	76+41	1,3-Dichloropropane	512	0	0.000
59	24.701	43	Isobutyl alcohol	389	0	0.000
60	24.894	129+127	Dibromochloromethane	909	0	0.000
61	25.163	107+109	1,2-Dibromoethane	739	0	0.000
62	26.132	91	1-Chlorohexane	812	0	0.000
64	25.842	112+114	Chlorobenzene	510	0	0.000
65	26.132	106+91	Ethylbenzene	812	0	0.000
66	25.961	131+117	1,1,1,2-Tetrachloroethane	990	285615	23.179
67	26.340	106+91	p,m-Xylenes	963	2473	0.137
68	27.159	106+91	o-Xylene	952	0	0.000
69	27.210	104+78	Styrene	948	0	0.000
70	27.700	171+173+175	Bromoform	766	0	0.000
71	27.877	105+120	Isopropylbenzene	892	0	0.000
72	28.751	75	cis-1,4-Dichloro-2-butene	662	0	0.000
73	28.372	95	p-Bromofluorobenzene (Surr4)	989	194907	58.290
74	28.688	83+85	1,1,2,2-Tetrachloroethane	652	0	0.000
75	28.763	77+158	Bromobenzene	951	0	0.000
76	28.826	91+120	n-Propylbenzene	903	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.688	75	trans-1,4-Dichloro-2-butene	454	0	0.000
78	28.751	75+110	1,2,3-Trichloropropane	655	0	0.000
79	29.150	91+126	2-Chlorotoluene	890	0	0.000
80	29.252	105+120	1,3,5-Trimethylbenzene	973	0	0.000
81	29.442	91+126	4-Chlorotoluene	931	0	0.000
82	30.091	119+91	tert-Butylbenzene	943	1770	0.070
83	30.263	105+120	1,2,4-Trimethylbenzene	992	0	0.000
84	32.364	117	Pentachloroethane	963	0	0.000
85	30.712	105+134	sec-Butylbenzene	949	0	0.000
86	31.099	119	4-Isopropyltoluene	964	0	0.000
87	31.237	146+148	1,3-Dichlorobenzene	939	0	0.000
89	31.509	146+148	1,4-Dichlorobenzene	404	1629	0.196
90	32.330	91	Benzyl Chloride	968	3678	0.353
91	32.329	91+134	n-Butylbenzene	970	5222	0.345
92	32.659	146+148	1,2-Dichlorobenzene	919	0	0.000
93	34.940	75+157	1,2-Dibromo-3-chloropropane	604	0	0.000
94	38.408	180+182	1,2,4-Trichlorobenzene	962	5017	1.265
95	37.357	225+226	Hexachlorobutadiene	930	0	0.000
96	37.785	128	Naphthalene	983	8146	2.219
97	38.408	180+182	1,2,3-Trichlorobenzene	846	5017	1.265

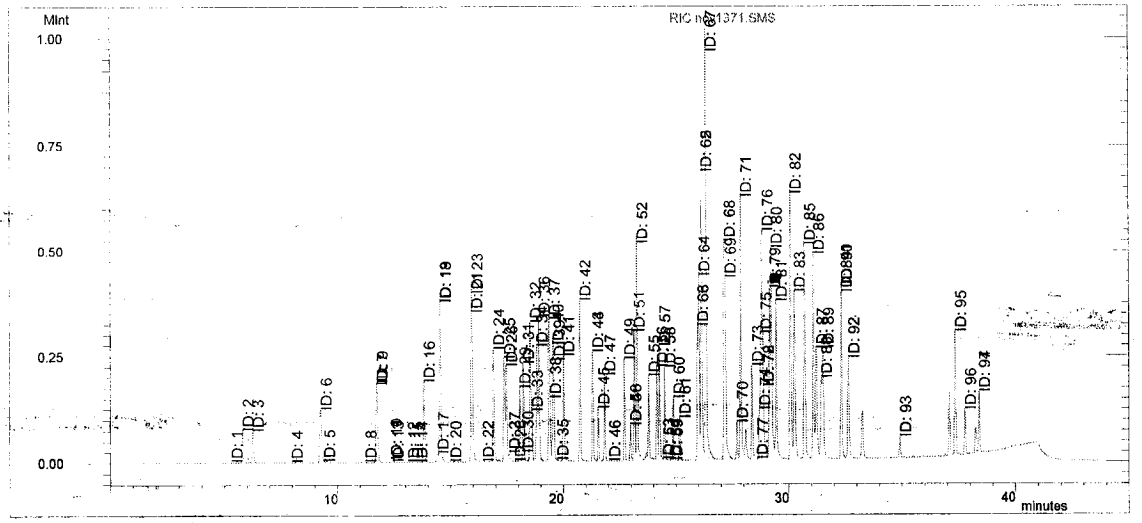
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1371.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv **Acquisition Dat** 11/20/02 2:39:00 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.010	96+70	Fluorobenzene (IS1)	999	421361	50.000
63	25.962	117	Chlorobenzene-d5(IS2)	990	268824	50.000
88	31.439	152	1,4-Dichlorobenzene-d4(IS3)	968	116552	50.000
1	5.336	85	Dichlorodifluoromethane	578	285	95.661
2	5.819	50+52	Chloromethane	995	125911	73.524
3	6.268	62+64	Vinyl Chloride	998	225601	62.917
4	7.972	94+96	Bromomethane	664	0	0.000
5	9.410	49	Chloroethane	92	0	0.000
6	9.263	101+103	Trichlorofluoromethane	994	532447	69.018
7	11.724	101+151	Trichlorotrifluoroethane (Freon 113)	858	0	0.000
8	11.233	56	Acrolein	834	0	0.000
9	11.734	96+61+98	1,1-Dichloroethene	999	589860	69.978
10	12.346	142	Iodomethane	963	2344	2344.128
11	12.365	43+58	Acetone	982	24382	51.813
12	13.126	45	Isopropyl alcohol (2-Propanol)	551	0	0.000
13	12.432	76	Carbon disulfide	982	0	0.000
14	13.497	41	Acetonitrile	632	0	0.000
15	13.292	41	Allyl chloride	736	0	0.000
16	13.831	84+49+86	Methylene Chloride	996	451997	48.337
17	14.426	59	tert-Butanol	595	44969	303.729
18	14.542	73	Methyl-tert-butyl-ether (MTBE)	921	211139	47.030
19	14.555	61+96	t-1,2-Dichloroethene	988	433096	63.216
20	14.999	53	Acrylonitrile	469	0	0.000
21	15.939	63	1,1-Dichloroethane	984	302370	62.305
22	16.433	43	Vinyl acetate	881	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.964	45	Isopropyl ether	998	396013	61.052
24	16.908	59	Ethyl-tert-butyl-ether	999	409913	58.308
25	17.387	77+41	2,2-Dichloropropane	993	370772	51.922
26	17.480	61+96	c-1,2-Dichloroethene	994	394343	54.782
27	17.591	43+72	2-Butanone (MEK)	950	36999	54.869
28	17.839	54	Propionitrile	540	0	0.000
29	18.064	130+49	Bromochloromethane	990	227689	53.230
30	18.191	39	Methacrylonitrile	422	0	0.000
31	18.237	83+85	Chloroform	998	475682	54.783
32	18.545	97+99	1,1,1-Trichloroethane	983	636003	58.015
33	18.616	111	Dibromofluoromethane (Surr1)	944	97452	54.143
34	18.834	117+119	Carbon Tetrachloride	970	510285	58.651
35	19.734	42+72	Tetrahydrofuran	618	0	0.000
36	18.920	75+39	1,1-Dichloropropene	994	0	0.000
37	19.372	78	Benzene	996	356300	53.620
38	19.415	65	1,2-Dichloroethane-d4 (Surr2)	984	116313	51.677
39	19.581	62+64	1,2-Dichloroethane	981	263792	58.598
40	19.545	73+55+87	tert-Amyl-methyl-ether	972	406820	52.520
42	20.743	130+132+95	Trichloroethene	988	530096	58.178
43	21.306	41	Methyl methacrylate	505	99567	99567.030
44	21.305	63+65	1,2-Dichloropropane	999	133030	56.359
45	21.558	93+174	Dibromomethane	958	162182	52.834
46	22.045	88	1,4-Dioxane	710	0	0.000
47	21.835	83+85	Bromodichloromethane	991	328605	50.695
48	22.969	63+43	2-Chloroethyl vinyl ether	989	77300	50.991
49	22.709	75+77+39	c-1,3-Dichloropropene	992	345929	48.989
50	22.969	43+58	4-Methyl-2-pentanone	989	108747	54.811
51	23.140	98	Toluene-d8 (Surr3)	992	387115	49.903
52	23.272	92+91	Toluene	996	1029033	53.954
53	24.436	69	Ethyl methacrylate	432	0	0.000
54	24.724	43+58+100	2-Hexanone	489	0	0.000
55	23.802	75+77	t-1,3-Dichloropropene	649	140749	48.917
56	24.165	97+99	1,1,2-Trichloroethane	973	182506	51.599
57	24.277	164+166	Tetrachloroethene	947	44501	53.637
58	24.504	76+41	1,3-Dichloropropane	986	258615	49.193
59	24.799	43	Isobutyl alcohol	333	0	0.000
60	24.891	129+127	Dibromochloromethane	954	198439	50.932
61	25.164	107+109	1,2-Dibromoethane	984	214642	49.527
62	26.120	91	1-Chlorohexane	995	741929	55.187
64	26.018	112+114	Chlorobenzene	993	550229	50.267
65	26.120	106+91	Ethylbenzene	995	1063250	52.079
66	25.962	131+117	1,1,1,2-Tetrachloroethane	995	269273	22.876
67	26.338	106+91	p,m-Xylenes	993	1733165	100.363
68	27.155	106+91	o-Xylene	998	908753	50.969
69	27.200	104+78	Styrene	988	529367	47.487
70	27.706	171+173+175	Bromoform	929	124097	52.784
71	27.879	105+120	Isopropylbenzene	999	1086417	55.323
72	28.875	75	cis-1,4-Dichloro-2-butene	969	69563	48.751
73	28.373	95	p-Bromofluorobenzene (Surr4)	987	160305	50.188
74	28.702	83+85	1,1,2,2-Tetrachloroethane	973	146153	43.365
75	28.762	77+158	Bromobenzene	985	390796	49.556
76	28.820	91+120	n-Propylbenzene	996	1135386	50.340

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.582	75	trans-1,4-Dichloro-2-butene	454	0	0.000
78	28.876	75+110	1,2,3-Trichloropropane	967	103347	49.445
79	29.163	91+126	2-Chlorotoluene	991	709913	48.789
80	29.237	105+120	1,3,5-Trimethylbenzene	998	944824	52.759
81	29.446	91+126	4-Chlorotoluene	991	652723	50.234
82	30.083	119+91	tert-Butylbenzene	984	1392321	57.852
83	30.253	105+120	1,2,4-Trimethylbenzene	994	838029	51.607
84	32.326	117	Pentachloroethane	990	3844	52.726
85	30.701	105+134	sec-Butylbenzene	996	1036222	53.685
86	31.097	119	4-Isopropyltoluene	987	676889	53.912
87	31.232	146+148	1,3-Dichlorobenzene	985	414861	49.377
89	31.513	146+148	1,4-Dichlorobenzene	984	363134	45.650
90	32.331	91	Benzyl Chloride	991	484061	48.670
91	32.331	91+134	n-Butylbenzene	991	684654	47.298
92	32.647	146+148	1,2-Dichlorobenzene	985	347465	46.266
93	34.923	75+157	1,2-Dibromo-3-chloropropane	959	48624	44.665
94	38.404	180+182	1,2,4-Trichlorobenzene	961	134414	35.485
95	37.364	225+226	Hexachlorobutadiene	939	134231	46.389
96	37.783	128	Naphthalene	977	135568	38.658
97	38.404	180+182	1,2,3-Trichlorobenzene	834	134414	35.485

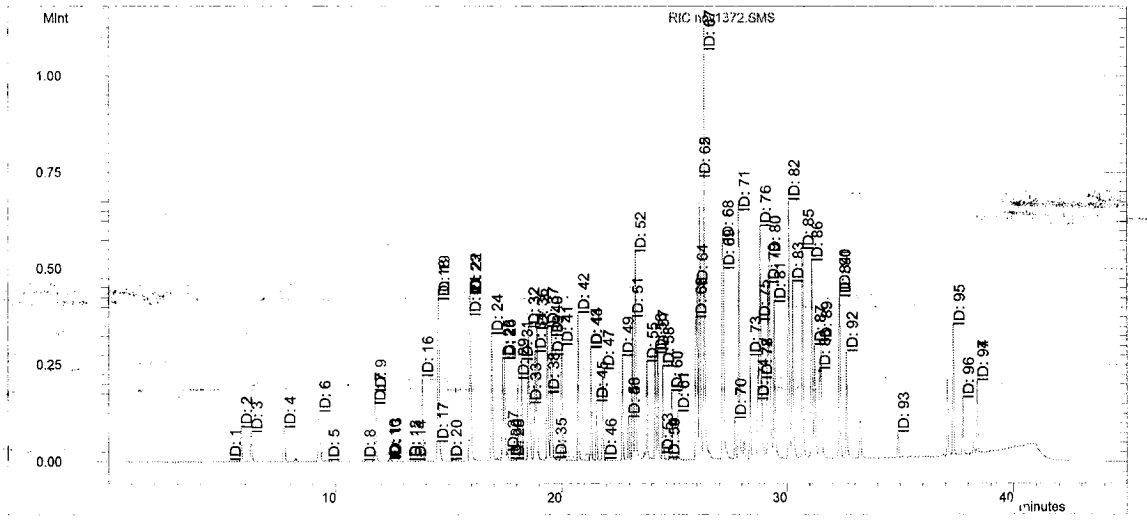
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1372.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 1 **Acquisition Dat** 11/20/02 3:26:36 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.011	96+70	Fluorobenzene (IS1)	999	497328	50.000
63	25.960	117	Chlorobenzene-d5(IS2)	991	307927	50.000
88	31.438	152	1,4-Dichlorobenzene-d4(IS3)	970	138160	50.000
1	5.334	85	Dichlorodifluoromethane	541	140	39.849
2	5.822	50+52	Chloromethane	995	137561	68.057
3	6.271	62+64	Vinyl Chloride	999	228139	53.906
4	7.735	94+96	Bromomethane	971	117125	68.779
5	9.665	49	Chloroethane	147	0	0.000
6	9.269	101+103	Trichlorofluoromethane	991	535301	58.789
7	11.716	101+151	Trichlorotrifluoroethane (Freon 113)	839	1051	60.724
8	11.267	56	Acrolein	764	0	0.000
9	11.736	96+61+98	1,1-Dichloroethene	998	553598	55.644
10	12.349	142	Iodomethane	946	1793	1793.178
11	12.396	43+58	Acetone	986	29452	53.028
12	13.265	45	Isopropyl alcohol (2-Propanol)	726	0	0.000
13	12.417	76	Carbon disulfide	898	0	0.000
14	13.506	41	Acetonitrile	473	0	0.000
15	13.277	41	Allyl chloride	760	0	0.000
16	13.832	84+49+86	Methylene Chloride	996	514492	46.616
17	14.484	59	tert-Butanol	580	46841	268.047
18	14.542	73	Methyl-tert-butyl-ether (MTBE)	927	252098	47.576
19	14.557	61+96	t-1,2-Dichloroethene	977	437677	54.126
20	15.100	53	Acrylonitrile	736	0	0.000
21	15.939	63	1,1-Dichloroethane	984	316439	55.244
22	15.965	43	Vinyl acetate	875	178230	178230.300

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.966	45	Isopropyl ether	984	440388	57.522
24	16.909	59	Ethyl-tert-butyl-ether	999	497705	59.982
25	17.387	77+41	2,2-Dichloropropane	993	392885	46.614
26	17.480	61+96	c-1,2-Dichloroethene	991	436341	51.357
27	17.600	43+72	2-Butanone (MEK)	981	46043	57.851
28	17.858	54	Propionitrile	556	0	0.000
29	18.065	130+49	Bromochloromethane	990	263433	52.179
30	17.739	39	Methacrylonitrile	522	0	0.000
31	18.238	83+85	Chloroform	1000	527123	51.435
32	18.545	97+99	1,1,1-Trichloroethane	984	674566	52.134
33	18.616	111	Dibromofluoromethane (Surr1)	934	123075	57.934
34	18.832	117+119	Carbon Tetrachloride	973	527415	51.360
35	19.723	42+72	Tetrahydrofuran	576	0	0.000
36	18.918	75+39	1,1-Dichloropropene	993	40049	7.687
37	19.371	78	Benzene	996	377899	48.183
38	19.414	65	1,2-Dichloroethane-d4 (Surr2)	973	139075	52.351
39	19.582	62+64	1,2-Dichloroethane	974	296293	55.764
40	19.546	73+55+87	tert-Amyl-methyl-ether	980	487172	53.286
42	20.741	130+132+95	Trichloroethene	988	556934	53.362
43	21.306	41	Methyl methacrylate	513	113762	113762.400
44	21.306	63+65	1,2-Dichloropropane	998	148020	54.746
45	21.557	93+174	Dibromomethane	958	194646	55.358
46	21.942	88	1,4-Dioxane	530	0	0.000
47	21.835	83+85	Bromodichloromethane	991	390377	52.577
48	22.968	63+43	2-Chloroethyl vinyl ether	990	101794	58.622
49	22.707	75+77+39	c-1,3-Dichloropropene	991	375048	46.369
50	22.968	43+58	4-Methyl-2-pentanone	990	137483	60.496
51	23.140	98	Toluene-d8 (Surr3)	993	451656	50.829
52	23.271	92+91	Toluene	997	1109251	50.774
53	24.458	69	Ethyl methacrylate	590	0	0.000
54	24.745	43+58+100	2-Hexanone	363	0	0.000
55	23.801	75+77	t-1,3-Dichloropropene	655	169301	51.368
56	24.164	97+99	1,1,2-Trichloroethane	973	223641	55.199
57	24.276	164+166	Tetrachloroethene	933	45118	47.474
58	24.502	76+41	1,3-Dichloropropane	992	297856	49.462
59	24.745	43	Isobutyl alcohol	547	0	0.000
60	24.890	129+127	Dibromochloromethane	956	237289	53.169
61	25.162	107+109	1,2-Dibromoethane	982	268417	54.070
62	26.119	91	1-Chlorohexane	997	772856	50.187
64	26.017	112+114	Chlorobenzene	994	592500	47.255
65	26.119	106+91	Ethylbenzene	997	1104586	45.643
66	25.960	131+117	1,1,1,2-Tetrachloroethane	997	308174	22.087
67	26.331	106+91	p,m-Xylenes	993	1877397	91.712
68	27.154	106+91	o-Xylene	999	996583	47.153
69	27.199	104+78	Styrene	987	603782	45.691
70	27.704	171+173+175	Bromoform	934	146358	52.516
71	27.877	105+120	Isopropylbenzene	999	1120773	48.146
72	28.874	75	cis-1,4-Dichloro-2-butene	968	86367	51.061
73	28.372	95	p-Bromofluorobenzene (Surr4)	987	200217	52.880
74	28.700	83+85	1,1,2,2-Tetrachloroethane	985	192291	48.132
75	28.760	77+158	Bromobenzene	985	464760	49.718
76	28.818	91+120	n-Propylbenzene	995	1253388	46.881

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.874	75	trans-1,4-Dichloro-2-butene	965	86367	51.061
78	28.874	75+110	1,2,3-Trichloropropane	966	132304	53.400
79	29.162	91+126	2-Chlorotoluene	991	779032	45.166
80	29.236	105+120	1,3,5-Trimethylbenzene	998	1005057	47.345
81	29.445	91+126	4-Chlorotoluene	992	718353	46.639
82	30.082	119+91	tert-Butylbenzene	985	1424143	49.920
83	30.254	105+120	1,2,4-Trimethylbenzene	995	978639	50.841
84	32.323	117	Pentachloroethane	990	3896	45.075
85	30.700	105+134	sec-Butylbenzene	996	1104374	48.267
86	31.097	119	4-Isopropyltoluene	988	711046	47.775
87	31.231	146+148	1,3-Dichlorobenzene	986	464855	46.675
89	31.512	146+148	1,4-Dichlorobenzene	978	424799	45.051
90	32.331	91	Benzyl Chloride	993	528350	44.815
91	32.331	91+134	n-Butylbenzene	992	747000	43.535
92	32.646	146+148	1,2-Dichlorobenzene	985	420353	47.218
93	34.920	75+157	1,2-Dibromo-3-chloropropane	962	65168	50.500
94	38.404	180+182	1,2,4-Trichlorobenzene	956	178626	39.782
95	37.363	225+226	Hexachlorobutadiene	936	153882	44.863
96	37.782	128	Naphthalene	976	195255	46.970
97	38.404	180+182	1,2,3-Trichlorobenzene	848	178626	39.782

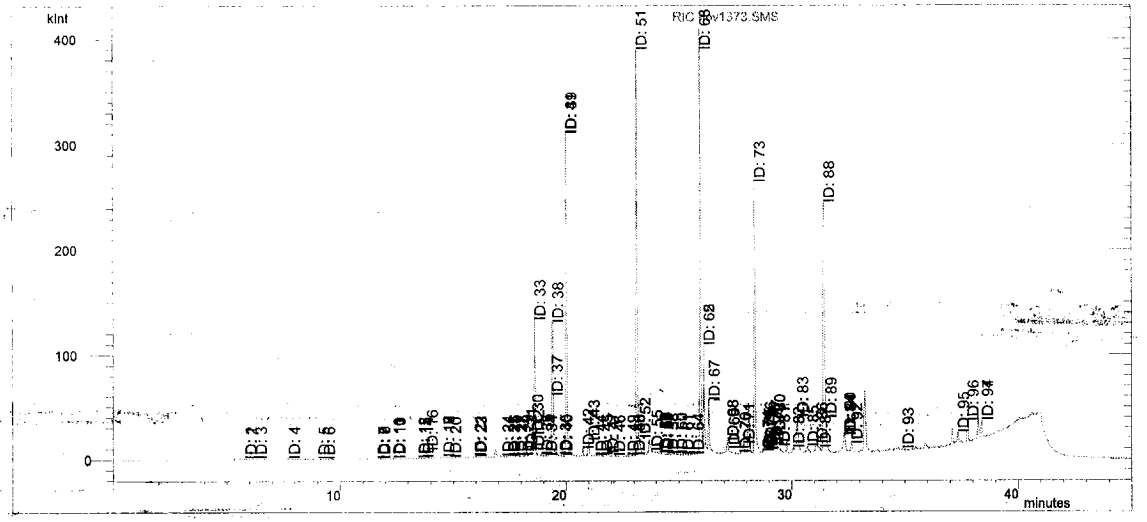
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1373.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-074 5.20g **Acquisition Dat** 11/20/02 4:14:03 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.011	96+70	Fluorobenzene (IS1)	999	515010	50.000
63	25.961	117	Chlorobenzene-d5(IS2)	983	330853	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	978	147182	50.000
1	5.817	85	Dichlorodifluoromethane	145	0	0.000
2	5.833	50+52	Chloromethane	615	0	0.000
3	6.279	62+64	Vinyl Chloride	762	0	0.000
4	7.743	94+96	Bromomethane	902	0	0.000
5	9.037	49	Chloroethane	657	0	0.000
6	9.270	101+103	Trichlorofluoromethane	873	0	0.000
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	736	0	0.000
8	11.693	56	Acrolein	757	0	0.000
9	11.728	96+61+98	1,1-Dichloroethene	939	1310	0.127
10	12.345	142	Iodomethane	897	222	222.096
11	12.399	43+58	Acetone	790	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	169	0	0.000
13	12.411	76	Carbon disulfide	860	0	0.000
14	13.642	41	Acetonitrile	680	0	0.000
15	13.488	41	Allyl chloride	612	0	0.000
16	13.832	84+49+86	Methylene Chloride	985	17160	1.501
17	14.553	59	tert-Butanol	515	0	0.000
18	14.567	73	Methyl-tert-butyl-ether (MTBE)	849	759	0.138
19	14.553	61+96	t-1,2-Dichloroethene	915	0	0.000
20	14.861	53	Acrylonitrile	638	0	0.000
21	15.938	63	1,1-Dichloroethane	948	2502	0.422
22	15.990	43	Vinyl acetate	110	0	0.000

X 0.96

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.002	45	Isopropyl ether	488	0	0.000
24	17.181	59	Ethyl-tert-butyl-ether	599	0	0.000
25	17.426	77+41	2,2-Dichloropropane	429	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	893	0	0.000
27	17.746	43+72	2-Butanone (MEK)	212	0	0.000
28	17.797	54	Propionitrile	557	0	0.000
29	18.065	130+49	Bromochloromethane	940	0	0.000
30	18.505	39	Methacrylonitrile	660	8053	1.703
31	18.238	83+85	Chloroform	996	12205	1.150
32	18.555	97+99	1,1,1-Trichloroethane	700	0	0.000
33	18.616	111	Dibromofluoromethane (Surr1)	904	120695	54.863
34	19.114	117+119	Carbon Tetrachloride	571	0	0.000
35	19.737	42+72	Tetrahydrofuran	783	0	0.000
36	18.920	75+39	1,1-Dichloropropene	680	186	0.035
37	19.373	78	Benzene	991	40388	4.973
38	19.414	65	1,2-Dichloroethane-d4 (Surr2)	978	169348	61.558
39	20.011	62+64	1,2-Dichloroethane	455	12485	2.269
40	19.789	73+55+87	tert-Amyl-methyl-ether	623	0	0.000
42	20.746	130+132+95	Trichloroethene	972	7932	0.707
43	21.000	41	Methyl methacrylate	427	3482	3481.529
44	21.303	63+65	1,2-Dichloropropane	506	0	0.000
45	21.560	93+174	Dibromomethane	907	0	0.000
46	22.124	88	1,4-Dioxane	359	0	0.000
47	21.833	83+85	Bromodichloromethane	937	4255	0.533
48	22.996	63+43	2-Chloroethyl vinyl ether	583	0	0.000
49	22.712	75+77+39	c-1,3-Dichloropropene	763	0	0.000
50	22.984	43+58	4-Methyl-2-pentanone	583	0	0.000
51	23.140	98	Toluene-d8 (Surr3)	993	469263	49.151
52	23.273	92+91	Toluene	944	16095	0.686
53	24.161	69	Ethyl methacrylate	501	0	0.000
54	24.213	43+58+100	2-Hexanone	451	1008	1007.803
55	23.802	75+77	t-1,3-Dichloropropene	466	0	0.000
56	24.173	97+99	1,1,2-Trichloroethane	749	0	0.000
57	24.283	164+166	Tetrachloroethene	842	149	0.146
58	24.508	76+41	1,3-Dichloropropane	775	0	0.000
59	24.214	43	Isobutyl alcohol	647	718	717.642
60	24.890	129+127	Dibromochloromethane	884	960	0.200
61	25.175	107+109	1,2-Dibromoethane	876	0	0.000
62	26.121	91	1-Chlorohexane	989	110843	6.699
64	25.625	112+114	Chlorobenzene	725	0	0.000
65	26.121	106+91	Ethylbenzene	989	156433	6.068
66	25.961	131+117	1,1,1,2-Tetrachloroethane	990	330886	22.261
67	26.345	106+91	p,m-Xylenes	987	72409	3.320
68	27.156	106+91	o-Xylene	995	16807	0.746
69	27.210	104+78	Styrene	934	0	0.000
70	27.703	171+173+175	Bromoform	802	528	0.178
71	27.880	105+120	Isopropylbenzene	998	12656	0.510
72	28.898	75	cis-1,4-Dichloro-2-butene	699	0	0.000
73	28.374	95	p-Bromofluorobenzene (Surr4)	988	204848	50.787
74	28.713	83+85	1,1,2,2-Tetrachloroethane	767	0	0.000
75	28.764	77+158	Bromobenzene	966	3082	0.309
76	28.821	91+120	n-Propylbenzene	991	14883	0.523

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#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.082	75	trans-1,4-Dichloro-2-butene	522	0	0.000
78	28.870	75+110	1,2,3-Trichloropropane	676	0	0.000
79	29.175	91+126	2-Chlorotoluene	921	0	0.000
80	29.240	105+120	1,3,5-Trimethylbenzene	995	16610	0.734
81	29.438	91+126	4-Chlorotoluene	962	0	0.000
82	30.081	119+91	tert-Butylbenzene	957	0	0.000
83	30.256	105+120	1,2,4-Trimethylbenzene	993	90352	4.406
84	32.355	117	Pentachloroethane	988	0	0.000
85	30.712	105+134	sec-Butylbenzene	994	13757	0.564
86	31.098	119	4-Isopropyltoluene	983	13215	0.834
87	31.241	146+148	1,3-Dichlorobenzene	969	3790	0.357
89	31.514	146+148	1,4-Dichlorobenzene	640	10906	1.086
90	32.337	91	Benzyl Chloride	989	22614	1.801
91	32.339	91+134	n-Butylbenzene	990	30414	1.664
92	32.653	146+148	1,2-Dichlorobenzene	972	10364	1.093
93	34.923	75+157	1,2-Dibromo-3-chloropropane	803	0	0.000
94	38.409	180+182	1,2,4-Trichlorobenzene	967	15044	3.145
95	37.362	225+226	Hexachlorobutadiene	938	4339	1.187
96	37.784	128	Naphthalene	976	27056	6.110
97	38.409	180+182	1,2,3-Trichlorobenzene	853	15044	3.145

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Associated Laboratories

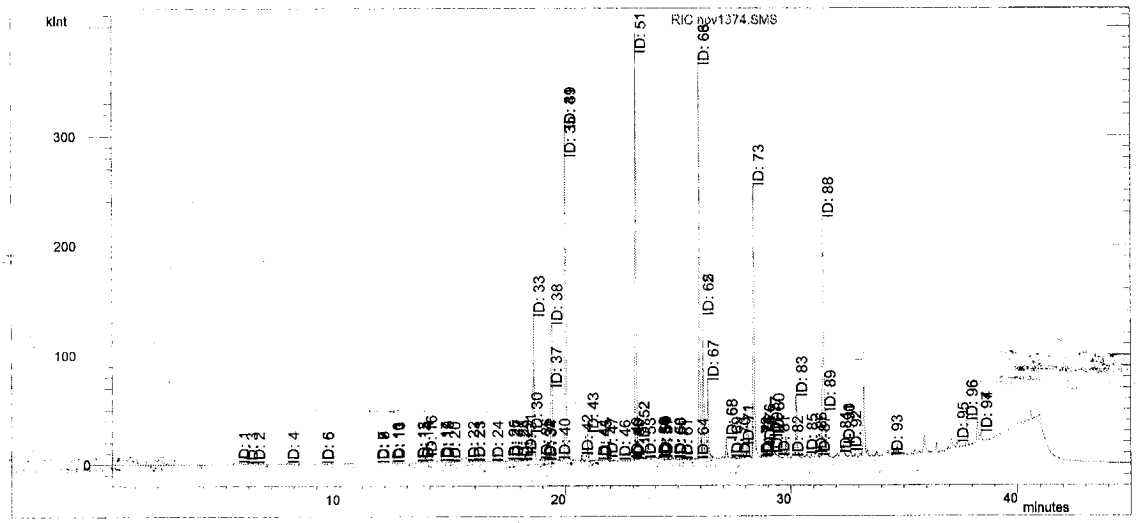
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1374.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-075 5.48g **Acquisition Dat** 11/20/02 5:01:27 PM

Inj. Notes: **Operator Name:** dp

X 0.91



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.010	96+70	Fluorobenzene (IS1)	999	509361	50.000
63	25.959	117	Chlorobenzene-d5(IS2)	988	312793	50.000
88	31.436	152	1,4-Dichlorobenzene-d4(IS3)	974	137660	50.000
1	5.576	85	Dichlorodifluoromethane	97	0	0.000
2	6.228	50+52	Chloromethane	595	0	0.000
3	5.908	62+64	Vinyl Chloride	697	0	0.000
4	7.744	94+96	Bromomethane	877	478	0.274
5	9.242	49	Chloroethane	687	0	0.000
6	9.282	101+103	Trichlorofluoromethane	802	0	0.000
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	812	0	0.000
8	11.704	56	Acrolein	732	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	887	0	0.000
10	12.345	142	Iodomethane	924	183	183.499
11	12.399	43+58	Acetone	832	0	0.000
12	13.460	45	Isopropyl alcohol (2-Propanol)	273	0	0.000
13	12.418	76	Carbon disulfide	857	833	37.876
14	13.666	41	Acetonitrile	822	0	0.000
15	13.488	41	Allyl chloride	649	0	0.000
16	13.827	84+49+86	Methylene Chloride	983	15836	1.401
17	14.474	59	tert-Butanol	527	0	0.000
18	14.577	73	Methyl-tert-butyl-ether (MTBE)	828	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	838	0	0.000
20	14.873	53	Acrylonitrile	527	0	0.000
21	15.950	63	1,1-Dichloroethane	912	0	0.000
22	15.706	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.962	45	Isopropyl ether	386	0	0.000
24	16.771	59	Ethyl-tert-butyl-ether	629	0	0.000
25	17.516	77+41	2,2-Dichloropropane	450	0	0.000
26	17.488	61+96	c-1,2-Dichloroethene	857	0	0.000
27	17.630	43+72	2-Butanone (MEK)	199	0	0.000
28	17.914	54	Propionitrile	626	0	0.000
29	18.069	130+49	Bromochloromethane	915	549	0.106
30	18.505	39	Methacrylonitrile	625	11702	2.502
31	18.236	83+85	Chloroform	995	12013	1.144
32	19.063	97+99	1,1,1-Trichloroethane	515	0	0.000
33	18.614	111	Dibromofluoromethane (Surr1)	795	122017	56.079
34	19.126	117+119	Carbon Tetrachloride	631	0	0.000
35	20.017	42+72	Tetrahydrofuran	325	357	357.433
36	18.923	75+39	1,1-Dichloropropene	552	243	0.045
37	19.371	78	Benzene	992	50928	6.340
38	19.412	65	1,2-Dichloroethane-d4 (Surr2)	980	159252	58.530
39	20.010	62+64	1,2-Dichloroethane	486	12894	2.369
40	19.735	73+55+87	tert-Amyl-methyl-ether	581	0	0.000
42	20.744	130+132+95	Trichloroethene	984	6401	0.604
43	20.995	41	Methyl methacrylate	458	6031	6031.495
44	21.467	63+65	1,2-Dichloropropane	532	0	0.000
45	21.558	93+174	Dibromomethane	885	0	0.000
46	22.402	88	1,4-Dioxane	376	0	0.000
47	21.835	83+85	Bromodichloromethane	955	4317	0.572
48	23.006	63+43	2-Chloroethyl vinyl ether	503	0	0.000
49	22.927	75+77+39	c-1,3-Dichloropropene	541	0	0.000
50	23.006	43+58	4-Methyl-2-pentanone	504	0	0.000
51	23.138	98	Toluene-d8 (Surr3)	993	467351	51.777
52	23.271	92+91	Toluene	937	14447	0.651
53	23.526	69	Ethyl methacrylate	600	0	0.000
54	24.208	43+58+100	2-Hexanone	645	2147	2146.874
55	24.196	75+77	t-1,3-Dichloropropene	516	0	0.000
56	24.157	97+99	1,1,2-Trichloroethane	699	0	0.000
57	24.273	164+166	Tetrachloroethene	883	136	0.141
58	24.848	76+41	1,3-Dichloropropane	588	0	0.000
59	24.208	43	Isobutyl alcohol	852	1769	1768.633
60	24.890	129+127	Dibromochloromethane	856	574	0.127
61	25.171	107+109	1,2-Dibromoethane	790	0	0.000
62	26.118	91	1-Chlorohexane	984	147226	9.412
64	25.862	112+114	Chlorobenzene	592	0	0.000
65	26.118	106+91	Ethylbenzene	984	207812	8.618
66	25.959	131+117	1,1,1,2-Tetrachloroethane	993	306436	22.042
67	26.341	106+91	p,m-Xylenes	988	112737	5.527
68	27.152	106+91	o-Xylene	995	25637	1.217
69	27.378	104+78	Styrene	826	0	0.000
70	27.711	171+173+175	Bromoform	785	299	0.108
71	27.880	105+120	Isopropylbenzene	998	17724	0.764
72	28.675	75	cis-1,4-Dichloro-2-butene	657	0	0.000
73	28.370	95	p-Bromofluorobenzene (Surr4)	990	198916	52.727
74	28.714	83+85	1,1,2,2-Tetrachloroethane	676	0	0.000
75	28.765	77+158	Bromobenzene	932	0	0.000
76	28.626	91+120	n-Propylbenzene	993	21588	0.810

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#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.081	75	trans-1,4-Dichloro-2-butene	488	0	0.000
78	28.675	75+110	1,2,3-Trichloropropane	599	0	0.000
79	29.146	91+126	2-Chlorotoluene	598	0	0.000
80	29.235	105+120	1,3,5-Trimethylbenzene	997	38132	1.803
81	29.456	91+126	4-Chlorotoluene	723	0	0.000
82	30.073	119+91	tert-Butylbenzene	959	0	0.000
83	30.252	105+120	1,2,4-Trimethylbenzene	994	127356	6.640
84	32.175	117	Pentachloroethane	974	4948	57.464
85	30.708	105+134	sec-Butylbenzene	985	0	0.000
86	31.103	119	4-Isopropyltoluene	972	0	0.000
87	31.235	146+148	1,3-Dichlorobenzene	933	1847	0.186
89	31.508	146+148	1,4-Dichlorobenzene	581	6720	0.715
90	32.335	91	Benzyl Chloride	981	10029	0.854
91	32.334	91+134	n-Butylbenzene	970	9541	0.558
92	32.648	146+148	1,2-Dichlorobenzene	978	6082	0.686
93	34.467	75+157	1,2-Dibromo-3-chloropropane	655	0	0.000
94	38.405	180+182	1,2,4-Trichlorobenzene	957	8173	1.827
95	37.361	225+226	Hexachlorobutadiene	900	1534	0.449
96	37.780	128	Naphthalene	976	29785	7.191
97	38.405	180+182	1,2,3-Trichlorobenzene	835	8173	1.827

Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1375.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-076 5.67g **Acquisition Dat** 11/20/02 5:48:35 PM

Inj. Notes: **Operator Name:** dp

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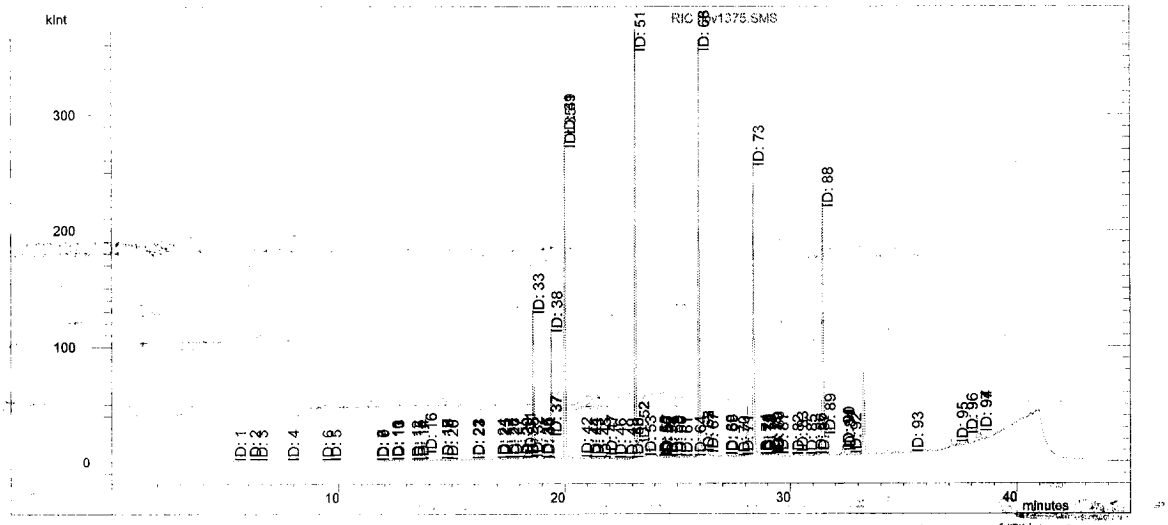


#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.011	96+70	Fluorobenzene (IS1)	999	484859	50.000
63	25.961	117	Chlorobenzene-d5(IS2)	988	300471	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	978	134262	50.000
1	5.422	85	Dichlorodifluoromethane	107	0	0.000
2	6.074	50+52	Chloromethane	650	0	0.000
3	6.370	62+64	Vinyl Chloride	651	0	0.000
4	7.767	94+96	Bromomethane	883	0	0.000
5	9.629	49	Chloroethane	96	0	0.000
6	9.268	101+103	Trichlorofluoromethane	853	180	0.020
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	823	0	0.000
8	11.681	56	Acrolein	745	0	0.000
9	11.744	96+61+98	1,1-Dichloroethene	900	0	0.000
10	12.340	142	Iodomethane	927	205	204.924
11	12.384	43+58	Acetone	836	0	0.000
12	13.232	45	Isopropyl alcohol (2-Propanol)	329	0	0.000
13	12.423	76	Carbon disulfide	865	0	0.000
14	13.488	41	Acetonitrile	482	0	0.000
15	13.334	41	Allyl chloride	702	0	0.000
16	13.831	84+49+86	Methylene Chloride	977	14704	1.367
17	14.565	59	tert-Butanol	413	0	0.000
18	14.554	73	Methyl-tert-butyl-ether (MTBE)	869	0	0.000
19	14.577	61+96	t-1,2-Dichloroethene	826	0	0.000
20	14.795	53	Acrylonitrile	744	0	0.000
21	15.939	63	1,1-Dichloroethane	904	0	0.000
22	15.923	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.962	45	Isopropyl ether	356	0	0.000
24	17.028	59	Ethyl-tert-butyl-ether	717	0	0.000
25	17.118	77+41	2,2-Dichloropropane	450	0	0.000
26	17.489	61+96	c-1,2-Dichloroethene	856	0	0.000
27	17.616	43+72	2-Butanone (MEK)	746	0	0.000
28	18.350	54	Propionitrile	381	0	0.000
29	18.074	130+49	Bromochloromethane	930	516	0.105
30	18.129	39	Methacrylonitrile	460	0	0.000
31	18.239	83+85	Chloroform	995	12041	1.205
32	18.539	97+99	1,1,1-Trichloroethane	789	0	0.000
33	18.617	111	Dibromofluoromethane (Surr1)	915	118309	57.123
34	19.060	117+119	Carbon Tetrachloride	776	0	0.000
35	20.020	42+72	Tetrahydrofuran	320	365	364.981
36	18.981	75+39	1,1-Dichloropropene	487	0	0.000
37	19.375	78	Benzene	766	787	0.103
38	19.413	65	1,2-Dichloroethane-d4 (Surr2)	940	158795	61.312
39	20.012	62+64	1,2-Dichloroethane	561	12143	2.344
40	19.060	73+55+87	tert-Amyl-methyl-ether	435	0	0.000
42	20.745	130+132+95	Trichloroethene	886	1144	0.112
43	21.238	41	Methyl methacrylate	362	0	0.000
44	21.096	63+65	1,2-Dichloropropane	511	0	0.000
45	21.557	93+174	Dibromomethane	806	319	0.093
46	22.237	88	1,4-Dioxane	393	0	0.000
47	21.836	83+85	Bromodichloromethane	937	4431	0.612
48	22.994	63+43	2-Chloroethyl vinyl ether	295	0	0.000
49	22.726	75+77+39	c-1,3-Dichloropropene	586	0	0.000
50	22.994	43+58	4-Methyl-2-pentanone	670	0	0.000
51	23.140	98	Toluene-d8 (Surr3)	993	447633	51.626
52	23.274	92+91	Toluene	952	11947	0.560
53	23.567	69	Ethyl methacrylate	473	0	0.000
54	24.531	43+58+100	2-Hexanone	415	0	0.000
55	24.199	75+77	t-1,3-Dichloropropene	444	0	0.000
56	24.326	97+99	1,1,2-Trichloroethane	685	0	0.000
57	24.281	164+166	Tetrachloroethene	892	356	0.384
58	24.748	76+41	1,3-Dichloropropane	512	0	0.000
59	24.748	43	Isobutyl alcohol	556	0	0.000
60	24.890	129+127	Dibromochloromethane	903	0	0.000
61	25.174	107+109	1,2-Dibromoethane	665	0	0.000
62	26.127	91	1-Chlorohexane	931	751	0.050
64	25.774	112+114	Chlorobenzene	624	0	0.000
65	26.126	106+91	Ethylbenzene	921	1207	0.051
66	25.961	131+117	1,1,1,2-Tetrachloroethane	993	300449	22.158
67	26.335	106+91	p,m-Xylenes	980	0	0.000
68	27.156	106+91	o-Xylene	923	0	0.000
69	27.207	104+78	Styrene	941	0	0.000
70	27.708	171+173+175	Bromoform	808	0	0.000
71	27.885	105+120	Isopropylbenzene	961	947	0.042
72	28.868	75	cis-1,4-Dichloro-2-butene	641	0	0.000
73	28.373	95	p-Bromofluorobenzene (Surr4)	990	193592	52.615
74	28.687	83+85	1,1,2,2-Tetrachloroethane	584	0	0.000
75	28.766	77+158	Bromobenzene	928	0	0.000
76	28.829	91+120	n-Propylbenzene	904	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.085	75	trans-1,4-Dichloro-2-butene	494	0	0.000
78	28.880	75+110	1,2,3-Trichloropropane	589	0	0.000
79	29.176	91+126	2-Chlorotoluene	918	0	0.000
80	29.242	105+120	1,3,5-Trimethylbenzene	977	0	0.000
81	29.435	91+126	4-Chlorotoluene	920	0	0.000
82	30.089	119+91	tert-Butylbenzene	928	0	0.000
83	30.294	105+120	1,2,4-Trimethylbenzene	993	0	0.000
84	32.386	117	Pentachloroethane	984	0	0.000
85	30.704	105+134	sec-Butylbenzene	973	0	0.000
86	31.115	119	4-Isopropyltoluene	968	0	0.000
87	31.233	146+148	1,3-Dichlorobenzene	944	0	0.000
89	31.524	146+148	1,4-Dichlorobenzene	457	0	0.000
90	32.329	91	Benzyl Chloride	981	6681	0.583
91	32.340	91+134	n-Butylbenzene	984	8771	0.526
92	32.654	146+148	1,2-Dichlorobenzene	961	0	0.000
93	35.394	75+157	1,2-Dibromo-3-chloropropane	784	0	0.000
94	38.410	180+182	1,2,4-Trichlorobenzene	962	6730	1.542
95	37.365	225+226	Hexachlorobutadiene	895	0	0.000
96	37.788	128	Naphthalene	973	11243	2.783
97	38.410	180+182	1,2,3-Trichlorobenzene	855	6730	1.542

Associated Laboratories

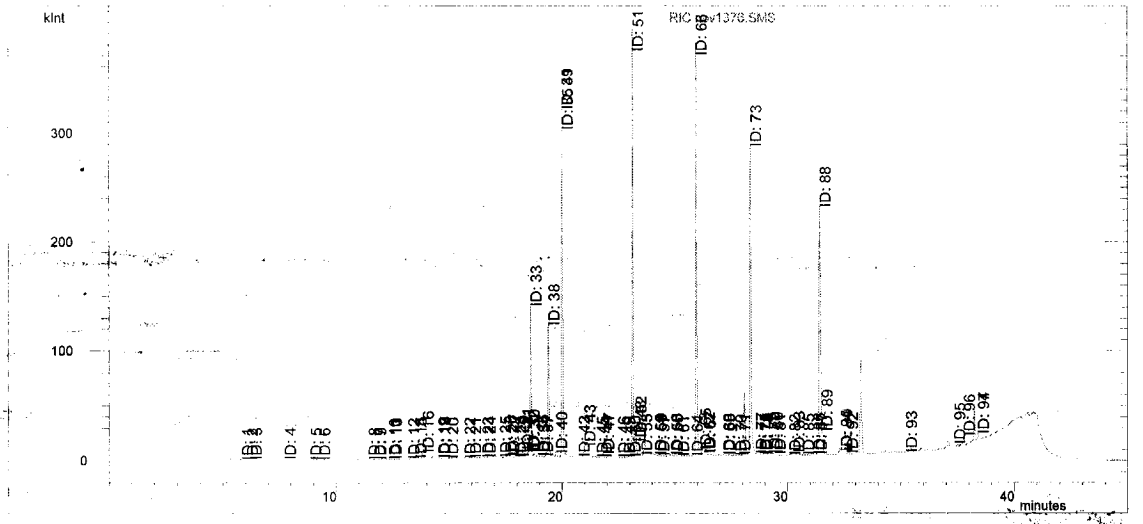
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1376.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-077 5.96g **Acquisition Dat** 11/20/02 6:35:42 PM

Inj. Notes: **Operator Name:** dp

x 0.84



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	530930	50.000
63	25.953	117	Chlorobenzene-d5(IS2)	982	322952	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	977	145071	50.000
1	5.845	85	Dichlorodifluoromethane	103	0	0.000
2	6.062	50+52	Chloromethane	506	0	0.000
3	6.228	62+64	Vinyl Chloride	651	0	0.000
4	7.743	94+96	Bromomethane	884	0	0.000
5	8.872	49	Chloroethane	111	0	0.000
6	9.243	101+103	Trichlorofluoromethane	774	0	0.000
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	834	0	0.000
8	11.425	56	Acrolein	737	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	741	0	0.000
10	12.336	142	Iodomethane	918	148	148.278
11	12.399	43+58	Acetone	747	0	0.000
12	13.193	45	Isopropyl alcohol (2-Propanol)	381	0	0.000
13	12.414	76	Carbon disulfide	865	904	39.419
14	13.500	41	Acetonitrile	570	0	0.000
15	13.500	41	Allyl chloride	655	0	0.000
16	13.824	84+49+86	Methylene Chloride	978	14929	1.267
17	14.566	59	tert-Butanol	416	0	0.000
18	14.566	73	Methyl-tert-butyl-ether (MTBE)	892	0	0.000
19	14.514	61+96	t-1,2-Dichloroethene	749	0	0.000
20	14.925	53	Acrylonitrile	535	0	0.000
21	15.939	63	1,1-Dichloroethane	749	0	0.000
22	15.682	43	Vinyl acetate	123	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.476	45	Isopropyl ether	332	0	0.000
24	16.566	59	Ethyl-tert-butyl-ether	560	0	0.000
25	17.245	77+41	2,2-Dichloropropane	445	0	0.000
26	17.490	61+96	c-1,2-Dichloroethene	629	0	0.000
27	17.604	43+72	2-Butanone (MEK)	201	0	0.000
28	17.928	54	Propionitrile	488	0	0.000
29	18.058	130+49	Bromochloromethane	904	531	0.099
30	18.503	39	Methacrylonitrile	558	0	0.000
31	18.231	83+85	Chloroform	984	13004	1.189
32	18.531	97+99	1,1,1-Trichloroethane	627	0	0.000
33	18.608	111	Dibromofluoromethane (Surr1)	939	122143	53.856
34	18.982	117+119	Carbon Tetrachloride	712	0	0.000
35	20.007	42+72	Tetrahydrofuran	326	390	390.244
36	18.919	75+39	1,1-Dichloropropene	548	0	0.000
37	19.108	78	Benzene	775	0	0.000
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	930	171793	60.575
39	20.003	62+64	1,2-Dichloroethane	461	13061	2.303
40	19.742	73+55+87	tert-Amyl-methyl-ether	610	0	0.000
42	20.736	130+132+95	Trichloroethene	896	0	0.000
43	20.993	41	Methyl methacrylate	499	2582	2582.300
44	21.725	63+65	1,2-Dichloropropane	421	0	0.000
45	21.547	93+174	Dibromomethane	845	0	0.000
46	22.494	88	1,4-Dioxane	429	0	0.000
47	21.828	83+85	Bromodichloromethane	957	4514	0.580
48	23.234	63+43	2-Chloroethyl vinyl ether	487	0	0.000
49	22.739	75+77+39	c-1,3-Dichloropropene	616	0	0.000
50	22.996	43+58	4-Methyl-2-pentanone	337	0	0.000
51	23.132	98	Toluene-d8 (Surr3)	993	481305	51.645
52	23.264	92+91	Toluene	917	13918	0.607
53	23.517	69	Ethyl methacrylate	574	0	0.000
54	24.152	43+58+100	2-Hexanone	424	0	0.000
55	23.517	75+77	t-1,3-Dichloropropene	507	0	0.000
56	24.152	97+99	1,1,2-Trichloroethane	509	0	0.000
57	24.279	164+166	Tetrachloroethene	639	0	0.000
58	24.843	76+41	1,3-Dichloropropane	600	0	0.000
59	24.137	43	Isobutyl alcohol	518	0	0.000
60	24.889	129+127	Dibromochloromethane	889	765	0.163
61	25.151	107+109	1,2-Dibromoethane	805	0	0.000
62	26.298	91	1-Chlorohexane	872	0	0.000
64	25.754	112+114	Chlorobenzene	620	0	0.000
65	26.121	106+91	Ethylbenzene	867	0	0.000
66	25.953	131+117	1,1,1,2-Tetrachloroethane	989	322544	22.015
67	26.337	106+91	p,m-Xylenes	968	0	0.000
68	27.146	106+91	o-Xylene	932	0	0.000
69	27.209	104+78	Styrene	945	0	0.000
70	27.689	171+173+175	Bromoform	785	281	0.096
71	27.874	105+120	Isopropylbenzene	937	1140	0.047
72	28.856	75	cis-1,4-Dichloro-2-butene	713	0	0.000
73	28.364	95	p-Bromofluorobenzene (Surr4)	988	214163	53.869
74	28.817	83+85	1,1,2,2-Tetrachloroethane	651	0	0.000
75	28.754	77+158	Bromobenzene	908	0	0.000
76	28.814	91+120	n-Propylbenzene	916	266	0.009

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.588	75	trans-1,4-Dichloro-2-butene	543	0	0.000
78	28.856	75+110	1,2,3-Trichloropropane	669	0	0.000
79	29.164	91+126	2-Chlorotoluene	843	0	0.000
80	29.306	105+120	1,3,5-Trimethylbenzene	969	0	0.000
81	29.432	91+126	4-Chlorotoluene	802	0	0.000
82	30.087	119+91	tert-Butylbenzene	922	0	0.000
83	30.268	105+120	1,2,4-Trimethylbenzene	993	0	0.000
84	32.369	117	Pentachloroethane	977	0	0.000
85	30.690	105+134	sec-Butylbenzene	967	0	0.000
86	31.152	119	4-Isopropyltoluene	948	0	0.000
87	31.243	146+148	1,3-Dichlorobenzene	904	0	0.000
89	31.509	146+148	1,4-Dichlorobenzene	430	0	0.000
90	32.357	91	Benzyl Chloride	972	2528	0.204
91	32.357	91+134	n-Butylbenzene	967	3190	0.177
92	32.637	146+148	1,2-Dichlorobenzene	906	0	0.000
93	35.239	75+157	1,2-Dibromo-3-chloropropane	522	0	0.000
94	38.404	180+182	1,2,4-Trichlorobenzene	964	5224	1.108
95	37.363	225+226	Hexachlorobutadiene	903	0	0.000
96	37.783	128	Naphthalene	968	9259	2.121
97	38.404	180+182	1,2,3-Trichlorobenzene	838	5224	1.108

Associated Laboratories

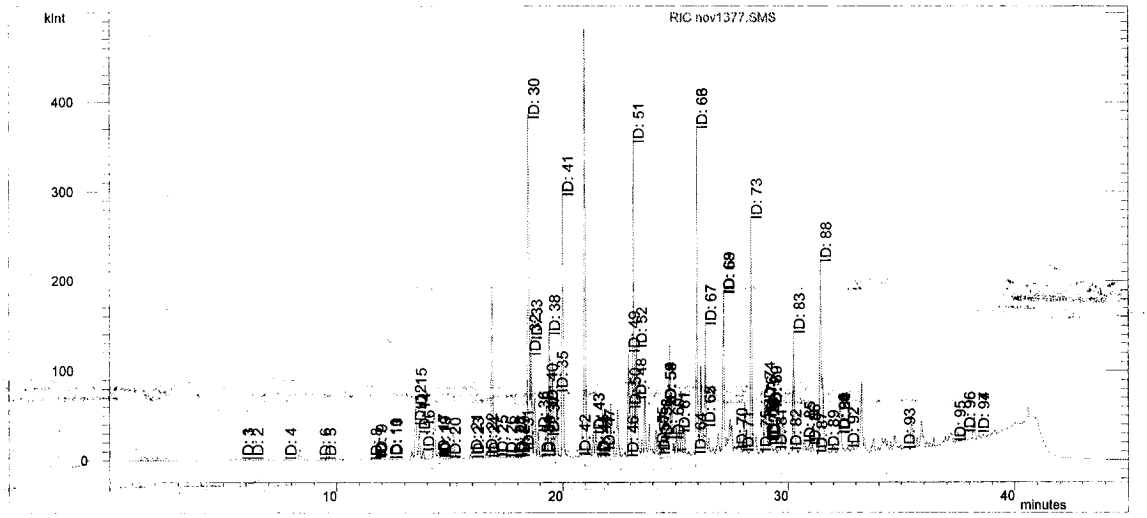
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1377.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-078 5.86g **Acquisition Dat** 11/20/02 7:22:34 PM

Inj. Notes: **Operator Name:** dp

X085



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.007	96+70	Fluorobenzene (IS1)	998	490260	50.000
63	25.958	117	Chlorobenzene-d5(IS2)	982	294784	50.000
88	31.435	152	1,4-Dichlorobenzene-d4(IS3)	980	131536	50.000
1	5.833	85	Dichlorodifluoromethane	49	0	0.000
2	6.279	50+52	Chloromethane	605	0	0.000
3	5.857	62+64	Vinyl Chloride	615	0	0.000
4	7.750	94+96	Bromomethane	878	308	0.184
5	9.489	49	Chloroethane	652	0	0.000
6	9.249	101+103	Trichlorofluoromethane	799	122	0.014
7	11.694	101+151	Trichlorotrifluoroethane (Freon 113)	813	0	0.000
8	11.504	56	Acrolein	837	0	0.000
9	11.736	96+61+98	1,1-Dichloroethene	983	11033	1.125
10	12.359	142	Iodomethane	923	268	268.499
11	12.388	43+58	Acetone	859	1959	3.577
12	13.467	45	Isopropyl alcohol (2-Propanol)	337	0	0.000
13	12.412	76	Carbon disulfide	859	0	0.000
14	13.646	41	Acetonitrile	829	20789	9.171
15	13.496	41	Allyl chloride	681	50943	2665.597
16	13.830	84+49+86	Methylene Chloride	992	19488	1.791
17	14.476	59	tert-Butanol	482	8511	49.407
18	14.566	73	Methyl-tert-butyl-ether (MTBE)	713	0	0.000
19	14.542	61+96	t-1,2-Dichloroethene	596	0	0.000
20	15.004	53	Acrylonitrile	639	0	0.000
21	15.939	63	1,1-Dichloroethane	986	7584	1.343
22	16.623	43	Vinyl acetate	759	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.019	45	Isopropyl ether	425	0	0.000
24	16.710	59	Ethyl-tert-butyl-ether	504	0	0.000
25	17.088	77+41	2,2-Dichloropropane	506	0	0.000
26	17.474	61+96	c-1,2-Dichloroethene	723	0	0.000
27	17.962	43+72	2-Butanone (MEK)	564	1510	1.924
28	17.857	54	Propionitrile	633	0	0.000
29	18.062	130+49	Bromochloromethane	908	0	0.000
30	18.500	39	Methacrylonitrile	657	204972	45.523
31	18.237	83+85	Chloroform	984	13107	1.297
32	18.544	97+99	1,1,1-Trichloroethane	845	10356	0.812
33	18.612	111	Dibromofluoromethane (Surr1)	707	112425	53.684
34	19.088	117+119	Carbon Tetrachloride	672	0	0.000
35	19.739	42+72	Tetrahydrofuran	811	4080	4080.466
36	18.921	75+39	1,1-Dichloropropene	222	0	0.000
37	19.371	78	Benzene	476	802	0.104
38	19.409	65	1,2-Dichloroethane-d4 (Surr2)	865	148301	56.629
39	19.179	62+64	1,2-Dichloroethane	524	0	0.000
40	19.298	73+55+87	tert-Amyl-methyl-ether	492	34371	3.814
42	20.743	130+132+95	Trichloroethene	955	2838	0.284
43	21.359	41	Methyl methacrylate	550	13624	13623.630
44	21.638	63+65	1,2-Dichloropropane	443	0	0.000
45	21.559	93+174	Dibromomethane	835	0	0.000
46	22.860	88	1,4-Dioxane	510	0	0.000
47	21.829	83+85	Bromodichloromethane	906	6449	0.907
48	23.236	63+43	2-Chloroethyl vinyl ether	768	0	0.000
49	22.926	75+77+39	c-1,3-Dichloropropene	434	20952	2.706
50	22.977	43+58	4-Methyl-2-pentanone	524	6963	3.201
51	23.130	98	Toluene-d8 (Surr3)	996	416911	49.011
52	23.267	92+91	Toluene	534	10726	0.513
53	24.372	69	Ethyl methacrylate	632	0	0.000
54	24.543	43+58+100	2-Hexanone	890	87552	87552.240
55	24.180	75+77	t-1,3-Dichloropropene	490	0	0.000
56	24.375	97+99	1,1,2-Trichloroethane	733	2053	0.529
57	24.269	164+166	Tetrachloroethene	437	139	0.153
58	24.545	76+41	1,3-Dichloropropane	560	16154	2.802
59	24.543	43	Isobutyl alcohol	921	55916	55916.080
60	24.885	129+127	Dibromochloromethane	595	996	0.233
61	25.163	107+109	1,2-Dibromoethane	532	0	0.000
62	26.298	91	1-Chlorohexane	953	0	0.000
64	25.879	112+114	Chlorobenzene	473	0	0.000
65	26.298	106+91	Ethylbenzene	953	0	0.000
66	25.958	131+117	1,1,1,2-Tetrachloroethane	989	294628	22.179
67	26.338	106+91	p,m-Xylenes	986	183760	9.429
68	27.151	106+91	o-Xylene	996	294585	14.640
69	27.152	104+78	Styrene	540	12147	0.966
70	27.699	171+173+175	Bromoform	576	207	0.078
71	27.983	105+120	Isopropylbenzene	827	0	0.000
72	29.119	75	cis-1,4-Dichloro-2-butene	592	0	0.000
73	28.369	95	p-Bromofluorobenzene (Surr4)	988	196833	54.604
74	28.954	83+85	1,1,2,2-Tetrachloroethane	605	9138	2.402
75	28.762	77+158	Bromobenzene	883	0	0.000
76	29.013	91+120	n-Propylbenzene	530	15472	0.608

28.1
12.5
20.6

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.187	75	trans-1,4-Dichloro-2-butene	425	0	0.000
78	29.094	75+110	1,2,3-Trichloropropane	458	0	0.000
79	29.236	91+126	2-Chlorotoluene	606	6796	0.414
80	29.233	105+120	1,3,5-Trimethylbenzene	997	91374	4.521
81	29.449	91+126	4-Chlorotoluene	779	0	0.000
82	30.103	119+91	tert-Butylbenzene	820	0	0.000
83	30.250	105+120	1,2,4-Trimethylbenzene	992	289838	15.815
84	32.250	117	Pentachloroethane	844	1452	17.653
85	30.704	105+134	sec-Butylbenzene	871	5772	0.265
86	30.927	119	4-Isopropyltoluene	972	8909	0.629
87	31.241	146+148	1,3-Dichlorobenzene	831	0	0.000
89	31.768	146+148	1,4-Dichlorobenzene	368	0	0.000
90	32.247	91	Benzyl Chloride	828	3454	0.308
91	32.246	91+134	n-Butylbenzene	831	9679	0.593
92	32.657	146+148	1,2-Dichlorobenzene	913	0	0.000
93	35.132	75+157	1,2-Dibromo-3-chloropropane	308	0	0.000
94	38.405	180+182	1,2,4-Trichlorobenzene	948	4994	1.168
95	37.363	225+226	Hexachlorobutadiene	824	0	0.000
96	37.783	128	Naphthalene	971	13398	3.385
97	38.405	180+182	1,2,3-Trichlorobenzene	814	4994	1.168

3.8 J

13.5

Associated Laboratories

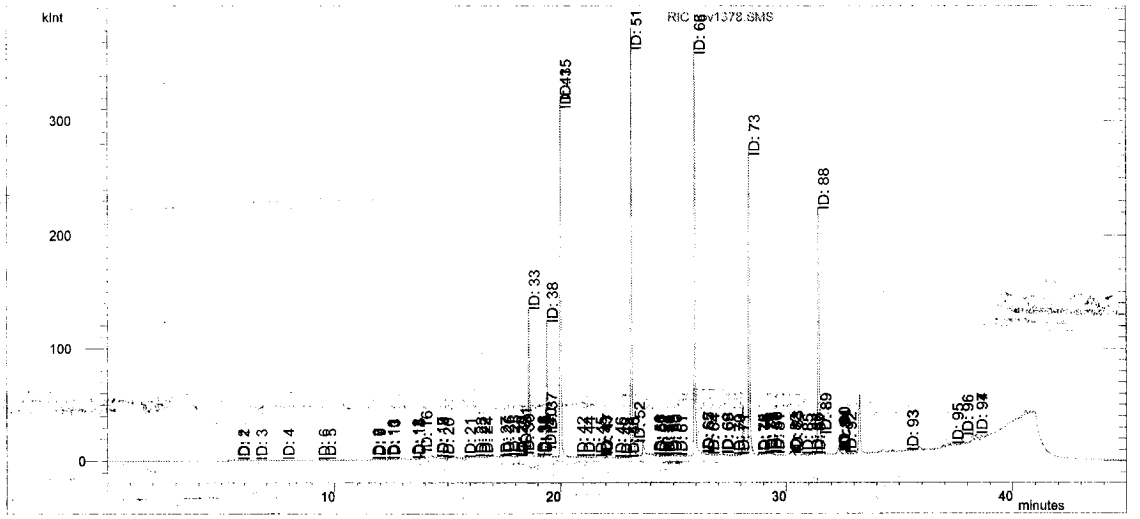
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1378.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-080 5.86g **Acquisition Dat** 11/20/02 8:09:21 PM

Inj. Notes: **Operator Name:** dp

X 0.85



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	527484	50.000
63	25.955	117	Chlorobenzene-d5(IS2)	983	312688	50.000
88	31.433	152	1,4-Dichlorobenzene-d4(IS3)	978	138022	50.000
1	5.782	85	Dichlorodifluoromethane	526	0	0.000
2	5.742	50+52	Chloromethane	345	0	0.000
3	6.535	62+64	Vinyl Chloride	788	0	0.000
4	7.746	94+96	Bromomethane	899	757	0.419
5	9.578	49	Chloroethane	116	0	0.000
6	9.288	101+103	Trichlorofluoromethane	853	156	0.016
7	11.705	101+151	Trichlorotrifluoroethane (Freon 113)	825	0	0.000
8	11.681	56	Acrolein	714	0	0.000
9	11.768	96+61+98	1,1-Dichloroethene	613	0	0.000
10	12.334	142	Iodomethane	896	151	151.054
11	12.386	43+58	Acetone	727	210	0.356
12	13.449	45	Isopropyl alcohol (2-Propanol)	173	0	0.000
13	12.411	76	Carbon disulfide	935	0	0.000
14	13.488	41	Acetonitrile	414	0	0.000
15	13.542	41	Allyl chloride	571	0	0.000
16	13.828	84+49+86	Methylene Chloride	985	16133	1.378
17	14.514	59	tert-Butanol	519	0	0.000
18	14.565	73	Methyl-tert-butyl-ether (MTBE)	848	0	0.000
19	14.514	61+96	t-1,2-Dichloroethene	757	0	0.000
20	14.798	53	Acrylonitrile	761	0	0.000
21	15.772	63	1,1-Dichloroethane	622	0	0.000
22	16.400	43	Vinyl acetate	138	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.246	45	Isopropyl ether	339	0	0.000
24	16.514	59	Ethyl-tert-butyl-ether	714	0	0.000
25	17.733	77+41	2,2-Dichloropropane	396	0	0.000
26	17.465	61+96	c-1,2-Dichloroethene	468	0	0.000
27	17.335	43+72	2-Butanone (MEK)	214	0	0.000
28	18.029	54	Propionitrile	716	0	0.000
29	18.062	130+49	Bromochloromethane	912	513	0.096
30	18.351	39	Methacrylonitrile	354	0	0.000
31	18.230	83+85	Chloroform	996	13439	1.236
32	18.988	97+99	1,1,1-Trichloroethane	533	0	0.000
33	18.607	111	Dibromofluoromethane (Surr1)	763	120842	53.631
34	19.051	117+119	Carbon Tetrachloride	617	0	0.000
35	19.999	42+72	Tetrahydrofuran	327	183	183.376
36	19.024	75+39	1,1-Dichloropropene	253	0	0.000
37	19.366	78	Benzene	571	720	0.087
38	19.404	65	1,2-Dichloroethane-d4 (Surr2)	910	163752	58.117
39	19.126	62+64	1,2-Dichloroethane	392	0	0.000
40	19.320	73+55+87	tert-Amyl-methyl-ether	520	0	0.000
42	20.734	130+132+95	Trichloroethene	855	0	0.000
43	21.784	41	Methyl methacrylate	534	0	0.000
44	21.042	63+65	1,2-Dichloropropane	500	0	0.000
45	21.555	93+174	Dibromomethane	861	0	0.000
46	22.439	88	1,4-Dioxane	516	0	0.000
47	21.831	83+85	Bromodichloromethane	953	4419	0.586
48	22.976	63+43	2-Chloroethyl vinyl ether	531	0	0.000
49	22.684	75+77+39	c-1,3-Dichloropropene	565	0	0.000
50	23.003	43+58	4-Methyl-2-pentanone	414	0	0.000
51	23.183	98	Toluene-d8 (Surr3)	993	462424	51.249
52	23.267	92+91	Toluene	948	12241	0.552
53	24.386	69	Ethyl methacrylate	430	0	0.000
54	24.563	43+58+100	2-Hexanone	503	0	0.000
55	24.204	75+77	t-1,3-Dichloropropene	429	0	0.000
56	24.165	97+99	1,1,2-Trichloroethane	642	0	0.000
57	24.268	164+166	Tetrachloroethene	782	0	0.000
58	24.757	76+41	1,3-Dichloropropane	629	0	0.000
59	24.575	43	Isobutyl alcohol	571	0	0.000
60	24.883	129+127	Dibromochloromethane	869	0	0.000
61	25.140	107+109	1,2-Dibromoethane	726	0	0.000
62	26.302	91	1-Chlorohexane	871	0	0.000
64	26.558	112+114	Chlorobenzene	467	0	0.000
65	26.302	106+91	Ethylbenzene	871	0	0.000
66	25.955	131+117	1,1,1,2-Tetrachloroethane	990	312801	22.441
67	26.341	106+91	p,m-Xylenes	958	0	0.000
68	27.162	106+91	o-Xylene	936	0	0.000
69	27.198	104+78	Styrene	887	0	0.000
70	27.687	171+173+175	Bromoform	767	0	0.000
71	27.880	105+120	Isopropylbenzene	930	0	0.000
72	28.805	75	cis-1,4-Dichloro-2-butene	622	0	0.000
73	28.367	95	p-Bromofluorobenzene (Surr4)	987	207915	54.968
74	29.062	83+85	1,1,2,2-Tetrachloroethane	591	0	0.000
75	28.754	77+158	Bromobenzene	903	0	0.000
76	28.817	91+120	n-Propylbenzene	876	0	0.000

#	RT	Qaan Ions	Compound Name	Fit	Area	Amount
77	29.125	75	trans-1,4-Dichloro-2-butene	425	0	0.000
78	28.805	75+110	1,2,3-Trichloropropane	593	0	0.000
79	29.152	91+126	2-Chlorotoluene	833	0	0.000
80	29.330	105+120	1,3,5-Trimethylbenzene	974	0	0.000
81	29.448	91+126	4-Chlorotoluene	847	0	0.000
82	30.178	119+91	tert-Butylbenzene	928	0	0.000
83	30.253	105+120	1,2,4-Trimethylbenzene	989	0	0.000
84	32.382	117	Pentachloroethane	935	0	0.000
85	30.715	105+134	sec-Butylbenzene	948	0	0.000
86	31.140	119	4-Isopropyltoluene	944	0	0.000
87	31.243	146+148	1,3-Dichlorobenzene	875	0	0.000
89	31.521	146+148	1,4-Dichlorobenzene	309	0	0.000
90	32.331	91	Benzyl Chloride	932	0	0.000
91	32.358	91+134	n-Butylbenzene	946	0	0.000
92	32.638	146+148	1,2-Dichlorobenzene	922	0	0.000
93	35.369	75+157	1,2-Dibromo-3-chloropropane	569	0	0.000
94	38.405	180+182	1,2,4-Trichlorobenzene	939	4486	1.000
95	37.356	225+226	Hexachlorobutadiene	884	0	0.000
96	37.783	128	Naphthalene	967	8055	1.940
97	38.405	180+182	1,2,3-Trichlorobenzene	807	4486	1.000

Associated Laboratories

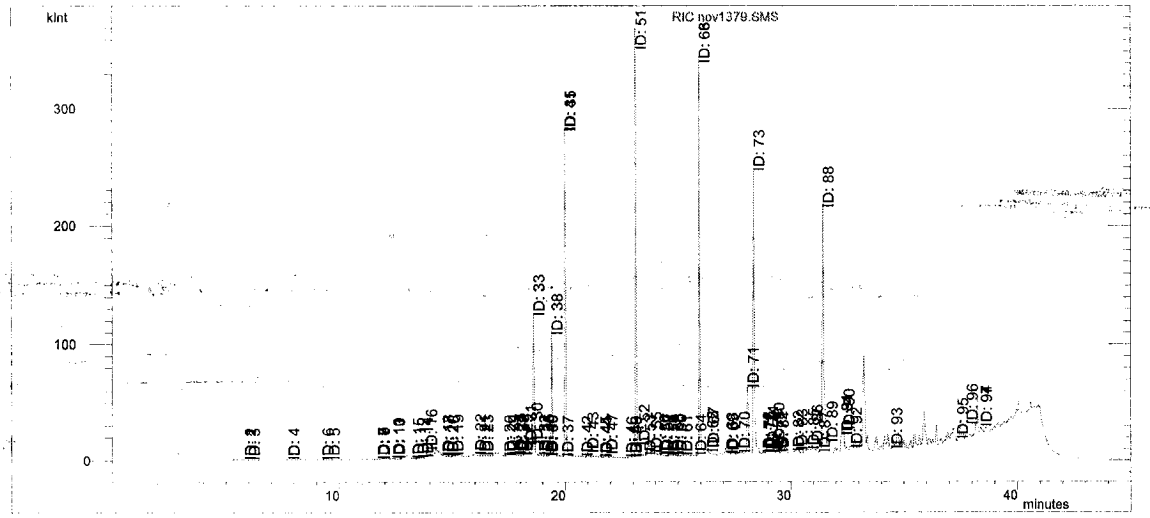
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1379.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-082 5.82g **Acquisition Dat** 11/20/02 8:56:18 PM

Inj. Notes: **Operator Name:** dp

X0.84



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.004	96+70	Fluorobenzene (IS1)	999	481278	50.000
63	25.957	117	Chlorobenzene-d5(IS2)	982	294393	50.000
88	31.434	152	1,4-Dichlorobenzene-d4(IS3)	975	134206	50.000
1	5.845	85	Dichlorodifluoromethane	73	0	0.000
2	5.833	50+52	Chloromethane	624	0	0.000
3	6.011	62+64	Vinyl Chloride	615	0	0.000
4	7.755	94+96	Bromomethane	872	0	0.000
5	9.526	49	Chloroethane	148	0	0.000
6	9.254	101+103	Trichlorofluoromethane	605	117	0.013
7	11.705	101+151	Trichlorotrifluoroethane (Freon 113)	763	0	0.000
8	11.681	56	Acrolein	704	0	0.000
9	11.744	96+61+98	1,1-Dichloroethene	806	0	0.000
10	12.366	142	Iodomethane	912	128	127.576
11	12.384	43+58	Acetone	835	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	163	0	0.000
13	12.412	76	Carbon disulfide	855	634	30.637
14	13.654	41	Acetonitrile	696	0	0.000
15	13.244	41	Allyl chloride	582	0	0.000
16	13.825	84+49+86	Methylene Chloride	964	15104	1.414
17	14.595	59	tert-Butanol	413	0	0.000
18	14.567	73	Methyl-tert-butyl-ether (MTBE)	896	0	0.000
19	15.017	61+96	t-1,2-Dichloroethene	500	0	0.000
20	14.772	53	Acrylonitrile	805	0	0.000
21	16.197	63	1,1-Dichloroethane	688	0	0.000
22	16.015	43	Vinyl acetate	141	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.323	45	Isopropyl ether	337	0	0.000
24	17.428	59	Ethyl-tert-butyl-ether	629	0	0.000
25	17.763	77+41	2,2-Dichloropropane	416	0	0.000
26	17.297	61+96	c-1,2-Dichloroethene	679	0	0.000
27	17.850	43+72	2-Butanone (MEK)	214	0	0.000
28	17.917	54	Propionitrile	577	0	0.000
29	18.070	130+49	Bromochloromethane	894	0	0.000
30	18.503	39	Methacrylonitrile	624	3022	0.684
31	18.235	83+85	Chloroform	962	12621	1.273
32	18.847	97+99	1,1,1-Trichloroethane	569	0	0.000
33	18.608	111	Dibromofluoromethane (Surr1)	726	112019	54.488
34	18.962	117+119	Carbon Tetrachloride	731	0	0.000
35	20.002	42+72	Tetrahydrofuran	320	367	366.812
36	19.001	75+39	1,1-Dichloropropene	261	0	0.000
37	19.867	78	Benzene	614	0	0.000
38	19.406	65	1,2-Dichloroethane-d4 (Surr2)	911	147459	57.359
39	19.179	62+64	1,2-Dichloroethane	447	0	0.000
40	19.143	73+55+87	tert-Amyl-methyl-ether	624	0	0.000
42	20.731	130+132+95	Trichloroethene	840	0	0.000
43	20.987	41	Methyl methacrylate	461	0	0.000
44	21.591	63+65	1,2-Dichloropropane	530	0	0.000
45	21.551	93+174	Dibromomethane	859	0	0.000
46	22.701	88	1,4-Dioxane	369	14	13.604
47	21.829	83+85	Bromodichloromethane	958	4102	0.578
48	22.873	63+43	2-Chloroethyl vinyl ether	336	0	0.000
49	22.897	75+77+39	c-1,3-Dichloropropene	531	0	0.000
50	22.873	43+58	4-Methyl-2-pentanone	335	0	0.000
51	23.134	98	Toluene-d8 (Surr3)	993	452026	53.209
52	23.266	92+91	Toluene	933	6346	0.304
53	23.521	69	Ethyl methacrylate	398	0	0.000
54	24.561	43+58+100	2-Hexanone	731	0	0.000
55	23.807	75+77	t-1,3-Dichloropropene	402	0	0.000
56	24.178	97+99	1,1,2-Trichloroethane	539	0	0.000
57	24.280	164+166	Tetrachloroethene	888	211	0.232
58	24.766	76+41	1,3-Dichloropropane	591	0	0.000
59	24.561	43	Isobutyl alcohol	665	0	0.000
60	24.889	129+127	Dibromochloromethane	926	792	0.186
61	25.164	107+109	1,2-Dibromoethane	600	0	0.000
62	26.302	91	1-Chlorohexane	845	0	0.000
64	25.780	112+114	Chlorobenzene	513	0	0.000
65	26.302	106+91	Ethylbenzene	845	0	0.000
66	25.957	131+117	1,1,1,2-Tetrachloroethane	989	294583	21.735
67	26.341	106+91	p,m-Xylenes	983	5386	0.271
68	27.150	106+91	o-Xylene	912	0	0.000
69	27.213	104+78	Styrene	858	0	0.000
70	27.704	171+173+175	Bromoform	709	215	0.079
71	28.099	105+120	Isopropylbenzene	566	1911	0.084
72	29.360	75	cis-1,4-Dichloro-2-butene	641	0	0.000
73	28.368	95	p-Bromofluorobenzene (Surr4)	987	185019	50.306
74	28.960	83+85	1,1,2,2-Tetrachloroethane	593	0	0.000
75	28.766	77+158	Bromobenzene	881	0	0.000
76	28.833	91+120	n-Propylbenzene	791	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.885	75	trans-1,4-Dichloro-2-butene	544	0	0.000
78	28.766	75+110	1,2,3-Trichloropropane	469	0	0.000
79	29.167	91+126	2-Chlorotoluene	712	0	0.000
80	29.235	105+120	1,3,5-Trimethylbenzene	995	11393	0.553
81	29.427	91+126	4-Chlorotoluene	760	0	0.000
82	30.095	119+91	tert-Butylbenzene	890	0	0.000
83	30.249	105+120	1,2,4-Trimethylbenzene	984	0	0.000
84	32.245	117	Pentachloroethane	865	915	10.893
85	30.765	105+134	sec-Butylbenzene	839	0	0.000
86	30.928	119	4-Isopropyltoluene	985	6400	0.443
87	31.253	146+148	1,3-Dichlorobenzene	766	0	0.000
89	31.589	146+148	1,4-Dichlorobenzene	292	0	0.000
90	32.341	91	Benzyl Chloride	873	0	0.000
91	32.247	91+134	n-Butylbenzene	858	5802	0.348
92	32.666	146+148	1,2-Dichlorobenzene	868	0	0.000
93	34.463	75+157	1,2-Dibromo-3-chloropropane	400	0	0.000
94	38.404	180+182	1,2,4-Trichlorobenzene	945	4367	1.001
95	37.362	225+226	Hexachlorobutadiene	831	0	0.000
96	37.783	128	Naphthalene	966	13174	3.262
97	38.404	180+182	1,2,3-Trichlorobenzene	804	4367	1.001

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.156	75	trans-1,4-Dichloro-2-butene	517	0	0.000
78	28.765	75+110	1,2,3-Trichloropropane	468	0	0.000
79	29.156	91+126	2-Chlorotoluene	743	0	0.000
80	29.228	105+120	1,3,5-Trimethylbenzene	995	51889	2.412
81	29.454	91+126	4-Chlorotoluene	782	0	0.000
82	30.245	119+91	tert-Butylbenzene	820	24887	0.861
83	30.244	105+120	1,2,4-Trimethylbenzene	993	167472	8.586
84	32.164	117	Pentachloroethane	897	5637	64.365
85	30.694	105+134	sec-Butylbenzene	994	9287	0.401
86	31.084	119	4-Isopropyltoluene	983	6350	0.421
87	31.235	146+148	1,3-Dichlorobenzene	870	0	0.000
89	31.552	146+148	1,4-Dichlorobenzene	230	0	0.000
90	32.324	91	Benzyl Chloride	935	6850	0.573
91	32.227	91+134	n-Butylbenzene	887	0	0.000
92	32.680	146+148	1,2-Dichlorobenzene	913	0	0.000
93	35.239	75+157	1,2-Dibromo-3-chloropropane	556	0	0.000
94	38.402	180+182	1,2,4-Trichlorobenzene	943	3869	0.850
95	37.356	225+226	Hexachlorobutadiene	874	0	0.000
96	37.774	128	Naphthalene	976	29237	6.941
97	38.402	180+182	1,2,3-Trichlorobenzene	857	3869	0.850

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Associated Laboratories

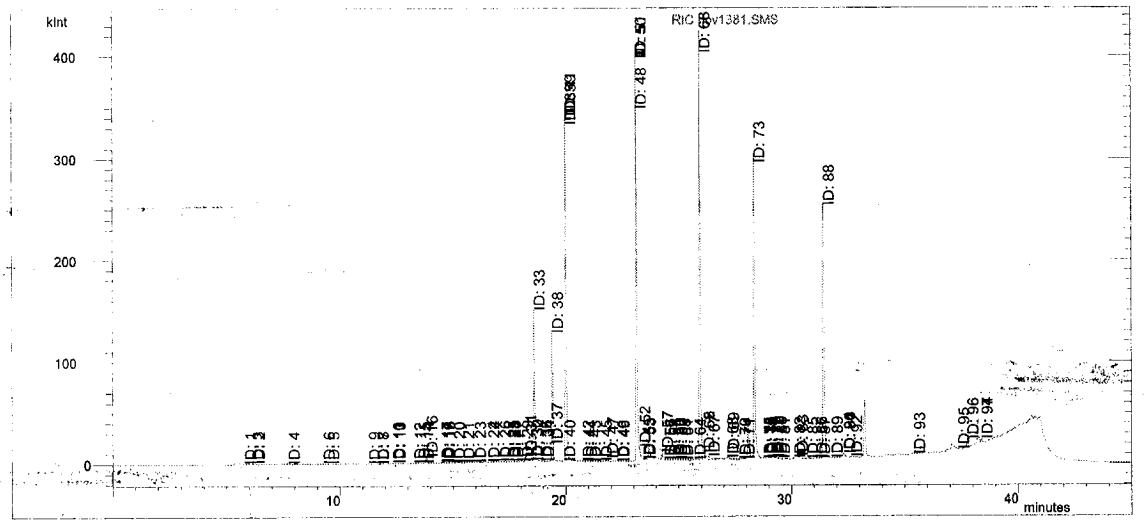
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1381.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-084 5.79g **Acquisition Dat** 11/20/02 10:30:34 PM

Inj. Notes: **Operator Name:** dp

X0.84



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	571610	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	982	350054	50.000
88	31.432	152	1,4-Dichlorobenzene-d4(IS3)	977	152651	50.000
1	5.805	85	Dichlorodifluoromethane	117	0	0.000
2	6.204	50+52	Chloromethane	461	0	0.000
3	6.141	62+64	Vinyl Chloride	615	0	0.000
4	7.743	94+96	Bromomethane	890	0	0.000
5	9.487	49	Chloroethane	642	0	0.000
6	9.282	101+103	Trichlorofluoromethane	804	0	0.000
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	786	0	0.000
8	11.665	56	Acrolein	757	0	0.000
9	11.282	96+61+98	1,1-Dichloroethene	587	0	0.000
10	12.346	142	Iodomethane	928	235	235.160
11	12.384	43+58	Acetone	803	0	0.000
12	13.295	45	Isopropyl alcohol (2-Propanol)	359	0	0.000
13	12.413	76	Carbon disulfide	843	916	37.117
14	13.654	41	Acetonitrile	412	0	0.000
15	13.477	41	Allyl chloride	653	0	0.000
16	13.823	84+49+86	Methylene Chloride	979	15048	1.186
17	14.487	59	tert-Butanol	625	0	0.000
18	14.578	73	Methyl-tert-butyl-ether (MTBE)	865	0	0.000
19	14.605	61+96	t-1,2-Dichloroethene	693	0	0.000
20	15.039	53	Acrylonitrile	650	0	0.000
21	15.462	63	1,1-Dichloroethane	648	0	0.000
22	16.555	43	Vinyl acetate	57	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.975	45	Isopropyl ether	334	0	0.000
24	16.567	59	Ethyl-tert-butyl-ether	690	0	0.000
25	17.427	77+41	2,2-Dichloropropane	508	0	0.000
26	17.068	61+96	c-1,2-Dichloroethene	686	0	0.000
27	17.632	43+72	2-Butanone (MEK)	745	0	0.000
28	17.502	54	Propionitrile	636	0	0.000
29	18.058	130+49	Bromochloromethane	888	444	0.077
30	18.492	39	Methacrylonitrile	582	0	0.000
31	18.231	83+85	Chloroform	995	12581	1.068
32	18.527	97+99	1,1,1-Trichloroethane	506	0	0.000
33	18.608	111	Dibromofluoromethane (Surr1)	813	133474	54.664
34	19.007	117+119	Carbon Tetrachloride	712	0	0.000
35	20.006	42+72	Tetrahydrofuran	318	485	484.622
36	18.893	75+39	1,1-Dichloropropene	336	0	0.000
37	19.364	78	Benzene	825	733	0.081
38	19.405	65	1,2-Dichloroethane-d4 (Surr2)	923	179243	56.704
39	20.004	62+64	1,2-Dichloroethane	537	15002	2.457
40	19.923	73+55+87	tert-Amyl-methyl-ether	596	0	0.000
42	20.747	130+132+95	Trichloroethene	857	0	0.000
43	21.054	41	Methyl methacrylate	347	0	0.000
44	20.889	63+65	1,2-Dichloropropane	455	0	0.000
45	21.544	93+174	Dibromomethane	871	0	0.000
46	22.294	88	1,4-Dioxane	340	14	14.323
47	21.830	83+85	Bromodichloromethane	971	4651	0.551
48	23.121	63+43	2-Chloroethyl vinyl ether	340	0	0.000
49	22.337	75+77+39	c-1,3-Dichloropropene	279	0	0.000
50	23.133	43+58	4-Methyl-2-pentanone	341	5937	2.298
51	23.133	98	Toluene-d8 (Surr3)	993	499495	49.448
52	23.267	92+91	Toluene	948	10759	0.433
53	23.513	69	Ethyl methacrylate	503	0	0.000
54	24.580	43+58+100	2-Hexanone	374	0	0.000
55	23.438	75+77	t-1,3-Dichloropropene	433	0	0.000
56	24.391	97+99	1,1,2-Trichloroethane	600	0	0.000
57	24.273	164+166	Tetrachloroethene	884	1062	0.983
58	25.042	76+41	1,3-Dichloropropane	370	0	0.000
59	24.762	43	Isobutyl alcohol	382	0	0.000
60	24.884	129+127	Dibromochloromethane	841	783	0.154
61	25.160	107+109	1,2-Dibromoethane	669	0	0.000
62	26.122	91	1-Chlorohexane	967	2894	0.165
64	25.709	112+114	Chlorobenzene	595	0	0.000
65	26.122	106+91	Ethylbenzene	967	3970	0.148
66	25.956	131+117	1,1,1,2-Tetrachloroethane	989	350142	22.712
67	26.332	106+91	p,m-Xylenes	971	0	0.000
68	27.153	106+91	o-Xylene	935	0	0.000
69	27.200	104+78	Styrene	969	6252	0.428
70	27.705	171+173+175	Bromoform	762	0	0.000
71	27.886	105+120	Isopropylbenzene	850	0	0.000
72	28.861	75	cis-1,4-Dichloro-2-butene	673	0	0.000
73	28.367	95	p-Bromofluorobenzene (Surr4)	988	231445	55.325
74	28.936	83+85	1,1,2,2-Tetrachloroethane	618	0	0.000
75	28.782	77+158	Bromobenzene	874	0	0.000
76	28.834	91+120	n-Propylbenzene	888	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.118	75	trans-1,4-Dichloro-2-butene	492	0	0.000
78	28.861	75+110	1,2,3-Trichloropropane	600	0	0.000
79	29.181	91+126	2-Chlorotoluene	847	0	0.000
80	29.367	105+120	1,3,5-Trimethylbenzene	966	0	0.000
81	29.449	91+126	4-Chlorotoluene	881	0	0.000
82	30.128	119+91	tert-Butylbenzene	919	0	0.000
83	30.246	105+120	1,2,4-Trimethylbenzene	987	0	0.000
84	32.333	117	Pentachloroethane	929	0	0.000
85	30.708	105+134	sec-Butylbenzene	948	0	0.000
86	31.091	119	4-Isopropyltoluene	946	0	0.000
87	31.233	146+148	1,3-Dichlorobenzene	863	0	0.000
89	31.793	146+148	1,4-Dichlorobenzene	459	0	0.000
90	32.345	91	Benzyl Chloride	933	0	0.000
91	32.345	91+134	n-Butylbenzene	944	0	0.000
92	32.652	146+148	1,2-Dichlorobenzene	914	0	0.000
93	35.423	75+157	1,2-Dibromo-3-chloropropane	443	0	0.000
94	38.404	180+182	1,2,4-Trichlorobenzene	961	0	0.000
95	37.372	225+226	Hexachlorobutadiene	784	0	0.000
96	37.784	128	Naphthalene	960	8844	1.926
97	38.404	180+182	1,2,3-Trichlorobenzene	857	0	0.000

Associated Laboratories

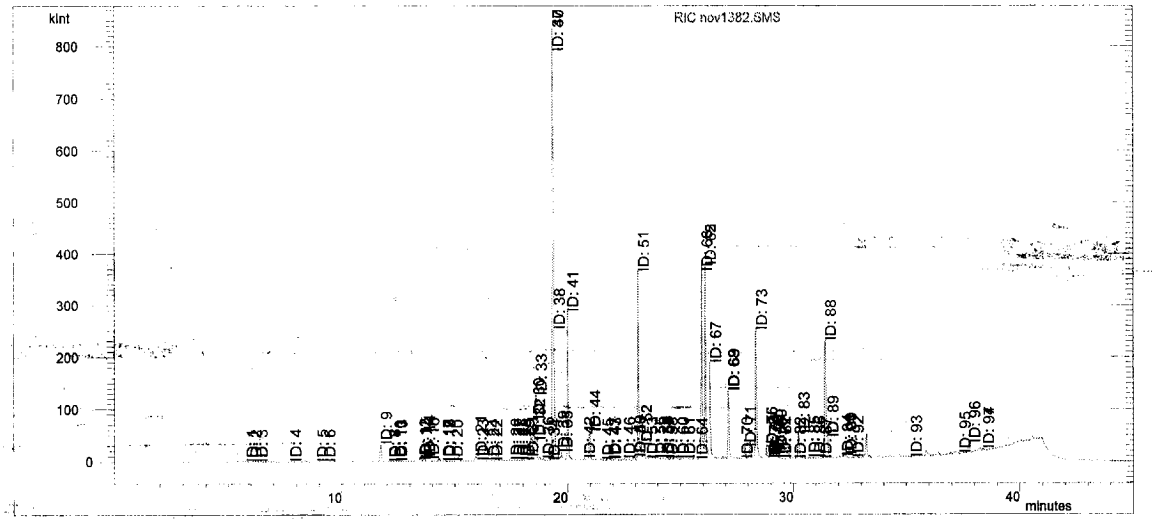
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1382.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-079 5.71g **Acquisition Dat** 11/20/02 11:17:45 PM

Inj. Notes: **Operator Name:** dp

X 0.88



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.004	96+70	Fluorobenzene (IS1)	999	482572	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	981	313825	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	977	142340	50.000
1	5.817	85	Dichlorodifluoromethane	97	0	0.000
2	5.987	50+52	Chloromethane	622	0	0.000
3	6.243	62+64	Vinyl Chloride	698	0	0.000
4	7.743	94+96	Bromomethane	877	453	0.274
5	8.911	49	Chloroethane	678	0	0.000
6	9.230	101+103	Trichlorofluoromethane	711	0	0.000
7	12.119	101+151	Trichlorotrifluoroethane (Freon 113)	513	0	0.000
8	12.095	56	Acrolein	692	0	0.000
9	11.728	96+61+98	1,1-Dichloroethene	990	96376	9.983
10	12.330	142	Iodomethane	933	286	286.41
11	12.381	43+58	Acetone	823	995	1.846
12	13.453	45	Isopropyl alcohol (2-Propanol)	323	0	0.000
13	12.427	76	Carbon disulfide	928	0	0.000
14	13.643	41	Acetonitrile	788	6695	3.000
15	13.493	41	Allyl chloride	690	5027	267.216
16	13.824	84+49+86	Methylene Chloride	775	9554	0.892
17	14.494	59	tert-Butanol	543	0	0.000
18	14.545	73	Methyl-tert-butyl-ether (MTBE)	823	0	0.000
19	14.518	61+96	t-1,2-Dichloroethene	631	0	0.000
20	14.877	53	Acrylonitrile	513	0	0.000
21	15.932	63	1,1-Dichloroethane	994	14615	2.630
22	16.623	43	Vinyl acetate	625	0	0.000

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#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.007	45	Isopropyl ether	433	0	0.000
24	16.493	59	Ethyl-tert-butyl-ether	689	0	0.000
25	17.764	77+41	2,2-Dichloropropane	423	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	906	816	0.099
27	17.598	43+72	2-Butanone (MEK)	751	0	0.000
28	17.919	54	Propionitrile	618	104	103.902
29	18.053	130+49	Bromochloromethane	876	505	0.103
30	18.496	39	Methacrylonitrile	637	40006	9.027
31	18.231	83+85	Chloroform	995	11603	1.167
32	18.539	97+99	1,1,1-Trichloroethane	932	36314	2.892
33	18.609	111	Dibromofluoromethane (Surr1)	699	113119	54.876
34	19.162	117+119	Carbon Tetrachloride	483	0	0.000
35	19.733	42+72	Tetrahydrofuran	911	779	778.789
36	18.918	75+39	1,1-Dichloropropene	395	0	0.000
37	19.363	78	Benzene	996	1040921	136.779
38	19.408	65	1,2-Dichloroethane-d4 (Surr2)	981	126329	49.008
39	19.573	62+64	1,2-Dichloroethane	443	2172	0.421
40	19.362	73+55+87	tert-Amyl-methyl-ether	588	0	0.000
42	20.735	130+132+95	Trichloroethene	919	1804	0.170
43	21.885	41	Methyl methacrylate	707	0	0.000
44	20.986	63+65	1,2-Dichloropropane	382	0	0.000
45	21.550	93+174	Dibromomethane	847	0	0.000
46	22.513	88	1,4-Dioxane	383	47	47.112
47	21.829	83+85	Bromodichloromethane	951	3905	0.516
48	22.977	63+43	2-Chloroethyl vinyl ether	869	3088	1.745
49	22.974	75+77+39	c-1,3-Dichloropropene	624	0	0.000
50	22.977	43+58	4-Methyl-2-pentanone	861	4261	1.840
51	23.133	98	Toluene-d8 (Surr3)	993	442666	48.881
52	23.265	92+91	Toluene	937	22774	1.023
53	23.511	69	Ethyl methacrylate	609	0	0.000
54	24.203	43+58+100	2-Hexanone	629	1415	1414.723
55	24.207	75+77	t-1,3-Dichloropropene	511	0	0.000
56	23.888	97+99	1,1,2-Trichloroethane	644	0	0.000
57	24.265	164+166	Tetrachloroethene	888	340	0.351
58	24.389	76+41	1,3-Dichloropropane	516	0	0.000
59	24.205	43	Isobutyl alcohol	755	1996	1998.335
60	24.890	129+127	Dibromochloromethane	867	0	0.000
61	25.170	107+109	1,2-Dibromoethane	731	0	0.000
62	26.113	91	1-Chlorohexane	984	443881	28.283
64	25.722	112+114	Chlorobenzene	606	0	0.000
65	26.118	106+91	Ethylbenzene	984	629405	25.244
66	25.954	131+117	1,1,1,2-Tetrachloroethane	989	314279	21.863
67	26.334	106+91	p,m-Xylenes	989	294546	13.966
68	27.147	106+91	o-Xylene	995	223928	10.284
69	27.147	104+78	Styrene	571	9645	0.708
70	27.714	171+173+175	Bromoform	730	0	0.000
71	27.872	105+120	Isopropylbenzene	998	31924	1.331
72	29.406	75	cis-1,4-Dichloro-2-butene	591	0	0.000
73	28.364	95	p-Bromofluorobenzene (Surr4)	988	200287	51.345
74	28.948	83+85	1,1,2,2-Tetrachloroethane	597	0	0.000
75	28.808	77+158	Bromobenzene	802	0	0.000
76	28.912	91+120	n-Propylbenzene	995	34883	1.266

120

22.1
12.2
9.0
21.2

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.123	75	trans-1,4-Dichloro-2-butene	587	0	0.000
78	28.912	75+110	1,2,3-Trichloropropane	642	0	0.000
79	29.238	91+126	2-Chlorotoluene	534	0	0.000
80	29.229	105+120	1,3,5-Trimethylbenzene	995	24743	1.131
81	29.446	91+126	4-Chlorotoluene	712	0	0.000
82	30.076	119+91	tert-Butylbenzene	852	0	0.000
83	30.246	105+120	1,2,4-Trimethylbenzene	992	103891	5.239
84	32.167	117	Pentachloroethane	900	4731	53.129
85	30.692	105+134	sec-Butylbenzene	966	0	0.000
86	30.926	119	4-Isopropyltoluene	970	2527	0.165
87	31.221	146+148	1,3-Dichlorobenzene	849	0	0.000
89	31.525	146+148	1,4-Dichlorobenzene	208	0	0.000
90	32.321	91	Benzyl Chloride	912	0	0.000
91	32.321	91+134	n-Butylbenzene	875	0	0.000
92	32.644	146+148	1,2-Dichlorobenzene	898	0	0.000
93	35.209	75+157	1,2-Dibromo-3-chloropropane	529	0	0.000
94	36.395	180+182	1,2,4-Trichlorobenzene	959	3724	0.805
95	37.361	225+226	Hexachlorobutadiene	891	0	0.000
96	37.776	128	Naphthalene	974	24399	5.697
97	38.395	180+182	1,2,3-Trichlorobenzene	845	3724	0.805

4.6

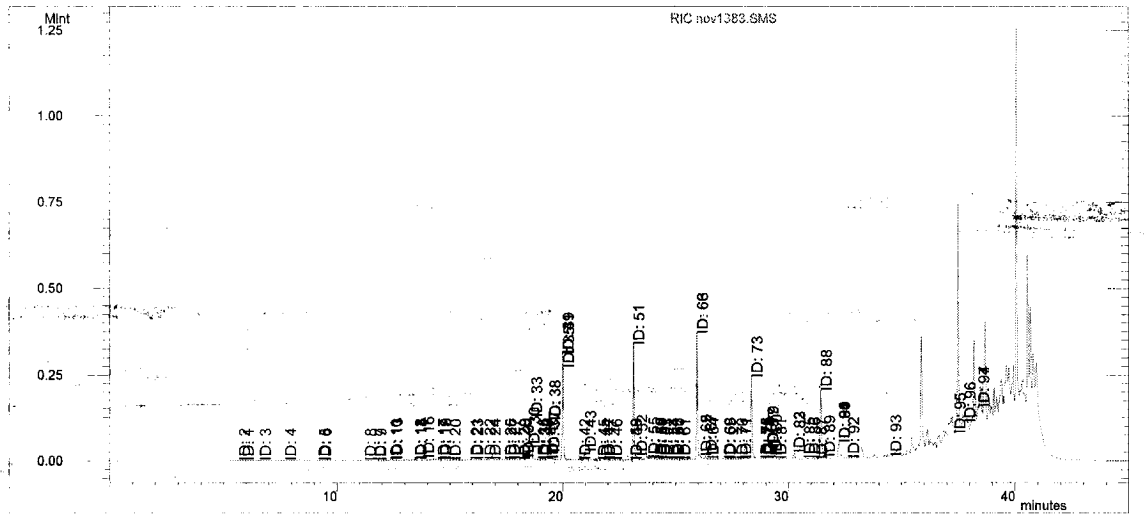
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1383.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102451-081 5.77g **Acquisition Dat** 11/21/02 12:04:48 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	508140	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	982	300948	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	975	126088	50.000
1	5.857	85	Dichlorodifluoromethane	66	0	0.000
2	5.679	50+52	Chloromethane	497	0	0.000
3	6.603	62+64	Vinyl Chloride	652	0	0.000
4	7.731	94+96	Bromomethane	872	0	0.000
5	9.191	49	Chloroethane	494	0	0.000
6	9.257	101+103	Trichlorofluoromethane	719	179	0.019
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	792	0	0.000
8	11.243	56	Acrolein	795	0	0.000
9	11.705	96+61+98	1,1-Dichloroethene	627	0	0.000
10	12.358	142	Iodomethane	921	109	109.357
11	12.373	43+58	Acetone	830	3340	5.886
12	13.449	45	Isopropyl alcohol (2-Propanol)	308	0	0.000
13	12.412	76	Carbon disulfide	990	9823	447.763
14	13.483	41	Acetonitrile	707	2187	0.931
15	13.483	41	Allyl chloride	632	2244	113.262
16	13.820	84+49+86	Methylene Chloride	985	17481	1.550
17	14.463	59	tert-Butanol	445	0	0.000
18	14.554	73	Methyl-tert-butyl-ether (MTBE)	777	0	0.000
19	14.566	61+96	t-1,2-Dichloroethene	647	0	0.000
20	15.000	53	Acrylonitrile	722	0	0.000
21	15.923	63	1,1-Dichloroethane	857	0	0.000
22	16.539	43	Vinyl acetate	137	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.975	45	Isopropyl ether	371	0	0.000
24	16.760	59	Ethyl-tert-butyl-ether	629	0	0.000
25	17.430	77+41	2,2-Dichloropropane	529	0	0.000
26	17.442	61+96	c-1,2-Dichloroethene	554	0	0.000
27	17.602	43+72	2-Butanone (MEK)	805	815	1.002
28	18.082	54	Propionitrile	411	0	0.000
29	18.057	130+49	Bromochloromethane	906	445	0.086
30	18.493	39	Methacrylonitrile	659	15697	3.363
31	18.227	83+85	Chloroform	995	11831	1.130
32	19.030	97+99	1,1,1-Trichloroethane	564	0	0.000
33	18.604	111	Dibromofluoromethane (Surr1)	729	110177	50.759
34	18.978	117+119	Carbon Tetrachloride	581	0	0.000
35	20.011	42+72	Tetrahydrofuran	320	129	129.283
36	18.909	75+39	1,1-Dichloropropene	411	120	0.023
37	19.362	78	Benzene	895	3205	0.400
38	19.402	65	1,2-Dichloroethane-d4 (Surr2)	980	156785	57.763
39	19.999	62+64	1,2-Dichloroethane	362	12203	2.248
40	19.298	73+55+87	tert-Amyl-methyl-ether	636	0	0.000
42	20.730	130+132+95	Trichloroethene	805	0	0.000
43	20.988	41	Methyl methacrylate	488	5607	5607.179
44	21.710	63+65	1,2-Dichloropropane	458	0	0.000
45	21.556	93+174	Dibromomethane	779	0	0.000
46	22.144	88	1,4-Dioxane	449	0	0.000
47	21.825	83+85	Bromodichloromethane	960	4072	0.561
48	22.993	63+43	2-Chloroethyl vinyl ether	409	0	0.000
49	22.993	75+77+39	c-1,3-Dichloropropene	654	0	0.000
50	22.993	43+58	4-Methyl-2-pentanone	409	0	0.000
51	23.129	98	Toluene-d8 (Surr3)	993	436145	50.222
52	23.260	92+91	Toluene	931	8661	0.406
53	24.370	69	Ethyl methacrylate	474	0	0.000
54	24.678	43+58+100	2-Hexanone	346	0	0.000
55	23.806	75+77	t-1,3-Dichloropropene	406	0	0.000
56	24.090	97+99	1,1,2-Trichloroethane	612	0	0.000
57	24.268	164+166	Tetrachloroethene	793	0	0.000
58	24.832	76+41	1,3-Dichloropropane	516	0	0.000
59	24.141	43	Isobutyl alcohol	446	0	0.000
60	24.885	129+127	Dibromochloromethane	903	681	0.156
61	25.167	107+109	1,2-Dibromoethane	664	0	0.000
62	26.116	91	1-Chlorohexane	971	5659	0.376
64	26.420	112+114	Chlorobenzene	405	0	0.000
65	26.116	106+91	Ethylbenzene	971	7904	0.358
66	25.952	131+117	1,1,1,2-Tetrachloroethane	989	301054	28.642
67	26.336	106+91	p,m-Xylenes	984	15077	0.807
68	27.150	106+91	o-Xylene	986	0	0.000
69	27.262	104+78	Styrene	916	0	0.000
70	27.703	171+173+175	Bromoform	741	0	0.000
71	27.874	105+120	Isopropylbenzene	967	2178	0.103
72	28.892	75	cis-1,4-Dichloro-2-butene	657	0	0.000
73	28.363	95	p-Bromofluorobenzene (Surr4)	988	177124	51.260
74	28.944	83+85	1,1,2,2-Tetrachloroethane	518	0	0.000
75	28.754	77+158	Bromobenzene	883	0	0.000
76	28.805	91+120	n-Propylbenzene	924	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.089	75	trans-1,4-Dichloro-2-butene	454	0	0.000
78	28.892	75+110	1,2,3-Trichloropropane	626	0	0.000
79	29.076	91+126	2-Chlorotoluene	861	0	0.000
80	29.226	105+120	1,3,5-Trimethylbenzene	993	14615	0.754
81	29.440	91+126	4-Chlorotoluene	735	0	0.000
82	30.244	119+91	tert-Butylbenzene	762	5290	0.203
83	30.247	105+120	1,2,4-Trimethylbenzene	990	35593	2.026
84	32.238	117	Pentachloroethane	839	4930	62.507
85	30.688	105+134	sec-Butylbenzene	957	0	0.000
86	30.920	119	4-Isopropyltoluene	960	1583	0.117
87	31.225	146+148	1,3-Dichlorobenzene	863	0	0.000
89	31.581	146+148	1,4-Dichlorobenzene	372	0	0.000
90	32.238	91	Benzyl Chloride	837	14201	1.320
91	32.238	91+134	n-Butylbenzene	703	19321	1.234
92	32.652	146+148	1,2-Dichlorobenzene	893	0	0.000
93	34.508	75+157	1,2-Dibromo-3-chloropropane	274	0	0.000
94	38.387	180+182	1,2,4-Trichlorobenzene	675	0	0.000
95	37.343	225+226	Hexachlorobutadiene	754	0	0.000
96	37.782	128	Naphthalene	895	10472	2.760
97	38.387	180+182	1,2,3-Trichlorobenzene	635	0	0.000

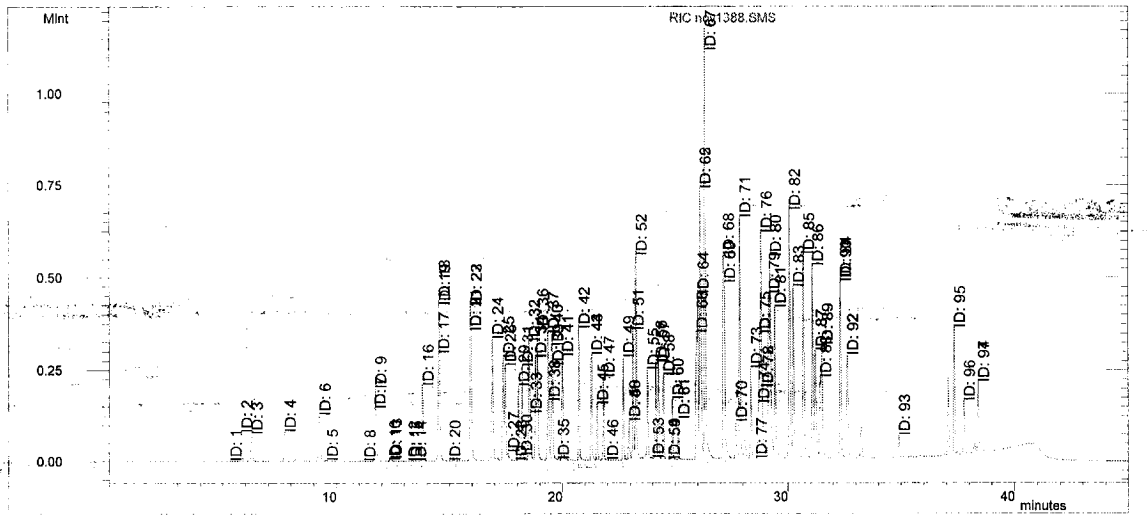
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1388.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS soil **Acquisition Dat** 11/21/02 3:59:35 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	486462	50.000
63	25.953	117	Chlorobenzene-d5(IS2)	989	298758	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	973	136496	50.000
1	5.334	85	Dichlorodifluoromethane	551	153	44.488
2	5.814	50+52	Chloromethane	995	131856	66.691
3	6.263	62+64	Vinyl Chloride	999	221955	53.616
4	7.724	94+96	Bromomethane	960	118562	71.177
5	9.575	49	Chloroethane	95	0	0.000
6	9.251	101+103	Trichlorofluoromethane	993	537339	60.331
7	11.692	101+151	Trichlorotrifluoroethane (Freon 113)	905	0	0.000
8	11.240	56	Acrolein	755	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	1000	621596	63.874
10	12.334	142	Iodomethane	951	1879	1879.401
11	12.390	43+58	Acetone	984	27187	50.043
12	13.186	45	Isopropyl alcohol (2-Propanol)	558	0	0.000
13	12.401	76	Carbon disulfide	894	0	0.000
14	13.494	41	Acetonitrile	691	0	0.000
15	13.289	41	Allyl chloride	719	0	0.000
16	13.815	84+49+86	Methylene Chloride	999	499905	46.306
17	14.511	59	tert-Butanol	575	58231	340.668
18	14.531	73	Methyl-tert-butyl-ether (MTBE)	931	240642	46.428
19	14.540	61+96	t-1,2-Dichloroethene	972	437746	55.344
20	14.997	53	Acrylonitrile	453	0	0.000
21	15.924	63	1,1-Dichloroethane	984	307223	54.833
22	15.952	43	Vinyl acetate	741	173399	173399.200

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.953	45	Isopropyl ether	983	435144	58.107
24	16.897	59	Ethyl-tert-butyl-ether	999	501957	61.846
25	17.374	77+41	2,2-Dichloropropane	993	432226	52.428
26	17.468	61+96	c-1,2-Dichloroethene	991	459684	55.313
27	17.590	43+72	2-Butanone (MEK)	969	44035	56.565
28	17.925	54	Propionitrile	433	0	0.000
29	18.053	130+49	Bromochloromethane	996	263455	53.349
30	18.172	39	Methacrylonitrile	364	0	0.000
31	18.226	83+85	Chloroform	1000	533932	53.263
32	18.533	97+99	1,1,1-Trichloroethane	984	651200	51.452
33	18.603	111	Dibromofluoromethane (Surr1)	947	110074	52.971
34	18.822	117+119	Carbon Tetrachloride	970	516481	51.419
35	19.797	42+72	Tetrahydrofuran	588	0	0.000
36	18.904	75+39	1,1-Dichloropropene	993	0	0.000
37	19.359	78	Benzene	996	371407	48.413
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	984	128470	49.440
39	19.571	62+64	1,2-Dichloroethane	975	289672	55.736
40	19.535	73+55+87	tert-Amyl-methyl-ether	977	464953	51.992
42	20.732	130+132+95	Trichloroethene	988	524015	51.748
43	21.296	41	Methyl methacrylate	532	111483	111483.200
44	21.296	63+65	1,2-Dichloropropane	999	148943	56.778
45	21.548	93+174	Dibromomethane	957	188654	55.300
46	21.979	88	1,4-Dioxane	633	0	0.000
47	21.824	83+85	Bromodichloromethane	992	364819	50.643
48	22.961	63+43	2-Chloroethyl vinyl ether	990	95343	56.592
49	22.699	75+77+39	c-1,3-Dichloropropene	991	387908	49.430
50	22.961	43+58	4-Methyl-2-pentanone	990	133762	60.665
51	23.131	98	Toluene-d8 (Surr3)	993	445037	51.621
52	23.262	92+91	Toluene	997	1132206	53.415
53	24.013	69	Ethyl methacrylate	496	0	0.000
54	24.718	43+58+100	2-Hexanone	633	0	0.000
55	23.793	75+77	t-1,3-Dichloropropene	637	168254	52.617
56	24.156	97+99	1,1,2-Trichloroethane	971	210534	53.559
57	24.269	164+166	Tetrachloroethene	948	45237	49.061
58	24.495	76+41	1,3-Dichloropropane	993	289697	49.584
59	24.730	43	Isobutyl alcohol	418	0	0.000
60	24.882	129+127	Dibromochloromethane	959	235422	54.370
61	25.153	107+109	1,2-Dibromoethane	986	247334	51.352
62	26.112	91	1-Chlorohexane	998	773720	51.785
64	26.009	112+114	Chlorobenzene	994	595088	48.918
65	26.112	106+91	Ethylbenzene	998	1112969	46.549
66	25.958	131+117	1,1,1,2-Tetrachloroethane	995	298833	21.678
67	26.331	106+91	p,m-Xylenes	993	1935308	95.693
68	27.145	106+91	o-Xylene	996	1021898	48.940
69	27.193	104+78	Styrene	985	616176	47.198
70	27.697	171+173+175	Bromoform	935	141989	51.569
71	27.870	105+120	Isopropylbenzene	999	1131936	49.219
72	28.867	75	cis-1,4-Dichloro-2-butene	970	79675	47.678
73	28.364	95	p-Bromofluorobenzene (Surr4)	987	193868	51.827
74	28.692	83+85	1,1,2,2-Tetrachloroethane	974	194839	49.364
75	28.752	77+158	Bromobenzene	981	451884	48.929
76	28.811	91+120	n-Propylbenzene	996	1266110	47.934

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.584	75	trans-1,4-Dichloro-2-butene	419	0	0.000
78	28.867	75+110	1,2,3-Trichloropropane	966	122877	50.199
79	29.154	91+126	2-Chlorotoluene	991	800600	46.982
80	29.227	105+120	1,3,5-Trimethylbenzene	998	1068668	50.955
81	29.437	91+126	4-Chlorotoluene	992	748019	49.156
82	30.076	119+91	tert-Butylbenzene	987	1488187	52.800
83	30.245	105+120	1,2,4-Trimethylbenzene	994	991130	52.117
84	32.321	117	Pentachloroethane	991	4524	52.980
85	30.693	105+134	sec-Butylbenzene	996	1134555	50.191
86	31.086	119	4-Isopropyltoluene	987	745092	50.673
87	31.224	146+148	1,3-Dichlorobenzene	984	482720	49.059
89	31.504	146+148	1,4-Dichlorobenzene	975	452230	48.544
90	32.323	91	Benzyl Chloride	992	565198	48.524
91	32.324	91+134	n-Butylbenzene	991	807108	47.611
92	32.639	146+148	1,2-Dichlorobenzene	985	427914	48.653
93	34.916	75+157	1,2-Dibromo-3-chloropropane	962	60990	47.837
94	38.401	180+182	1,2,4-Trichlorobenzene	957	191541	43.178
95	37.358	225+226	Hexachlorobutadiene	942	155352	45.844
96	37.779	128	Naphthalene	978	199570	48.593
97	38.401	180+182	1,2,3-Trichlorobenzene	826	191541	43.178

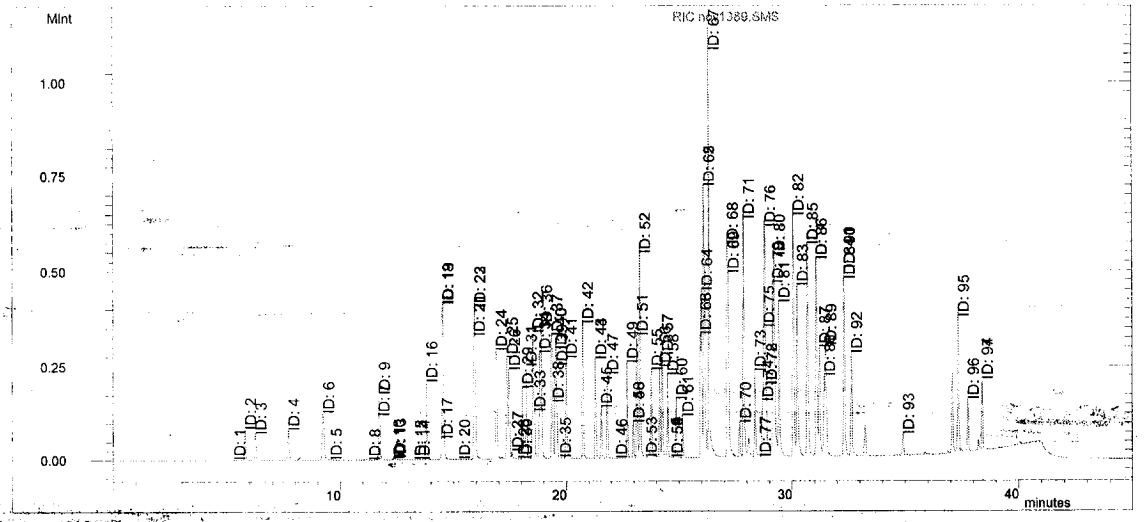
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1389.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCSD soil **Acquisition Dat** 11/21/02 4:47:33 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.004	96+70	Fluorobenzene (IS1)	999	448702	50.000
63	25.958	117	Chlorobenzene-d5(IS2)	988	282666	50.000
88	31.435	152	1,4-Dichlorobenzene-d4(IS3)	969	125984	50.000
1	5.332	85	Dichlorodifluoromethane	559	0	0.000
2	5.809	50+52	Chloromethane	992	133899	73.424
3	6.258	62+64	Vinyl Chloride	999	221726	58.069
4	7.718	94+96	Bromomethane	968	112926	73.499
5	9.574	49	Chloroethane	108	0	0.000
6	9.244	101+103	Trichlorofluoromethane	995	541123	65.869
7	11.692	101+151	Trichlorotrifluoroethane (Freon 113)	845	0	0.000
8	11.279	56	Acrolein	740	0	0.000
9	11.719	96+61+98	1,1-Dichloroethene	997	538917	60.038
10	12.332	142	Iodomethane	950	2155	2154.910
11	12.378	43+58	Acetone	957	25824	51.535
12	13.313	45	Isopropyl alcohol (2-Propanol)	676	0	0.000
13	12.413	76	Carbon disulfide	961	0	0.000
14	13.467	41	Acetonitrile	587	0	0.000
15	13.285	41	Allyl chloride	813	0	0.000
16	13.819	84+49+86	Methylene Chloride	999	482021	48.407
17	14.479	59	tert-Butanol	584	24814	157.385
18	14.532	73	Methyl-tert-butyl-ether (MTBE)	907	224689	46.999
19	14.544	61+96	t-1,2-Dichloroethene	972	430961	59.071
20	15.243	53	Acrylonitrile	641	0	0.000
21	15.927	63	1,1-Dichloroethane	985	304760	58.971
22	15.956	43	Vinyl acetate	735	165055	165054.800

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.957	45	Isopropyl ether	996	411776	59.614
24	16.903	59	Ethyl-tert-butyl-ether	999	443771	59.278
25	17.380	77+41	2,2-Dichloropropane	993	403274	53.032
26	17.472	61+96	c-1,2-Dichloroethene	991	413235	53.909
27	17.593	43+72	2-Butanone (MEK)	959	39337	54.782
28	17.876	54	Propionitrile	603	0	0.000
29	18.057	130+49	Bromochloromethane	990	238567	52.374
30	17.978	39	Methacrylonitrile	406	0	0.000
31	18.230	83+85	Chloroform	999	496698	53.718
32	18.538	97+99	1,1,1-Trichloroethane	983	667034	57.138
33	18.609	111	Dibromofluoromethane (Surr1)	936	108124	56.411
34	18.825	117+119	Carbon Tetrachloride	972	532447	57.469
35	19.717	42+72	Tetrahydrofuran	606	0	0.000
36	18.904	75+39	1,1-Dichloropropene	994	0	0.000
37	19.365	78	Benzene	996	359638	50.824
38	19.408	65	1,2-Dichloroethane-d4 (Surr2)	988	122851	51.256
39	19.575	62+64	1,2-Dichloroethane	980	274559	57.273
40	19.541	73+55+87	tert-Amyl-methyl-ether	965	434145	52.632
42	20.736	130+132+95	Trichloroethene	984	512534	53.496
43	21.301	41	Methyl methacrylate	519	105182	105182.000
44	21.300	63+65	1,2-Dichloropropane	999	140420	56.577
45	21.553	93+174	Dibromomethane	955	173877	53.870
46	22.207	88	1,4-Dioxane	531	14	13.927
47	21.830	83+85	Bromodichloromethane	991	363368	53.313
48	22.966	63+43	2-Chloroethyl vinyl ether	991	90239	56.612
49	22.704	75+77+39	c-1,3-Dichloropropene	990	369966	49.828
50	22.966	43+58	4-Methyl-2-pentanone	990	121235	58.114
51	23.135	98	Toluene-d8 (Surr3)	993	415486	50.937
52	23.266	92+91	Toluene	997	1080265	53.866
53	23.540	69	Ethyl methacrylate	597	0	0.000
54	24.681	43+58+100	2-Hexanone	672	0	0.000
55	23.799	75+77	t-1,3-Dichloropropene	687	166628	55.075
56	24.160	97+99	1,1,2-Trichloroethane	972	198859	53.469
57	24.273	164+166	Tetrachloroethene	946	44276	50.752
58	24.506	76+41	1,3-Dichloropropane	986	276104	49.948
59	24.681	43	Isobutyl alcohol	483	0	0.000
60	24.886	129+127	Dibromochloromethane	958	215900	52.700
61	25.159	107+109	1,2-Dibromoethane	984	239398	52.534
62	26.116	91	1-Chlorohexane	997	768093	54.335
64	26.014	112+114	Chlorobenzene	994	570993	49.610
65	26.116	106+91	Ethylbenzene	997	1106483	50.139
66	25.958	131+117	1,1,1,2-Tetrachloroethane	995	282186	22.179
67	26.334	106+91	p,m-Xylenes	993	1885866	101.029
68	27.150	106+91	o-Xylene	998	1037094	53.812
69	27.196	104+78	Styrene	986	593036	49.215
70	27.702	171+173+175	Bromoform	934	134264	52.832
71	27.874	105+120	Isopropylbenzene	999	1138604	53.639
72	28.871	75	cis-1,4-Dichloro-2-butene	970	80124	51.948
73	28.369	95	p-Bromofluorobenzene (Surr4)	988	178894	51.815
74	28.698	83+85	1,1,2,2-Tetrachloroethane	984	186222	51.117
75	28.757	77+158	Bromobenzene	986	445764	52.294
76	28.815	91+120	n-Propylbenzene	996	1289825	52.906

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.581	75	trans-1,4-Dichloro-2-butene	515	0	0.000
78	28.871	75+110	1,2,3-Trichloropropane	966	122125	54.055
79	29.159	91+126	2-Chlorotoluene	992	781068	49.661
80	29.233	105+120	1,3,5-Trimethylbenzene	997	1050876	54.287
81	29.441	91+126	4-Chlorotoluene	993	717160	51.061
82	30.078	119+91	tert-Butylbenzene	982	1424469	54.756
83	30.249	105+120	1,2,4-Trimethylbenzene	994	967522	55.121
84	32.321	117	Pentachloroethane	991	4071	51.652
85	30.696	105+134	sec-Butylbenzene	996	1159864	55.592
86	31.092	119	4-Isopropyltoluene	986	745234	54.911
87	31.228	146+148	1,3-Dichlorobenzene	985	464777	51.177
89	31.508	146+148	1,4-Dichlorobenzene	979	424190	49.333
90	32.327	91	Benzyl Chloride	991	580619	54.008
91	32.327	91+134	n-Butylbenzene	991	827062	52.859
92	32.642	146+148	1,2-Dichlorobenzene	988	412757	50.846
93	34.918	75+157	1,2-Dibromo-3-chloropropane	971	58478	49.695
94	38.401	180+182	1,2,4-Trichlorobenzene	956	187739	45.852
95	37.359	225+226	Hexachlorobutadiene	942	169634	54.235
96	37.779	128	Naphthalene	978	196534	51.847
97	38.401	180+182	1,2,3-Trichlorobenzene	829	187739	45.852

EPA 8270:

Data & QA/QC

Sequence Name: C:\HPCHEM\1\SEQUENCE\112202.S
Comment: data analyzed on the 22nd of November 2002
Operator: dp
Data Path: C:\HPCHEM\1\DATA\NOV02\112202\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	112201	DFTPP525	50 ng of DFTPP Tune
2	Sample	4	112202	020401	80 ppm 8270 ccv
3	Sample	7	112203	020401	MB 102451
4	Sample	8	112204	020401	LCS 102451
5	Sample	9	112205	020401	102451-077
6	Sample	10	112206	020401	102451-077, MS
7	Sample	11	112207	020401	102451-077, MSD
8	Sample	12	112208	020401	102451-074
9	Sample	13	112209	020401	102451-075
10	Sample	14	112210	020401	102451-076
11	Sample	15	112211	020401	102451-078
12	Sample	16	112212	020401	102451-079
13	Sample	17	112213	020401	102451-080
14	Sample	18	112214	020401	102451-081
15	Sample	1	112215	DFTPP525	50 ng of DFTPP Tune
16	Sample	4	112216	020401	80 ppm 8270 ccv
17	Sample	19	112217	020401	102451-082
18	Sample	20	112218	020401	102451-083
19	Sample	21	112219	020401	102451-084
20	Sample	22	112220	020401	MB 102299
21	Sample	23	112221	020401	LCS 102299
22	Sample	24	112222	020401	LCSD 102299
23	Sample	25	112223	020401	102299-314
24	Sample	26	112224	020401	102299-315
25	Sample	27	112225	020401	102299-316
26	Sample	28	112226	020401	102299-317
27	Sample	29	112227	020401	102299-318
28	Sample	30	112228	020401	102299-319
29	Sample	31	112229	020401	102354-582
30	Sample	32	112230	020401	102354-583
31	Sample	1	112231	DFTPP525	50 ng of DFTPP Tune
32	Sample	4	112232	020401	80 ppm 8270 ccv
33	Sample	33	112233	020401	MB 102531
34	Sample	34	112234	020401	LCS 102531
35	Sample	35	112235	020401	102531-575
36	Sample	36	112236	020401	102531-576
37	Sample	37	112237	020401	102531-576, MS
38	Sample	38	112238	020401	102531-576, MSD

000206

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 13:58:48 2002
Response via : Initial Calibration

Non-Spiked Sample: 112203.D, MB 102451, method blank - soil samples

	Spike Sample	Spike Duplicate Sample
File ID :	112204.D	
Sample :	LCS 102451	
Acq Time:	22 Nov 2002 11:38 am	

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	50	22		45			35	26-125
2-Chlorophenol	0.1	50	26		51			50	25-125
1,4-Dichlorobenzene	0.0	50	28		56			27	28-104
n-Nitroso-di-n-propy	0.0	50	28		55			38	41-126
1,2,4-Trichlorobenze	0.0	50	30		60			23	38-107
4-Chloro-3-methylphe	0.1	50	29		58			33	26-103
Acenaphthene	0.0	50	30		59			19	31-137
4-Nitrophenol	0.2	50	36		71			50	11-114
2,4-Dinitrotoluene	0.0	50	38		76			47	28- 89
Pentachlorophenol	0.1	50	45		89			47	17-109
Pyrene	0.0	50	45		90			36	35-142

- Fails Limit Check

103102.M Fri Nov 22 13:59:56 2002

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration

Non-Spiked Sample: 112205.D, 102451-077, soil sample

	Spike Sample	Spike Duplicate Sample
File ID :	112206.D	112207.D
Sample :	102451-077, MS	102451-077, MSD
Acq Time:	22 Nov 2002 1:06 pm	22 Nov 2002 1:50 pm

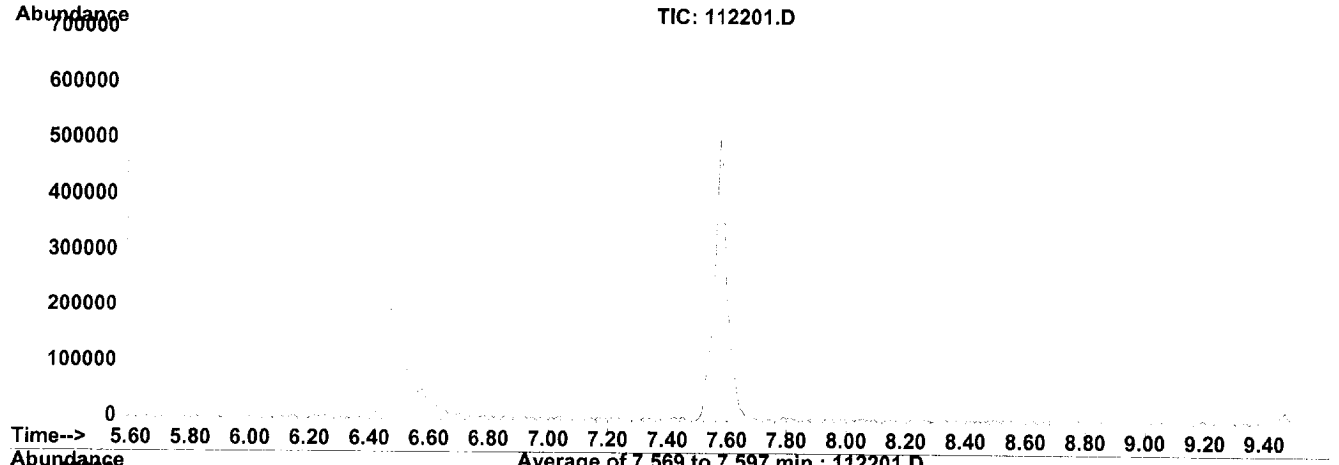
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.1	50	21	20	42	40	6	35	26-125
2-Chlorophenol	0.0	50	22	19	45	39	14	50	25-125
1,4-Dichlorobenzene	0.0	50	22	23	44	45	2	27	28-104
n-Nitroso-di-n-propy	0.1	50	24	26	49	52	6	38	41-126
1,2,4-Trichlorobenze	0.0	50	24	23	47	46	3	23	38-107
4-Chloro-3-methylphe	0.1	50	23	23	46	47	1	33	26-103
Acenaphthene	0.0	50	25	22	50	45	11	19	31-137
4-Nitrophenol	0.1	50	45	28	90	55	48	50	11-114
2,4-Dinitrotoluene	0.0	50	40	33	81	67	19	47	28- 89
Pentachlorophenol	0.2	50	43	39	85	79	8	47	17-109
Pyrene	0.0	50	44	44	88	89	1	36	35-142

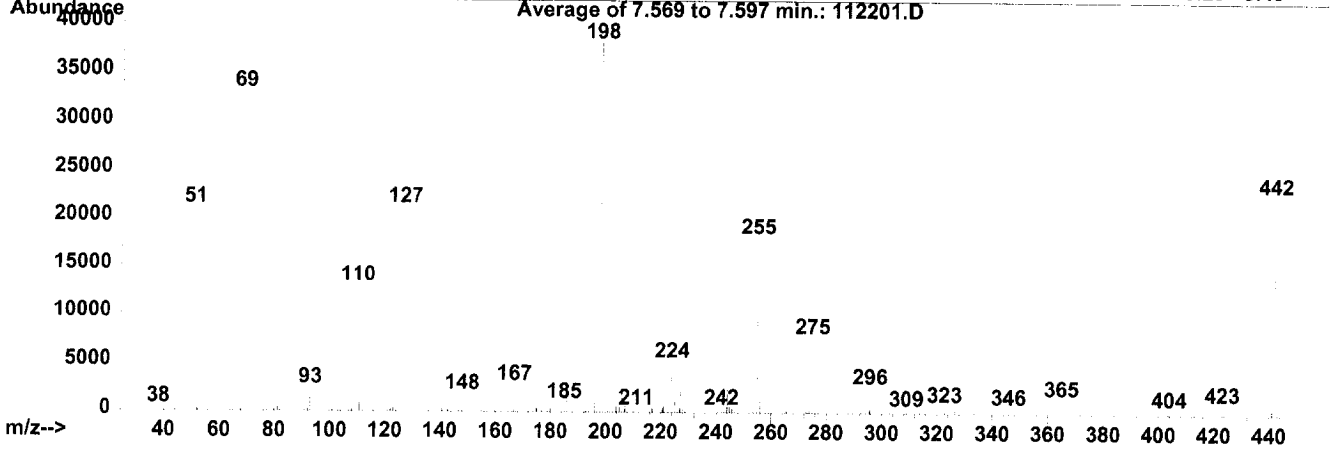
- Fails Limit Check

103102.M Fri Nov 22 14:23:57 2002

DFTPP

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112201.D Vial: 1
Acq On : 22 Nov 2002 9:47 am Operator: dp
Sample : 50 ng of DFTPP Tune Inst : GC/MS Ins
Misc : W# 02072506, Lot # B1100352-1A Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270





Spectrum Information: Average of 7.569 to 7.597 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	54.6	20835	PASS
68	69	0.00	2	1.3	433	PASS
69	198	0.00	100	86.0	32816	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.9	20949	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	38176	PASS
199	198	5	9	6.8	2602	PASS
275	198	10	30	19.6	7498	PASS
365	198	1	100	3.2	1233	PASS
441	443	0.01	100	61.4	2691	PASS
442	198	40	100	58.7	22416	PASS
443	442	17	23	19.5	4380	PASS

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Nov 20 07:34:27 2002
Response via : Initial Calibration

Calibration Files
20 =103102.D 50 =103103.D 80 =103104.D
120 =103105.D 160 =103106.D

		Compound	20	50	80	120	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		Pyridine	0.839	0.375	0.651	0.706	1.117	0.738	36.75
3)	S	2-Fluorophenol	0.781	0.606	0.811	0.733	1.347	0.856	33.40
4)	S	Phenol-d5	1.299	1.222	1.153	1.037	1.762	1.295	21.52
5)	TMC	Phenol	1.302	1.273	1.212	1.097	1.842	1.345	21.45#
6)	T	Aniline	0.454	0.343	0.518	0.512	0.621	0.490	20.78
7)	T	bis(2-Chloroethyl)eth	1.280	1.346	1.192	1.064	1.745	1.325	19.38
8)	TM	2-Chlorophenol	1.057	0.946	0.875	0.810	1.379	1.014	22.10
9)	T	1,3-Dichlorobenzene	1.111	0.931	0.950	0.875	1.505	1.074	23.84
10)	TMC	1,4-Dichlorobenzene	1.180	1.069	1.030	0.938	1.653	1.174	23.98#
11)	T	Benzyl alcohol	0.655	0.710	0.575	0.523	0.892	0.671	21.29
12)	T	1,2-Dichlorobenzene	1.082	0.990	0.916	0.838	1.448	1.055	22.52
13)	T	2-Methylphenol	0.817	0.858	0.762	0.354	0.436	0.645	36.09
14)	T	bis(2-Chloroisopropyl	1.977	2.166	1.728	1.536	2.638	2.009	21.17
15)	T	4-Methylphenol	1.022	1.184	0.991	0.913	1.474	1.117	19.93
16)	T	3-Methylphenol	1.022	1.184	0.991	0.913	1.474	1.117	19.93
17)	TMP	n-Nitroso-di-n-propyl	0.491	0.548	0.419	0.366	0.583	0.481	18.65
18)	T	Hexachloroethane	0.540	0.483	0.468	0.424	0.741	0.531	23.42
19)	I	Naphthalene-d8	----------ISTD----------						
20)	S	Nitrobenzene-d5	0.527	0.497	0.544	0.546	0.548	0.533	4.00
21)	T	Nitrobenzene	0.258	0.258	0.277	0.275	0.283	0.270	4.19
22)	T	Isophorone	1.008	1.024	1.055	0.999	0.996	1.017	2.39
23)	TC	2-Nitrophenol	0.243	0.265	0.287	0.281	0.286	0.272	6.83#
24)	T	2,4-Dimethylphenol	0.177	0.214	0.310	0.309	0.317	0.265	24.51
25)	T	bis(2-Chloroethoxy)me	0.630	0.627	0.664	0.636	0.634	0.638	2.30
26)	T	Benzoic acid	0.173	0.253	0.247	0.256	0.255	0.237	15.15
27)	TC	2,4-Dichlorophenol	0.329	0.335	0.353	0.356	0.356	0.346	3.70#
28)	TM	1,2,4-Trichlorobenzen	0.368	0.344	0.383	0.376	0.395	0.373	5.08
29)	T	Naphthalene	1.282	1.214	1.308	1.279	1.316	1.280	3.13
30)	T	4-Chloroaniline	0.147	0.156	0.167	0.161	0.166	0.159	5.28
31)	TC	Hexachlorobutadiene	0.193	0.180	0.198	0.194	0.206	0.194	4.93#
32)	TMC	4-Chloro-3-methylphen	0.367	0.395	0.427	0.412	0.398	0.400	5.56#
33)	T	2-Methylnaphthalene	1.134	1.160	1.200	1.162	0.913	1.114	10.27
34)	I	Acenaphthene-d10	----------ISTD----------						
35)	TP	Hexachloropentadiene	0.036	0.050	0.066	0.077	0.076	0.061	28.89
36)	TC	2,4,6-Trichlorophenol	0.454	0.408	0.431	0.437	0.441	0.434	3.89#
37)	T	2,4,5-Trichlorophenol	0.441	0.437	0.449	0.462	0.474	0.453	3.41
38)	S	2-Fluorobiphenyl	1.686	1.462	1.508	1.568	1.597	1.564	5.50
39)	T	2-Chloronaphthalene	1.506	1.391	1.419	1.489	1.501	1.461	3.61
40)	T	2-Nitroaniline	0.534	0.565	0.592	0.625	0.615	0.586	6.36
41)	T	Dimethylphthalate	1.668	1.594	1.704	1.739	1.734	1.688	3.52

000210

(#) = Out of Range

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Nov 20 07:34:27 2002
Response via : Initial Calibration

Calibration Files
20 =103102.D 50 =103103.D 80 =103104.D
120 =103105.D 160 =103106.D

		Compound	20	50	80	120	160	Avg	%RSD
42)	T	2,6-Dinitrotoluene	0.360	0.395	0.414	0.427	0.431	0.405	7.19
43)	T	Acenaphthylene	2.226	2.018	2.108	2.211	2.263	2.165	4.63
44)	T	3-Nitroaniline	0.534	0.565	0.592	0.625	0.615	0.586	6.36
45)	TMC	Acenaphthene	1.353	1.256	1.318	1.332	1.362	1.324	3.17#
46)	TP	2,4-Dinitrophenol	0.146	0.097	0.095	0.126	0.144	0.122	20.25
47)	TMP	4-Nitrophenol	0.204	0.140	0.132	0.144	0.141	0.152	19.23
48)	TM	2,4-Dinitrotoluene	0.394	0.496	0.528	0.565	0.545	0.506	13.30
49)	T	Dibenzofuran	1.873	1.796	1.922	1.944	1.922	1.891	3.14
50)	T	Diethylphthalate	1.679	1.681	1.764	1.796	1.793	1.743	3.37
51)	T	4-Chlorophenyl phenyl	0.707	0.668	0.689	0.710	0.713	0.697	2.70
52)	T	Fluorene	1.501	1.436	1.531	1.566	1.548	1.516	3.35
53)	T	4-Nitroaniline	0.534	0.565	0.592	0.625	0.615	0.586	6.36
54)	S	2,4,6-Tribromophenol	0.171	0.180	0.181	0.193	0.188	0.183	4.61
55)	I	Phenanthrene-d10	----------ISTD----------						
56)	T	4,6-Dinitro-2-methylp	0.272	0.166	0.188	0.208	0.222	0.211	18.94
57)	TC	n-Nitrosodiphenylamin	0.604	0.479	0.540	0.528	0.603	0.551	9.72#
58)	T	Azobenzene	1.621	1.507	1.632	1.588	1.678	1.605	3.97
59)	T	4-Bromophenyl phenyl	0.264	0.252	0.270	0.264	0.277	0.265	3.55
60)	T	Hexachlorobenzene	0.291	0.268	0.294	0.282	0.303	0.288	4.66
61)	TMC	Pentachlorophenol	0.123	0.090	0.086	0.104	0.104	0.101	14.33#
62)	T	Anthracene	1.270	1.223	1.394	1.406	1.461	1.351	7.41
63)	T	Phenanthrene	1.337	1.283	1.375	1.366	1.401	1.352	3.34
64)	T	Di-n-butylphthalate	2.075	1.984	2.182	2.169	2.201	2.122	4.29
65)	TC	Fluoranthene	1.380	1.311	1.434	1.468	1.462	1.411	4.66#
66)	I	Chrysene-d12	----------ISTD----------						
67)	TM	Pyrene	1.950	1.837	1.920	1.911	1.994	1.922	2.99
68)	S	Terphenyl-d14	1.388	1.161	1.202	1.198	1.273	1.245	7.23
69)	T	Butylbenzylphthalate	1.227	1.206	1.257	1.257	1.309	1.251	3.09
70)	T	3,3'-Dichlorobenzidin	0.286	0.339	0.385	0.480	0.493	0.397	22.55
71)	T	bis(2-Ethylhexyl)phth	1.719	1.646	1.719	1.735	1.802	1.724	3.21
72)	T	Benzo(a)anthracene	1.550	1.492	1.602	1.594	1.629	1.573	3.43
73)	T	Chrysene	1.448	1.397	1.480	1.481	1.525	1.466	3.22
74)	I	Perylene-d12	----------ISTD----------						
75)	TC	Di-n-octylphthalate	2.722	2.732	2.866	2.755	2.852	2.785	2.46#
76)	T	Benzo(b)fluoranthrene	1.963	2.151	2.424	2.431	2.193	2.233	8.87
77)	T	Benzo(k)fluoranthrene	2.444	2.286	2.157	2.047	1.988	2.184	8.43
78)	TC	Benzo(a)pyrene	1.897	1.868	2.040	1.985	2.065	1.971	4.39#
79)	T	Indeno(1,2,3-cd)pyren	2.145	2.230	2.271	2.278	2.340	2.253	3.20
80)	T	Dibenzo(a,h)anthracen	1.673	1.809	1.829	1.833	1.891	1.807	4.47
81)	T	Benzo(g,h,i)perylene	1.748	1.862	1.901	1.915	1.948	1.875	4.12

(#) = Out of Range

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112202.D Vial: 4
Acq On : 22 Nov 2002 10:11 am Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 13:53 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Nov 20 07:34:27 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	150	744887	40.00	ug/L	-0.09
19) Naphthalene-d8	11.76	136	1427611	40.00	ug/L	-0.10
34) Acenaphthene-d10	16.36	164	743912	40.00	ug/L	-0.10
55) Phenanthrene-d10	20.10	188	1061352	40.00	ug/L	-0.12
66) Chrysene-d12	26.90	240	855958	40.00	ug/L	-0.12
74) Perylene-d12	30.27	264	451605	40.00	ug/L	-0.13
System Monitoring Compounds						
3) 2-Fluorophenol	4.90	112	913876	57.35	ug/L	-0.13
Spiked Amount 100.000	Range 21 - 110		Recovery = 57.35%			
4) Phenol-d5	7.87	99	307783	12.77	ug/L	-0.03
Spiked Amount 100.000	Range 10 - 110		Recovery = 12.77%			
20) Nitrobenzene-d5	9.95	82	1614680	84.96	ug/L	-0.10
Spiked Amount 50.000	Range 34 - 114		Recovery = 169.92%#			
38) 2-Fluorobiphenyl	14.87	172	14326	0.49	ug/L	0.05
Spiked Amount 50.000	Range 43 - 116		Recovery = 0.98%#			
54) 2,4,6-Tribromophenol	18.43	330	339017	99.70	ug/L	-0.12
Spiked Amount 100.000	Range 10 - 123		Recovery = 99.70%			
68) Terphenyl-d14	24.29	244	2183094	81.97	ug/L	-0.12
Spiked Amount 50.000	Range 33 - 141		Recovery = 163.94%#			
Target Compounds						Qvalue
2) Pyridine	2.36	79	591161	43.03	ug/L	100
5) Phenol	8.05	94	32479	1.30	ug/L #	1
6) Aniline	7.58	93	839109	92.02	ug/L	97
7) bis(2-Chloroethyl)ether	7.81	93	1397864	56.64	ug/L	92
8) 2-Chlorophenol	7.87	128	1233657	65.36	ug/L	92
9) 1,3-Dichlorobenzene	8.34	146	1553810	77.66	ug/L	100
10) 1,4-Dichlorobenzene	8.34	146	1553810	71.07	ug/L	97
11) Benzyl alcohol	8.93	108	798194	63.87	ug/L	97
12) 1,2-Dichlorobenzene	8.84	146	1442110	73.43	ug/L	98
13) 2-Methylphenol	9.39	108	1027429	85.48	ug/L	93
14) bis(2-Chloroisopropyl)ethe	9.31	45	2132570	57.00	ug/L	98
15) 4-Methylphenol	9.83	107	1327865	63.84	ug/L	97
16) 3-Methylphenol	9.83	107	1327865	63.84	ug/L	97
17) n-Nitroso-di-n-propylamine	9.73	70	657755	73.38	ug/L	96
18) Hexachloroethane	9.65	117	771603	77.97	ug/L	98
21) Nitrobenzene	10.00	123	701755	72.74	ug/L	83
22) Isophorone	10.67	82	2830802	78.03	ug/L	98
23) 2-Nitrophenol	11.05	139	8765	0.90	ug/L #	43
24) 2,4-Dimethylphenol	11.19	122	819148	86.45	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112202.D Vial: 4
Acq On : 22 Nov 2002 10:11 am Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 13:53 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Nov 20 07:34:27 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) bis(2-Chloroethoxy)methane	11.37	93	1733703	76.12 ug/L	99
26) Benzoic acid	12.09	105	6001	0.71 ug/L #	73
27) 2,4-Dichlorophenol	11.56	162	1125492	91.18 ug/L	93
28) 1,2,4-Trichlorobenzene	11.68	180	1275699	95.81 ug/L	97
29) Naphthalene	11.81	128	3675307	80.45 ug/L	98
30) 4-Chloroaniline	11.81	127	483284	85.01 ug/L	95
31) Hexachlorobutadiene	12.35	225	800045	115.54 ug/L	96
32) 4-Chloro-3-methylphenol	13.57	107	1236200	86.64 ug/L	94
33) 2-Methylnaphthalene	13.64	142	2828408	71.16 ug/L	95
35) Hexachloropentadiene	14.25	237	190774	168.27 ug/L	98
36) 2,4,6-Trichlorophenol	14.68	196	799432	98.96 ug/L	91
37) 2,4,5-Trichlorophenol	14.68	196	804319	95.56 ug/L	92
39) 2-Chloronaphthalene	14.89	162	2343749	86.25 ug/L	96
40) 2-Nitroaniline	15.37	138	837506	76.84 ug/L	92
41) Dimethylphthalate	15.96	163	2944024	93.79 ug/L	99
42) 2,6-Dinitrotoluene	16.11	165	665826	88.31 ug/L	91
43) Acenaphthylene	15.96	152	3467394	86.11 ug/L	99
44) 3-Nitroaniline	15.37	138	837506	76.84 ug/L	92
45) Acenaphthene	16.45	154	2029568	82.41 ug/L	97
46) 2,4-Dinitrophenol	16.74	184	291989	129.13 ug/L	99
47) 4-Nitrophenol	17.35	109	11786	4.17 ug/L #	72
48) 2,4-Dinitrotoluene	17.10	165	870676	92.57 ug/L	85
49) Dibenzofuran	16.87	168	2980431	84.73 ug/L	99
50) Diethylphthalate	17.79	149	2853179	88.03 ug/L	100
51) 4-Chlorophenyl phenyl ethe	17.81	204	1207794	93.12 ug/L	97
52) Fluorene	17.74	166	2396159	84.96 ug/L	98
53) 4-Nitroaniline	15.37	138	837506	76.84 ug/L	98
56) 4,6-Dinitro-2-methylphenol	18.15	198	485456	86.66 ug/L	89
57) n-Nitrosodiphenylamine	18.17	169	783096	53.58 ug/L	95
58) Azobenzene	18.21	77	3349429	78.64 ug/L	93
59) 4-Bromophenyl phenyl ether	19.03	248	684108	97.18 ug/L	95
60) Hexachlorobenzene	19.36	284	741542	97.18 ug/L	96
61) Pentachlorophenol	19.89	266	335056	124.74 ug/L	98
62) Anthracene	20.29	178	2769978	77.28 ug/L	99
63) Phenanthrene	20.29	178	2768926	77.16 ug/L	98
64) Di-n-butylphthalate	21.93	149	4208558	74.74 ug/L	99
67) Pyrene	23.77	202	3249872	79.00 ug/L	99
69) Butylbenzylphthalate	25.70	149	1944558	72.63 ug/L	96
70) 3,3'-Dichlorobenzidine	26.90	252	473747	55.82 ug/L	99
71) bis(2-Ethylhexyl)phthalate	27.26	149	2052965	55.65 ug/L	99
72) Benzo(a)anthracene	26.97	228	2478305	73.60 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112202.D Vial: 4
Acq On : 22 Nov 2002 10:11 am Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 13:53 19102 Quant Results File: 103102.RES

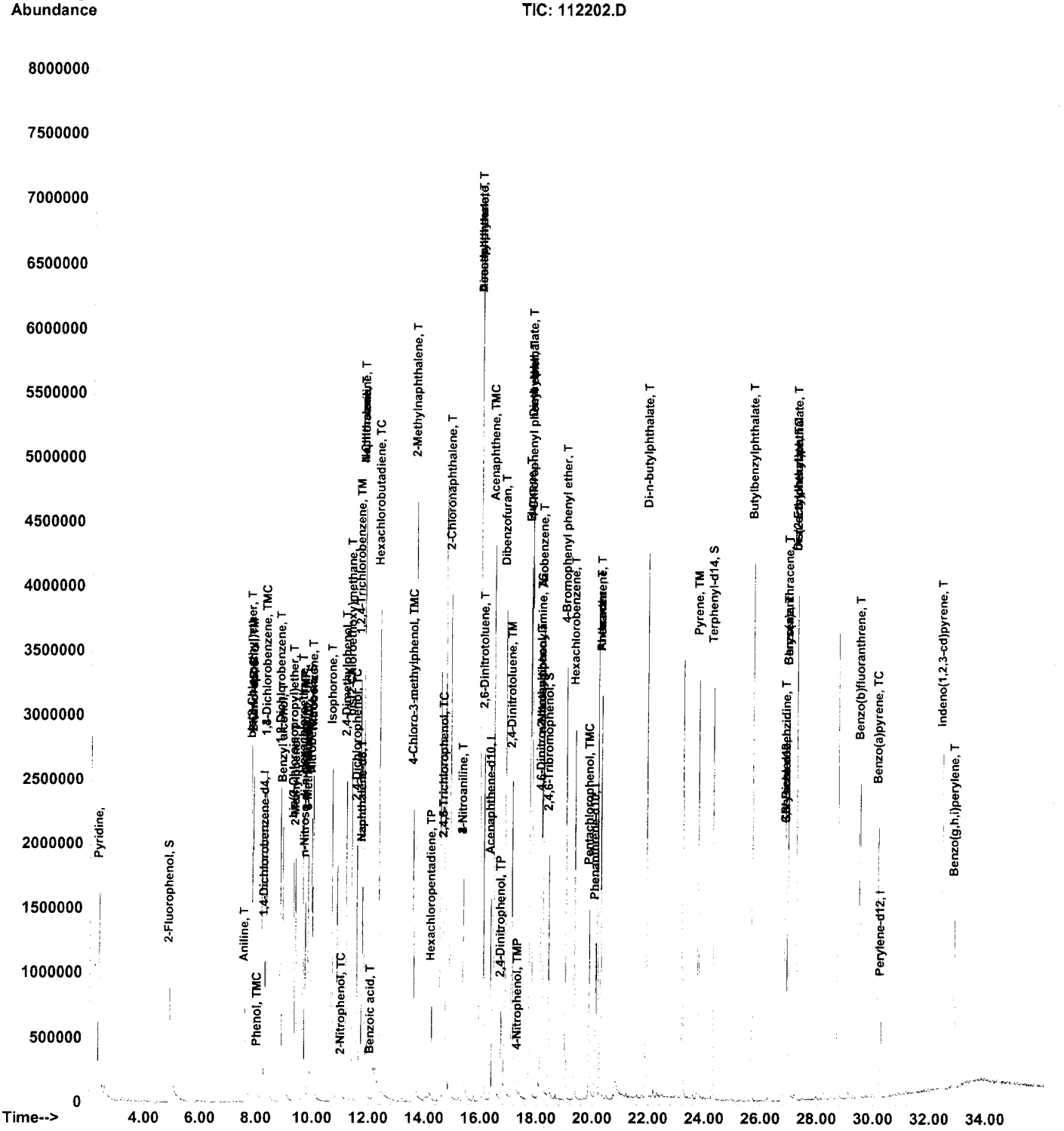
Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Nov 20 07:34:27 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
73) Chrysene	26.97	228	2478305	79.00 ug/L	97
75) Di-n-octylphthalate	27.26	149	2052965	65.28 ug/L	98
76) Benzo(b)fluoranthrene	29.53	252	2245397	89.08 ug/L	98
78) Benzo(a)pyrene	30.17	252	2261491	101.63 ug/L	98
79) Indeno(1,2,3-cd)pyrene	32.45	276	2206463	86.75 ug/L	95
81) Benzo(g,h,i)perylene	32.90	276	1721677	81.33 ug/L	99

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112202.D Vial: 4
Acq On : 22 Nov 2002 10:11 am Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 13:53 19102 Quant Results File: 103102.RES

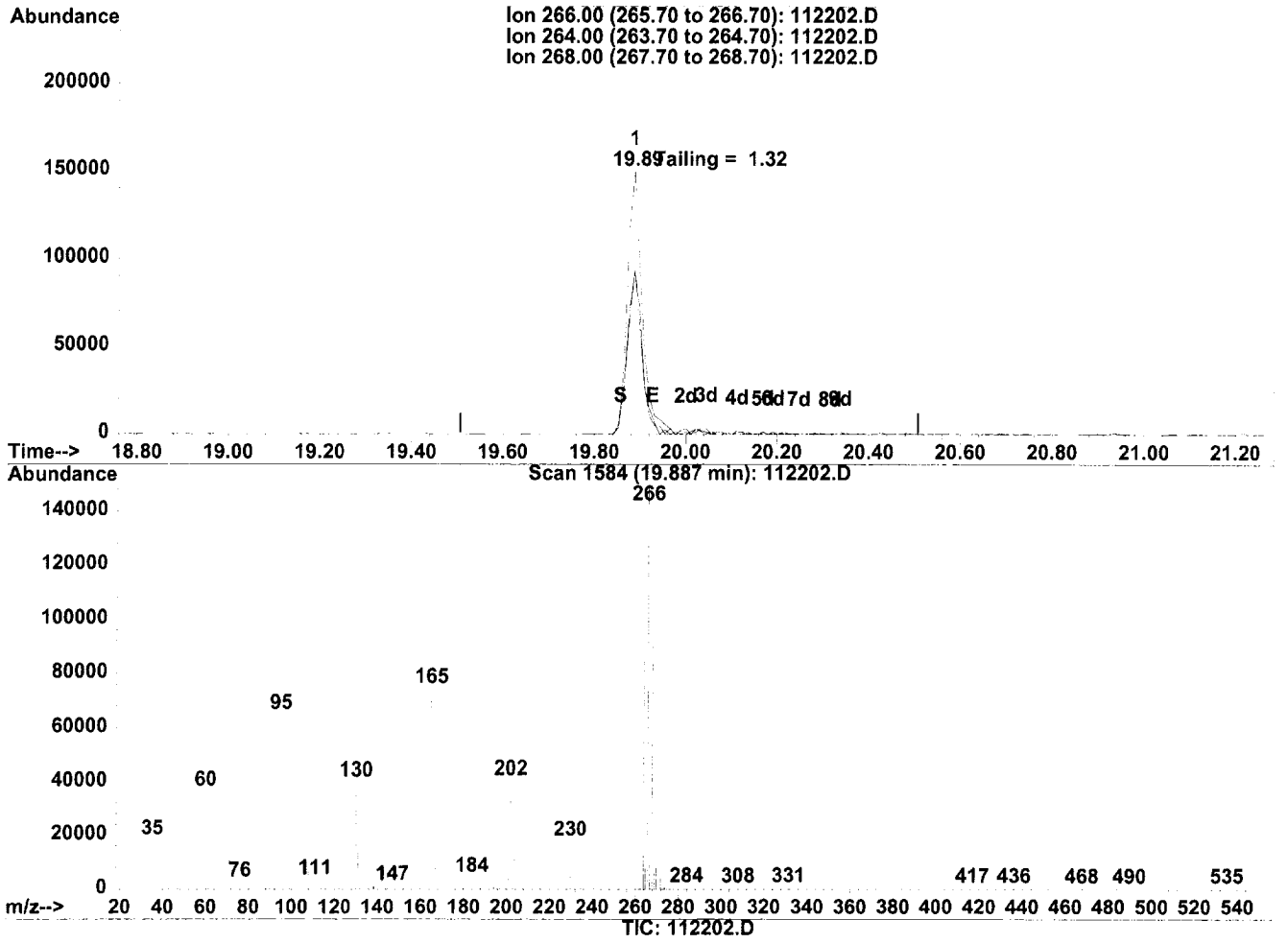
Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Nov 20 07:34:27 2002
Response via : Initial Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112202.D Vial: 4
Acq On : 22 Nov 2002 10:11 am Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
Quant Time: Nov 22 13:53 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Nov 20 07:34:27 2002
Response via : Multiple Level Calibration



(61) Pentachlorophenol (TMC)

19.89min 124.74ug/L

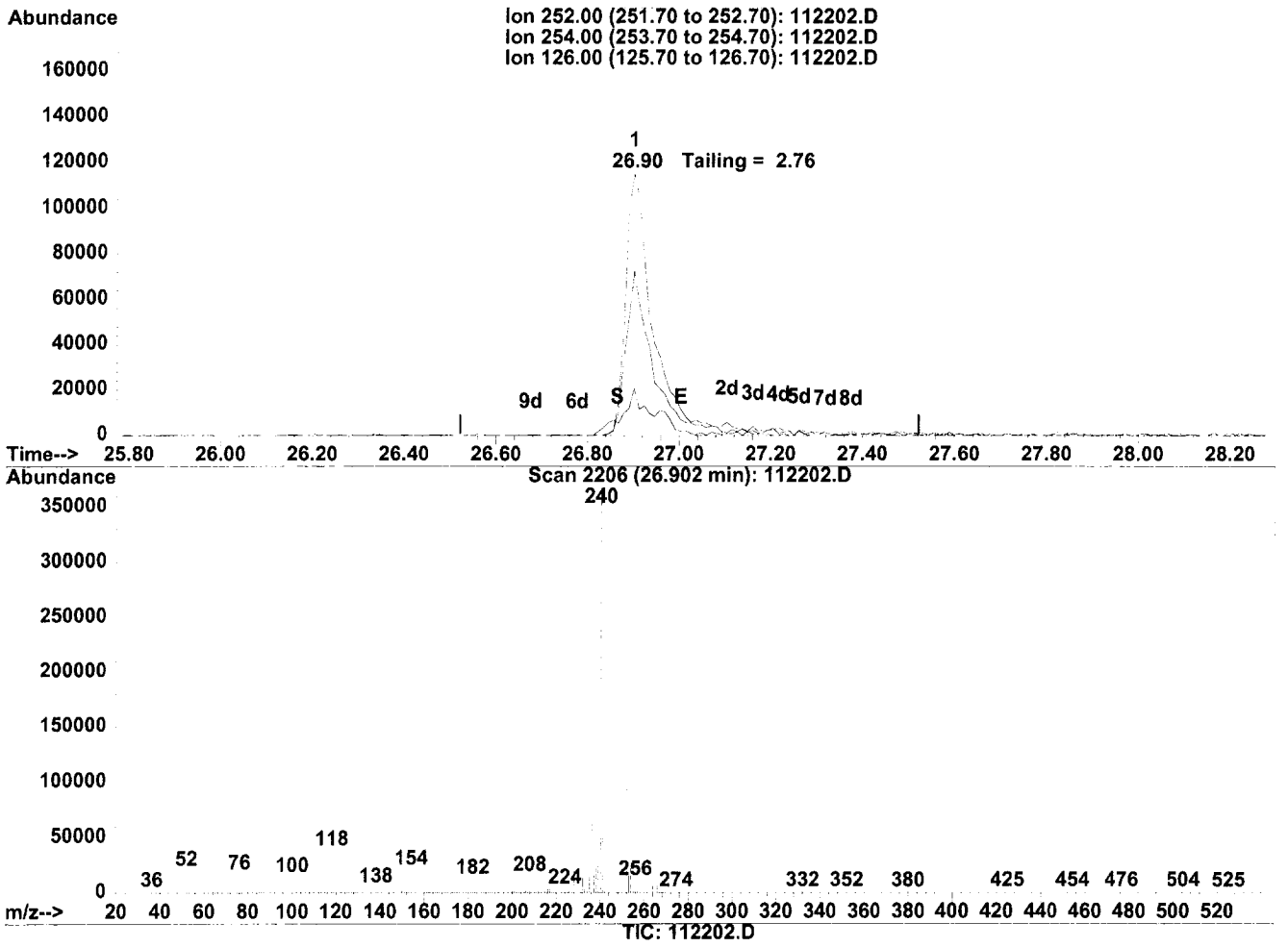
response 335056

Ion	Exp%	Act%
266.00	100	100
264.00	62.80	60.57
268.00	64.60	63.70
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112202.D Vial: 4
Acq On : 22 Nov 2002 10:11 am Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
Quant Time: Nov 22 13:53 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Nov 20 07:34:27 2002
Response via : Multiple Level Calibration



(70) 3,3'-Dichlorobenzidine (T)

26.90min 55.82ug/L

response 473747

Ion	Exp%	Act%
252.00	100	100
254.00	63.00	63.02
126.00	12.90	15.61
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112203.D Vial: 7
Acq On : 22 Nov 2002 10:55 am Operator: dp
Sample : MB 102451 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:01 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

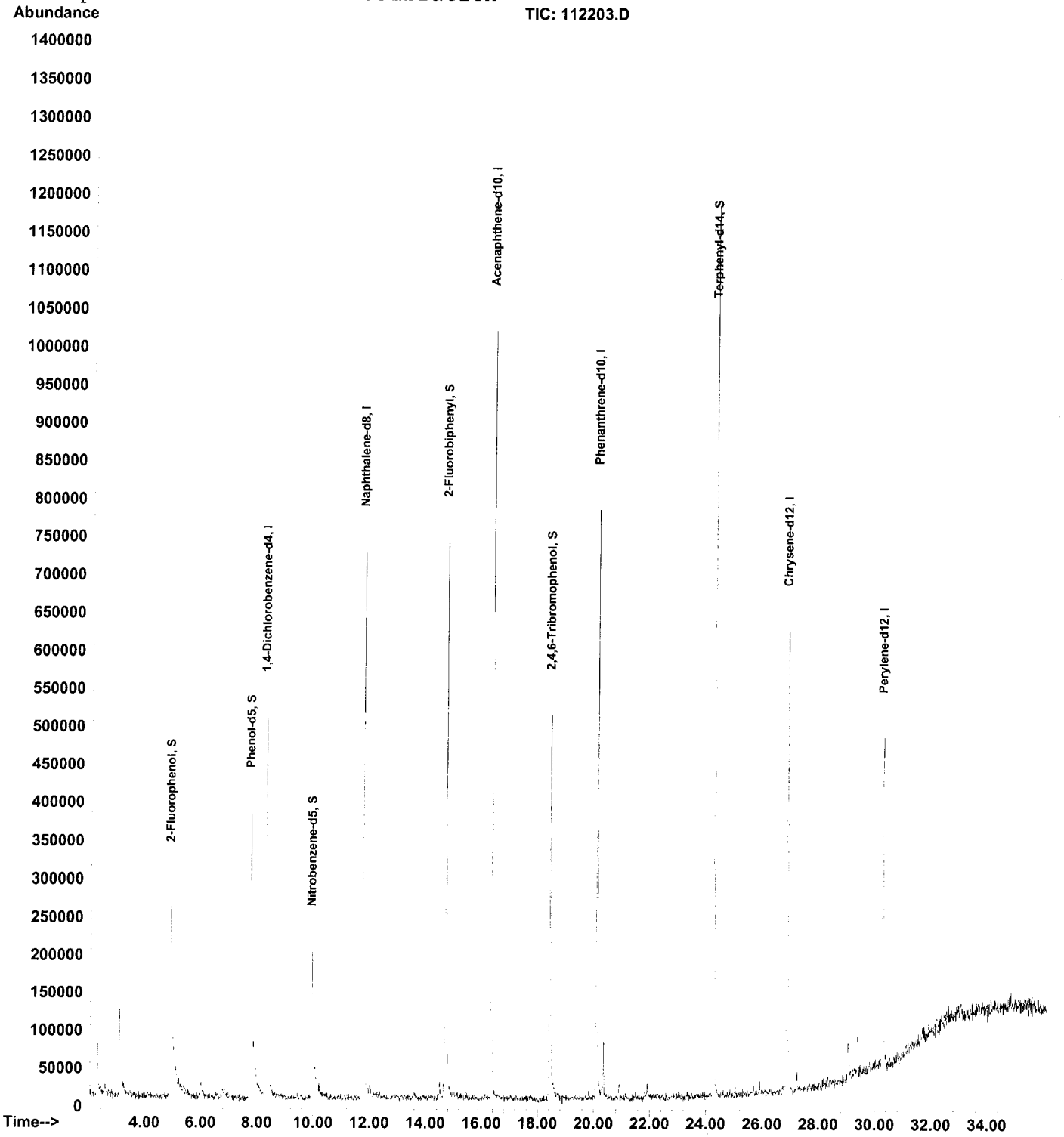
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	150	339095	40.00	ug/L	0.00
19) Naphthalene-d8	11.75	136	847442	40.00	ug/L	0.00
34) Acenaphthene-d10	16.35	164	478341	40.00	ug/L	0.00
55) Phenanthrene-d10	20.09	188	685215	40.00	ug/L	0.00
66) Chrysene-d12	26.87	240	559780	40.00	ug/L	0.00
74) Perylene-d12	30.27	264	346951	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.92	112	287672	39.66	ug/L	-0.06
Spiked Amount 100.000	Range 25 - 121		Recovery = 39.66%			
4) Phenol-d5	7.76	99	555704	50.64	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 50.64%			
20) Nitrobenzene-d5	9.96	82	237109	21.02	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 42.04%			
38) 2-Fluorobiphenyl	14.70	172	516075	27.59	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 55.18%			
54) 2,4,6-Tribromophenol	18.43	330	135643	62.04	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 62.04%			
68) Terphenyl-d14	24.28	244	794799	45.63	ug/L	-0.13
Spiked Amount 50.000	Range 18 - 137		Recovery = 91.26%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112203.D Vial: 7
Acq On : 22 Nov 2002 10:55 am Operator: dp
Sample : MB 102451 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:01 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112204.D Vial: 8
Acq On : 22 Nov 2002 11:38 am Operator: dp
Sample : LCS 102451 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 13:59 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 13:58:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	150	398351	40.00	ug/L	0.00
19) Naphthalene-d8	11.74	136	893966	40.00	ug/L	0.00
34) Acenaphthene-d10	16.34	164	477554	40.00	ug/L	0.00
55) Phenanthrene-d10	20.10	188	667307	40.00	ug/L	0.00
66) Chrysene-d12	26.88	240	518742	40.00	ug/L	0.00
74) Perylene-d12	30.27	264	318692	40.00	ug/L	-0.13
System Monitoring Compounds						
3) 2-Fluorophenol	4.92	112	356875	41.88	ug/L	-0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 41.88%			
4) Phenol-d5	7.75	99	597167	46.32	ug/L	-0.06
Spiked Amount 100.000	Range 24 - 113		Recovery = 46.32%			
20) Nitrobenzene-d5	9.94	82	316199	26.57	ug/L	-0.02
Spiked Amount 50.000	Range 23 - 120		Recovery = 53.14%			
38) 2-Fluorobiphenyl	14.70	172	592786	31.74	ug/L	-0.03
Spiked Amount 50.000	Range 30 - 115		Recovery = 63.48%			
54) 2,4,6-Tribromophenol	18.42	330	173699	79.58	ug/L	-0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 79.58%			
68) Terphenyl-d14	24.27	244	757810	46.95	ug/L	-0.13
Spiked Amount 50.000	Range 18 - 137		Recovery = 93.90%			
Target Compounds						Qvalue
5) Phenol	7.79	94	301199	22.48	ug/L #	93
7) bis(2-Chloroethyl)ether	7.81	93	296336	22.45	ug/L	90
8) 2-Chlorophenol	7.86	128	259639	25.72	ug/L	94
9) 1,3-Dichlorobenzene	8.18	146	288658	26.98	ug/L	96
10) 1,4-Dichlorobenzene	8.34	146	327058	27.97	ug/L	97
12) 1,2-Dichlorobenzene	8.85	146	298371	28.41	ug/L	97
13) 2-Methylphenol	9.39	108	213482	33.21	ug/L	93
14) bis(2-Chloroisopropyl)ethe	9.33	45	452869	22.63	ug/L	99
15) 4-Methylphenol	9.83	107	256642	23.07	ug/L	97
16) 3-Methylphenol	9.83	107	256642	23.07	ug/L	97
17) n-Nitroso-di-n-propylamine	9.70	70	132749	27.69	ug/L	98
18) Hexachloroethane	9.65	117	162056	30.62	ug/L	93
21) Nitrobenzene	10.00	123	141425	23.41	ug/L	84
22) Isophorone	10.66	82	473819	20.86	ug/L	95
23) 2-Nitrophenol	10.86	139	124930	20.53	ug/L	88
24) 2,4-Dimethylphenol	11.18	122	156614	26.40	ug/L	95
25) bis(2-Chloroethoxy)methane	11.36	93	292234	20.49	ug/L	97
27) 2,4-Dichlorophenol	11.57	162	168613	21.81	ug/L	81
28) 1,2,4-Trichlorobenzene	11.68	180	248319	29.78	ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112204.D Vial: 8
Acq On : 22 Nov 2002 11:38 am Operator: dp
Sample : LCS 102451 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 13:59 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 13:58:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	11.80	128	814488	28.47 ug/L	95
30) 4-Chloroaniline	11.80	127	95660	26.87 ug/L	94
31) Hexachlorobutadiene	12.34	225	146502	33.79 ug/L	97
32) 4-Chloro-3-methylphenol	13.59	107	259444	29.04 ug/L	91
33) 2-Methylnaphthalene	13.64	142	742059	29.82 ug/L	79
35) Hexachloropentadiene	14.25	237	14439	19.84 ug/L #	79
36) 2,4,6-Trichlorophenol	14.54	196	175419	33.82 ug/L	86
37) 2,4,5-Trichlorophenol	14.71	196	161298	29.85 ug/L	97
39) 2-Chloronaphthalene	14.88	162	519086	29.76 ug/L	97
40) 2-Nitroaniline	15.35	138	205314	29.35 ug/L	92
41) Dimethylphthalate	15.94	163	785107	38.96 ug/L	98
42) 2,6-Dinitrotoluene	16.09	165	168579	34.83 ug/L	92
43) Acenaphthylene	15.95	152	800046	30.95 ug/L	98
44) 3-Nitroaniline	15.35	138	205314	29.35 ug/L	92
45) Acenaphthene	16.42	154	469178	29.68 ug/L	93
46) 2,4-Dinitrophenol	16.81	184	19825	13.66 ug/L #	60
47) 4-Nitrophenol	17.17	109	64920	35.74 ug/L #	68
48) 2,4-Dinitrotoluene	17.09	165	228813	37.89 ug/L	86
49) Dibenzofuran	16.85	168	733062	32.46 ug/L	100
50) Diethylphthalate	17.75	149	834061	40.09 ug/L	98
51) 4-Chlorophenyl phenyl ethe	17.80	204	285413	34.28 ug/L	97
52) Fluorene	17.73	166	637637	35.22 ug/L	96
53) 4-Nitroaniline	15.35	138	205314	29.35 ug/L	95
56) 4,6-Dinitro-2-methylphenol	18.13	198	100627	28.57 ug/L	82
58) Azobenzene	18.19	77	865827	32.33 ug/L	94
59) 4-Bromophenyl phenyl ether	19.02	248	173407	39.18 ug/L	98
60) Hexachlorobenzene	19.34	284	217035	45.24 ug/L	95
61) Pentachlorophenol	19.87	266	75661	44.80 ug/L	90
62) Anthracene	20.27	178	830378	36.85 ug/L	97
63) Phenanthrene	20.16	178	942843	41.79 ug/L	97
64) Di-n-butylphthalate	21.92	149	1471136	41.55 ug/L	98
65) Fluoranthene	23.20	202	1121279	47.63 ug/L	99
67) Pyrene	23.75	202	1120161	44.93 ug/L	98
69) Butylbenzylphthalate	25.68	149	633385	39.03 ug/L	93
71) bis(2-Ethylhexyl)phthalate	27.25	149	737987	33.01 ug/L	99
72) Benzo(a)anthracene	26.95	228	823151	40.34 ug/L	98
73) Chrysene	26.95	228	823742	43.33 ug/L	98
75) Di-n-octylphthalate	27.25	149	737987	33.25 ug/L	99
76) Benzo(b)fluoranthrene	29.49	252	762534	42.87 ug/L	97
77) Benzo(k)fluoranthrene	29.49	252	762534	43.82 ug/L	96
78) Benzo(a)pyrene	30.15	252	732413	46.64 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112204.D Vial: 8
Acq On : 22 Nov 2002 11:38 am Operator: dp
Sample : LCS 102451 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 13:59 19102 Quant Results File: 103102.RES

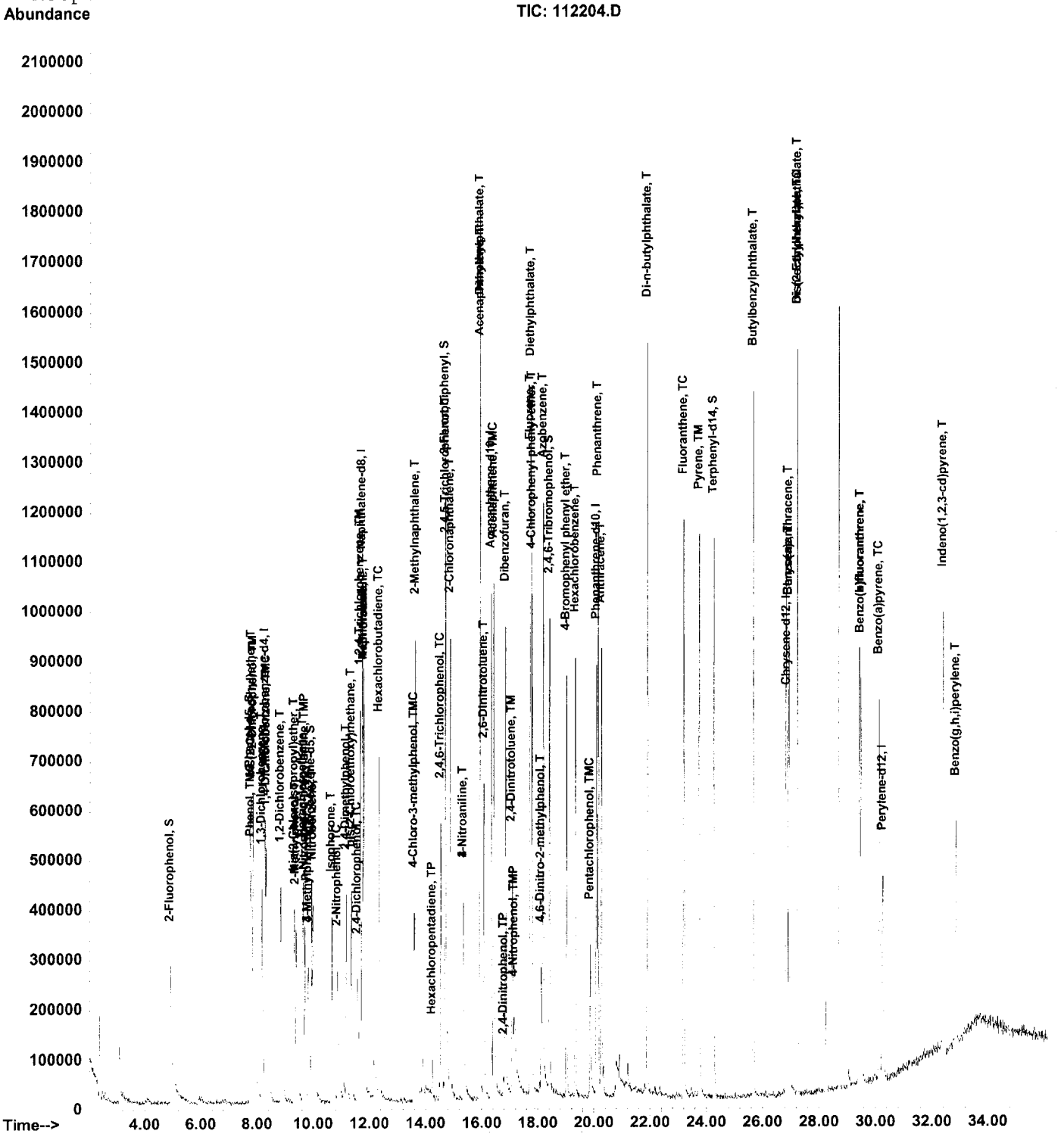
Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 13:58:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79)	Indeno(1,2,3-cd)pyrene	32.41	276	673939	37.55 ug/L	96
81)	Benzo(g,h,i)perylene	32.88	276	533162	35.69 ug/L	97

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112204.D Vial: 8
Acq On : 22 Nov 2002 11:38 am Operator: dp
Sample : LCS 102451 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 13:59 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 13:58:48 2002
Response via : Initial Calibration



000223

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112205.D Vial: 9
Acq On : 22 Nov 2002 12:22 pm Operator: dp
Sample : 102451-077 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:24 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

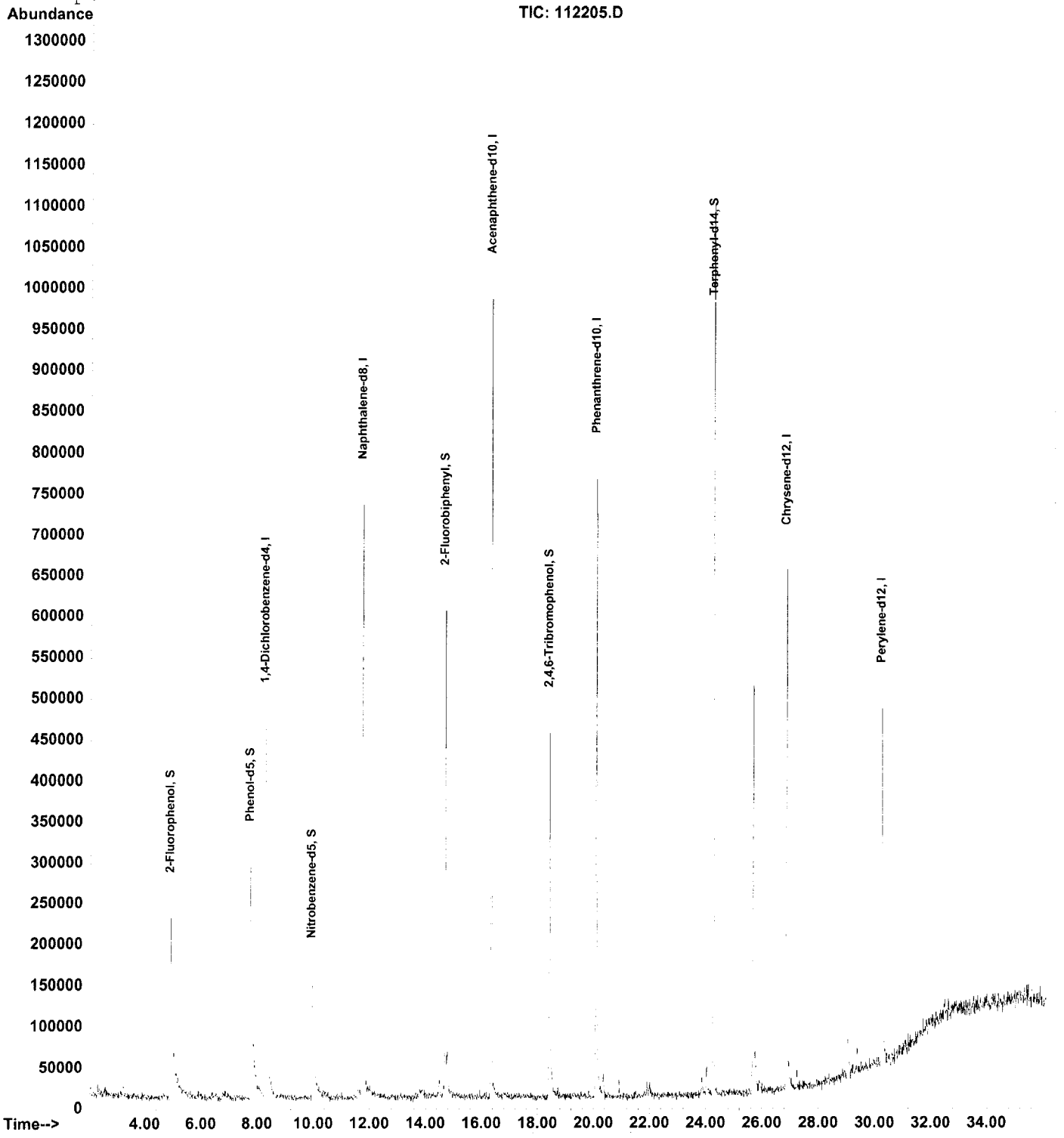
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	312733	40.00	ug/L	0.00
19) Naphthalene-d8	11.75	136	842109	40.00	ug/L	0.00
34) Acenaphthene-d10	16.35	164	471595	40.00	ug/L	0.00
55) Phenanthrene-d10	20.09	188	661096	40.00	ug/L	0.00
66) Chrysene-d12	26.88	240	520927	40.00	ug/L	0.00
74) Perylene-d12	30.26	264	356890	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.92	112	307940m	46.03	ug/L	-0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 46.03%			
4) Phenol-d5	7.77	99	384551	37.99	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 37.99%			
20) Nitrobenzene-d5	9.97	82	195291	17.42	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 34.84%			
38) 2-Fluorobiphenyl	14.70	172	404094	21.91	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 43.82%			
54) 2,4,6-Tribromophenol	18.42	330	100041	46.41	ug/L	-0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 46.41%			
68) Terphenyl-d14	24.28	244	747815	46.14	ug/L	-0.13
Spiked Amount 50.000	Range 18 - 137		Recovery = 92.28%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112205.D Vial: 9
Acq On : 22 Nov 2002 12:22 pm Operator: dp
Sample : 102451-077 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:24 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112205.D Vial: 9
Acq On : 22 Nov 2002 12:22 pm Operator: dp
Sample : 102451-077 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:12 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	312733	40.00	ug/L	0.00
19) Naphthalene-d8	11.75	136	842109	40.00	ug/L	0.00
34) Acenaphthene-d10	16.35	164	471595	40.00	ug/L	0.00
55) Phenanthrene-d10	20.09	188	661096	40.00	ug/L	0.00
66) Chrysene-d12	26.88	240	520927	40.00	ug/L	0.00
74) Perylene-d12	30.26	264	356890	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.92	112	314480m	47.01	ug/L	-0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 47.01%			
4) Phenol-d5	7.77	99	384551	37.99	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 37.99%			
20) Nitrobenzene-d5	9.97	82	195291	17.42	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 34.84%			
38) 2-Fluorobiphenyl	14.70	172	404094	21.91	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 43.82%			
54) 2,4,6-Tribromophenol	18.42	330	100041	46.41	ug/L	-0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 46.41%			
68) Terphenyl-d14	24.28	244	747815	46.14	ug/L	-0.13
Spiked Amount 50.000	Range 18 - 137		Recovery = 92.28%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

000226

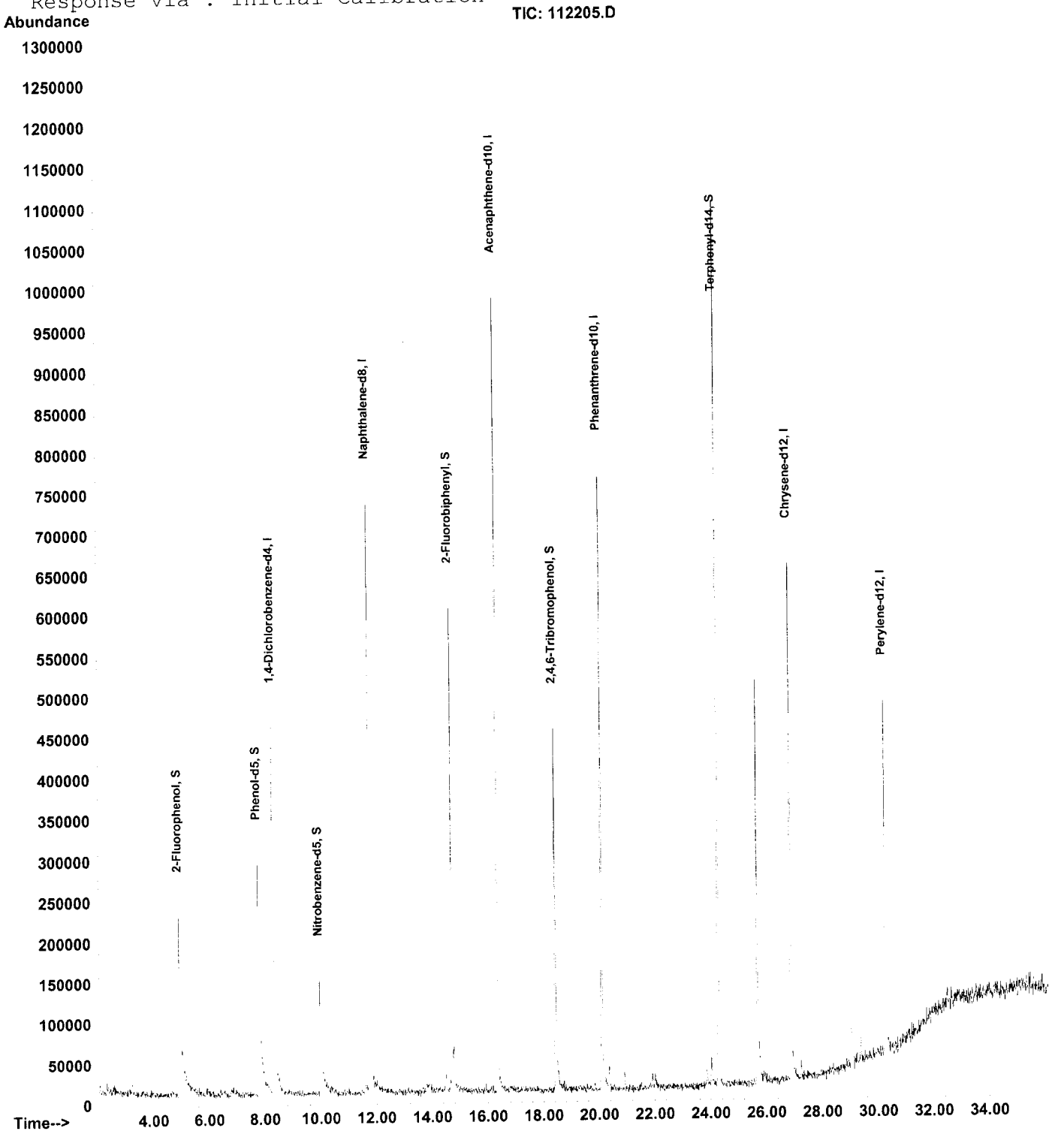
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112205.D
Acq On : 22 Nov 2002 12:22 pm
Sample : 102451-077
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Nov 25 9:12 19102

Vial: 9
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112206.D Vial: 10
Acq On : 22 Nov 2002 1:06 pm Operator: dp
Sample : 102451-077, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:25 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	150	318152	40.00	ug/L	0.00
19) Naphthalene-d8	11.75	136	828229	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	461140	40.00	ug/L	0.00
55) Phenanthrene-d10	20.10	188	679182	40.00	ug/L	0.00
66) Chrysene-d12	26.89	240	537886	40.00	ug/L	0.02
74) Perylene-d12	30.27	264	334615	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.92	112	225864	33.19	ug/L	-0.06
Spiked Amount 100.000	Range 25 - 121		Recovery = 33.19%			
4) Phenol-d5	7.75	99	430243m	41.78	ug/L	-0.06
Spiked Amount 100.000	Range 24 - 113		Recovery = 41.78%			
20) Nitrobenzene-d5	9.95	82	230885	20.94	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 41.88%			
38) 2-Fluorobiphenyl	14.71	172	446768	24.78	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 49.56%			
54) 2,4,6-Tribromophenol	18.43	330	172374	81.78	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 81.78%			
68) Terphenyl-d14	24.27	244	723921	43.26	ug/L	-0.13
Spiked Amount 50.000	Range 18 - 137		Recovery = 86.52%			
Target Compounds						Qvalue
5) Phenol	7.80	94	228250	21.33	ug/L #	74
7) bis(2-Chloroethyl)ether	7.81	93	172403	16.35	ug/L	96
8) 2-Chlorophenol	7.86	128	179733	22.30	ug/L	99
9) 1,3-Dichlorobenzene	8.18	146	194901	22.81	ug/L	99
10) 1,4-Dichlorobenzene	8.34	146	206937	22.16	ug/L	88
12) 1,2-Dichlorobenzene	8.84	146	207829	24.78	ug/L	93
14) bis(2-Chloroisopropyl)ethe	9.33	45	325720	20.38	ug/L	96
15) 4-Methylphenol	9.84	107	168925	19.02	ug/L	95
16) 3-Methylphenol	9.84	107	168925	19.02	ug/L	95
17) n-Nitroso-di-n-propylamine	9.71	70	93522	24.43	ug/L	95
18) Hexachloroethane	9.66	117	112372	26.59	ug/L	98
21) Nitrobenzene	9.99	123	84635	15.12	ug/L #	44
22) Isophorone	10.67	82	322201	15.31	ug/L	94
23) 2-Nitrophenol	10.87	139	99137	17.59	ug/L #	86
24) 2,4-Dimethylphenol	11.19	122	101116	18.40	ug/L	95
25) bis(2-Chloroethoxy)methane	11.36	93	235310	17.81	ug/L	90
27) 2,4-Dichlorophenol	11.61	162	150857	21.07	ug/L	94
28) 1,2,4-Trichlorobenzene	11.67	180	182933	23.68	ug/L	96
29) Naphthalene	11.80	128	589432	22.24	ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112206.D Vial: 10
Acq On : 22 Nov 2002 1:06 pm Operator: dp
Sample : 102451-077, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:25 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 4-Chloroaniline	11.80	127	78748	23.88 ug/L	91
31) Hexachlorobutadiene	12.35	225	100584	25.04 ug/L	97
32) 4-Chloro-3-methylphenol	13.61	107	190982	23.07 ug/L	94
33) 2-Methylnaphthalene	13.65	142	545854	23.67 ug/L	81
35) Hexachloropentadiene	14.26	237	8935	12.71 ug/L #	87
36) 2,4,6-Trichlorophenol	14.55	196	136904	27.34 ug/L	87
37) 2,4,5-Trichlorophenol	14.72	196	135221	25.92 ug/L	89
39) 2-Chloronaphthalene	14.89	162	405148	24.05 ug/L	94
40) 2-Nitroaniline	15.35	138	164723	24.38 ug/L	90
41) Dimethylphthalate	15.94	163	678797	34.88 ug/L	97
42) 2,6-Dinitrotoluene	16.08	165	139330	29.81 ug/L #	88
43) Acenaphthylene	15.95	152	628371	25.17 ug/L	96
44) 3-Nitroaniline	15.35	138	164723	24.38 ug/L	90
45) Acenaphthene	16.43	154	379416	24.85 ug/L	97
46) 2,4-Dinitrophenol	16.78	184	31920	22.77 ug/L #	74
47) 4-Nitrophenol	17.16	109	79101	45.10 ug/L	85
48) 2,4-Dinitrotoluene	17.10	165	234918	40.29 ug/L	88
49) Dibenzofuran	16.86	168	540946	24.81 ug/L	97
50) Diethylphthalate	17.76	149	841129	41.87 ug/L	98
51) 4-Chlorophenyl phenyl ethe	17.81	204	237004	29.48 ug/L	93
52) Fluorene	17.73	166	507347	29.02 ug/L	95
53) 4-Nitroaniline	15.35	138	164723	24.38 ug/L	96
56) 4,6-Dinitro-2-methylphenol	18.13	198	124226	34.65 ug/L	83
58) Azobenzene	18.19	77	788853	28.94 ug/L	96
59) 4-Bromophenyl phenyl ether	19.03	248	157460	34.95 ug/L	94
60) Hexachlorobenzene	19.34	284	212402	43.50 ug/L	94
61) Pentachlorophenol	19.87	266	73687	42.87 ug/L	92
62) Anthracene	20.27	178	784658	34.21 ug/L	99
63) Phenanthrene	20.16	178	942216	41.03 ug/L	95
64) Di-n-butylphthalate	21.91	149	1451453	40.28 ug/L	100
65) Fluoranthene	23.20	202	1146368	47.84 ug/L	98
67) Pyrene	23.75	202	1133427	43.85 ug/L	98
69) Butylbenzylphthalate	25.68	149	638524	37.95 ug/L	90
71) bis(2-Ethylhexyl)phthalate	27.25	149	720866	31.09 ug/L	99
72) Benzo(a)anthracene	26.94	228	814530	38.50 ug/L	97
73) Chrysene	26.94	228	814270	41.30 ug/L	94
75) Di-n-octylphthalate	27.25	149	720866	30.94 ug/L	99
76) Benzo(b)fluoranthrene	29.50	252	784467	42.00 ug/L	96
77) Benzo(k)fluoranthrene	29.45	252	832153	45.54 ug/L	99
78) Benzo(a)pyrene	30.15	252	725800	44.02 ug/L	99
79) Indeno(1,2,3-cd)pyrene	32.41	276	663602	35.21 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112206.D Vial: 10
Acq On : 22 Nov 2002 1:06 pm Operator: dp
Sample : 102451-077, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:25 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

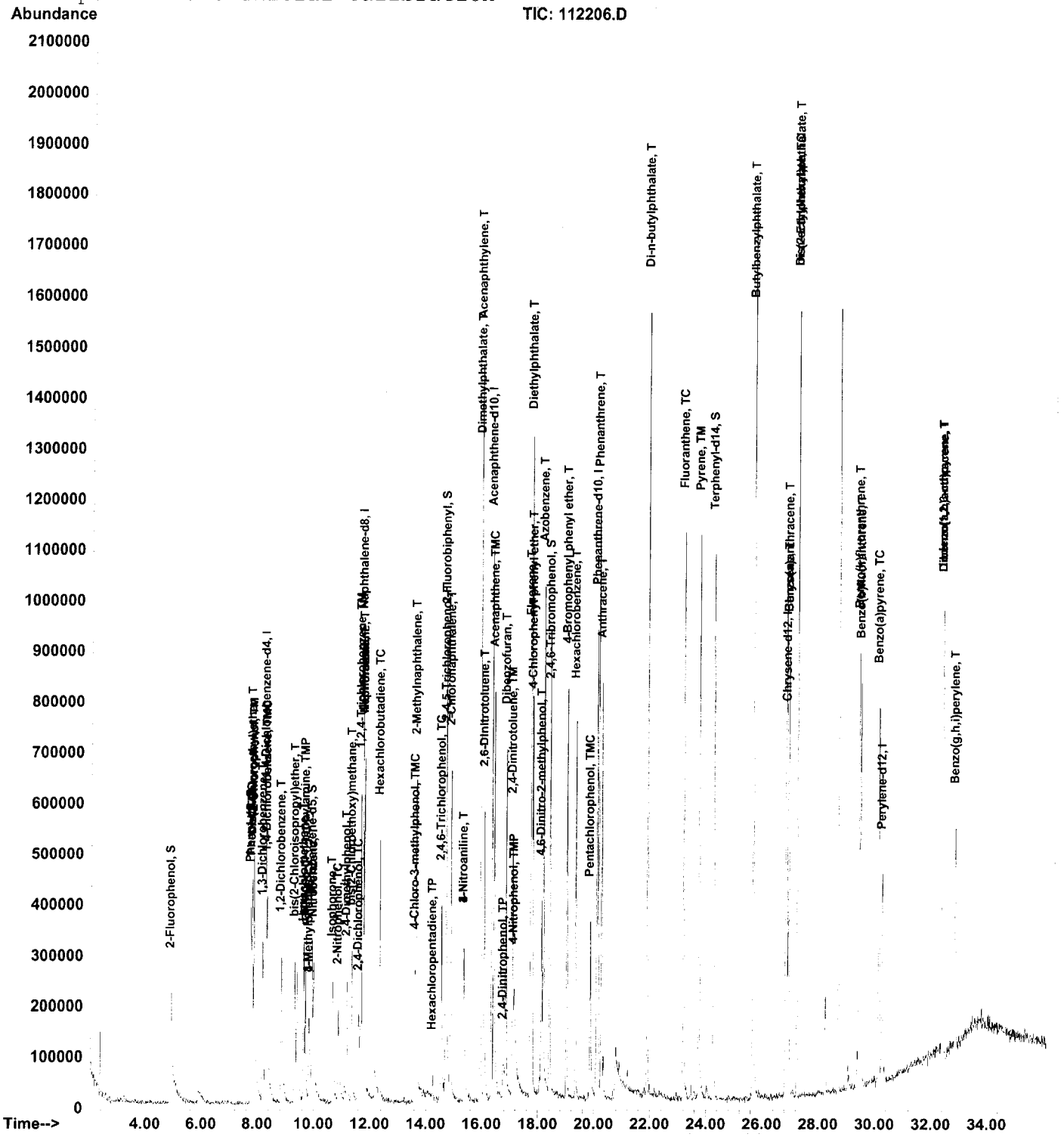
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
80) Dibenzo(a,h)anthracene	32.42	278	471331	31.18	ug/L	99
81) Benzo(g,h,i)perylene	32.88	276	508958	32.45	ug/L	99

(#) = qualifier out of range (m) = manual integration

000230

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112206.D Vial: 10
Acq On : 22 Nov 2002 1:06 pm Operator: dp
Sample : 102451-077, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:25 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



000231

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112207.D Vial: 11
Acq On : 22 Nov 2002 1:50 pm Operator: dp
Sample : 102451-077, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:25 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	344750	40.00	ug/L	0.00
19) Naphthalene-d8	11.75	136	848760	40.00	ug/L	0.00
34) Acenaphthene-d10	16.35	164	496756	40.00	ug/L	0.00
55) Phenanthrene-d10	20.10	188	725061	40.00	ug/L	0.00
66) Chrysene-d12	26.88	240	532205	40.00	ug/L	0.00
74) Perylene-d12	30.27	264	330041	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.92	112	276698m	37.52	ug/L	-0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 37.52%			
4) Phenol-d5	7.75	99	340869	30.55	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 30.55%			
20) Nitrobenzene-d5	9.95	82	220770	19.54	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 39.08%			
38) 2-Fluorobiphenyl	14.70	172	458727	23.62	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 47.24%			
54) 2,4,6-Tribromophenol	18.42	330	157642	69.43	ug/L	-0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 69.43%			
68) Terphenyl-d14	24.28	244	721572m	43.58	ug/L	-0.13
Spiked Amount 50.000	Range 18 - 137		Recovery = 87.16%			
Target Compounds						Qvalue
5) Phenol	7.79	94	232729	20.07	ug/L #	86
7) bis(2-Chloroethyl)ether	7.81	93	190023	16.63	ug/L	90
8) 2-Chlorophenol	7.87	128	168561	19.30	ug/L	95
9) 1,3-Dichlorobenzene	8.18	146	199443	21.54	ug/L	93
10) 1,4-Dichlorobenzene	8.34	146	228437	22.58	ug/L	98
12) 1,2-Dichlorobenzene	8.85	146	209244	23.02	ug/L	94
13) 2-Methylphenol	9.41	108	154352	27.75	ug/L	93
14) bis(2-Chloroisopropyl)ethe	9.32	45	316646	18.29	ug/L	94
15) 4-Methylphenol	9.83	107	178851	18.58	ug/L #	88
16) 3-Methylphenol	9.83	107	178851	18.58	ug/L #	88
17) n-Nitroso-di-n-propylamine	9.72	70	108002	26.03	ug/L	98
18) Hexachloroethane	9.65	117	101819	22.23	ug/L	97
21) Nitrobenzene	10.00	123	98451	17.16	ug/L	76
22) Isophorone	10.66	82	324788	15.06	ug/L	95
23) 2-Nitrophenol	10.88	139	97433	16.87	ug/L	100
24) 2,4-Dimethylphenol	11.19	122	87544	15.54	ug/L	96
25) bis(2-Chloroethoxy)methane	11.36	93	230472	17.02	ug/L	95
27) 2,4-Dichlorophenol	11.59	162	144978	19.76	ug/L #	70
28) 1,2,4-Trichlorobenzene	11.68	180	182716	23.08	ug/L	96

(#) = qualifier out of range (m) = manual integration

000232

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112207.D Vial: 11
Acq On : 22 Nov 2002 1:50 pm Operator: dp
Sample : 102451-077, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:25 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	11.80	128	561930	20.69 ug/L	96
30) 4-Chloroaniline	11.80	127	68162	20.17 ug/L	99
31) Hexachlorobutadiene	12.36	225	102818	24.98 ug/L	92
32) 4-Chloro-3-methylphenol	13.61	107	198230	23.37 ug/L	97
33) 2-Methylnaphthalene	13.64	142	523525	22.16 ug/L	80
35) Hexachloropentadiene	14.26	237	8547	11.29 ug/L	89
36) 2,4,6-Trichlorophenol	14.55	196	118499	21.97 ug/L	93
37) 2,4,5-Trichlorophenol	14.72	196	122529	21.80 ug/L	98
39) 2-Chloronaphthalene	14.88	162	386379	21.29 ug/L	95
40) 2-Nitroaniline	15.35	138	151770	20.85 ug/L	89
41) Dimethylphthalate	15.94	163	644850	30.76 ug/L	99
42) 2,6-Dinitrotoluene	16.09	165	142408	28.28 ug/L	99
43) Acenaphthylene	15.95	152	623494	23.19 ug/L	97
44) 3-Nitroaniline	15.35	138	151770	20.85 ug/L	89
45) Acenaphthene	16.43	154	367540	22.35 ug/L	96
46) 2,4-Dinitrophenol	16.76	184	35739	23.67 ug/L	89
47) 4-Nitrophenol	17.15	109	52484	27.78 ug/L #	66
48) 2,4-Dinitrotoluene	17.10	165	210202	33.47 ug/L #	74
49) Dibenzofuran	16.85	168	545811	23.24 ug/L	100
50) Diethylphthalate	17.76	149	809463	37.40 ug/L	97
51) 4-Chlorophenyl phenyl ethe	17.80	204	233711	26.98 ug/L	95
52) Fluorene	17.73	166	501645	26.64 ug/L	98
53) 4-Nitroaniline	15.35	138	151770	20.85 ug/L	98
56) 4,6-Dinitro-2-methylphenol	18.13	198	137581	35.95 ug/L	85
58) Azobenzene	18.20	77	748426	25.72 ug/L	94
59) 4-Bromophenyl phenyl ether	19.02	248	151315	31.46 ug/L	96
60) Hexachlorobenzene	19.35	284	193563	37.13 ug/L	96
61) Pentachlorophenol	19.89	266	72448	39.48 ug/L	90
62) Anthracene	20.27	178	779915	31.85 ug/L	99
63) Phenanthrene	20.16	178	926508	37.79 ug/L	98
64) Di-n-butylphthalate	21.92	149	1493784	38.83 ug/L	99
65) Fluoranthene	23.20	202	1092717	42.72 ug/L	99
67) Pyrene	23.76	202	1134594m	44.36 ug/L	
71) bis(2-Ethylhexyl)phthalate	27.25	149	693991	30.25 ug/L	99
72) Benzo(a)anthracene	26.95	228	781945	37.35 ug/L	97
73) Chrysene	26.95	228	783137	40.15 ug/L	96
76) Benzo(b)fluoranthrene	29.51	252	772200	41.92 ug/L	98
77) Benzo(k)fluoranthrene	29.51	252	776448	43.08 ug/L	97
78) Benzo(a)pyrene	30.15	252	720035	44.27 ug/L	99

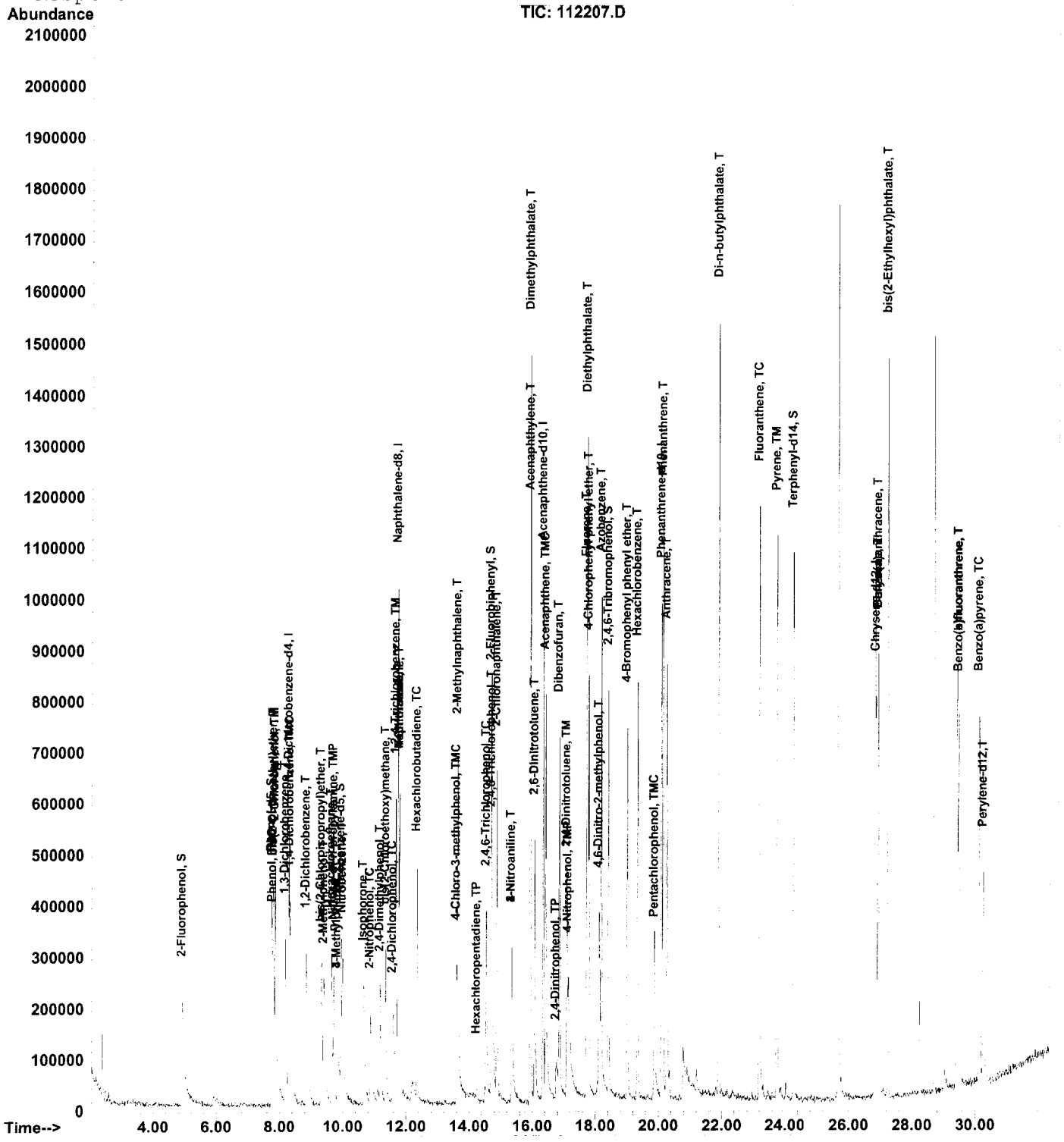
(#) = qualifier out of range (m) = manual integration

000233

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112207.D Vial: 11
Acq On : 22 Nov 2002 1:50 pm Operator: dp
Sample : 102451-077, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 14:25 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



000234

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112208.D Vial: 12
Acq On : 22 Nov 2002 2:29 pm Operator: dp
Sample : 102451-074 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	150	365118	40.00	ug/L	0.00
19) Naphthalene-d8	11.75	136	876893	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	507213	40.00	ug/L	0.00
55) Phenanthrene-d10	20.10	188	649503	40.00	ug/L	0.00
66) Chrysene-d12	26.88	240	503212	40.00	ug/L	0.00
74) Perylene-d12	30.27	264	303433	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.92	112	292921	37.50	ug/L	-0.06
Spiked Amount 100.000	Range 25 - 121		Recovery = 37.50%			
4) Phenol-d5	7.76	99	486807	41.20	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 41.20%			
20) Nitrobenzene-d5	9.96	82	245582	21.04	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 42.08%			
38) 2-Fluorobiphenyl	14.71	172	476606	24.03	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 48.06%			
54) 2,4,6-Tribromophenol	18.43	330	113358	48.90	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 48.90%			
68) Terphenyl-d14	24.28	244	758728	48.46	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 96.92%			

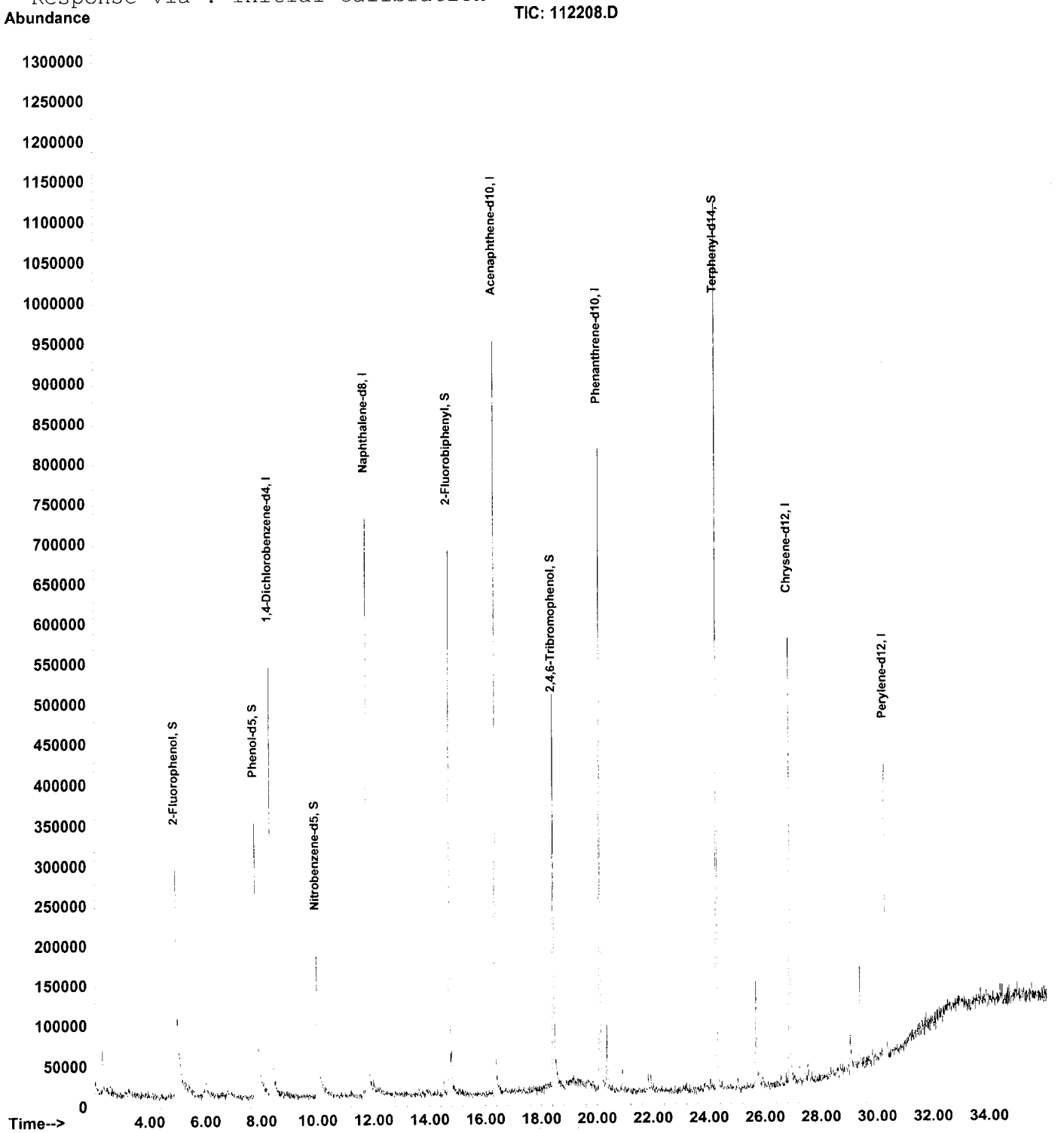
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112208.D Vial: 12
Acq On : 22 Nov 2002 2:29 pm Operator: dp
Sample : 102451-074 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112209.D Vial: 13
Acq On : 22 Nov 2002 3:13 pm Operator: dp
Sample : 102451-075 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:14 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

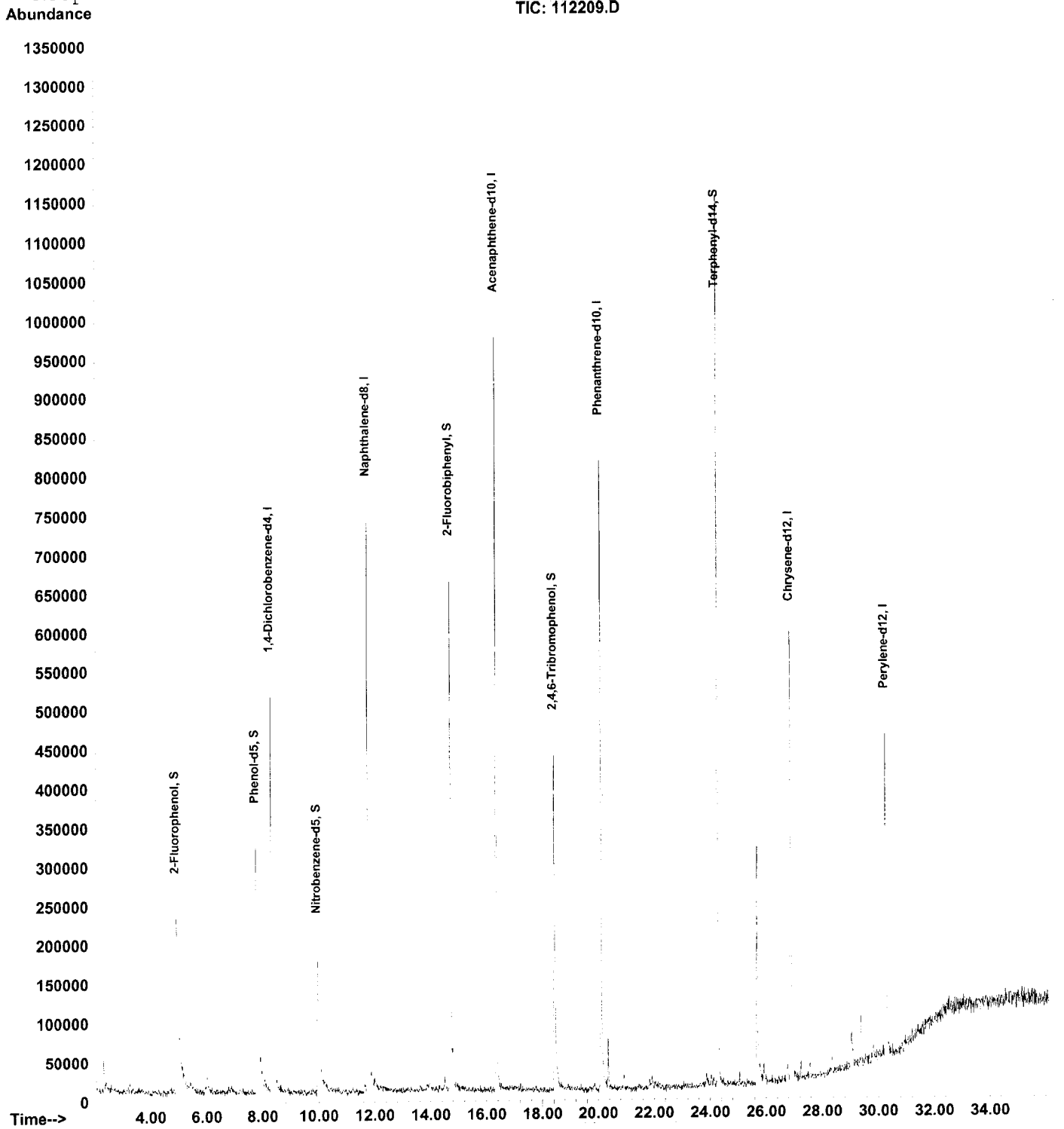
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	339883	40.00	ug/L	0.00
19) Naphthalene-d8	11.76	136	819436	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	465076	40.00	ug/L	0.00
55) Phenanthrene-d10	20.10	188	699485m	40.00	ug/L	0.00
66) Chrysene-d12	26.89	240	495358	40.00	ug/L	0.02
74) Perylene-d12	30.28	264	334047	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.91	112	259102	35.64	ug/L	-0.06
Spiked Amount 100.000	Range 25 - 121		Recovery = 35.64%			
4) Phenol-d5	7.77	99	458713	41.70	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 41.70%			
20) Nitrobenzene-d5	9.97	82	235880	21.62	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 43.24%			
38) 2-Fluorobiphenyl	14.71	172	455967	25.07	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 50.14%			
54) 2,4,6-Tribromophenol	18.43	330	110421	51.94	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 51.94%			
68) Terphenyl-d14	24.29	244	766575	49.74	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 99.48%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration

000237

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112209.D Vial: 13
Acq On : 22 Nov 2002 3:13 pm Operator: dp
Sample : 102451-075 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:14 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112210.D Vial: 14
Acq On : 22 Nov 2002 3:56 pm Operator: dp
Sample : 102451-076 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	266364	40.00	ug/L	0.02
19) Naphthalene-d8	11.75	136	666383	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	388698	40.00	ug/L	0.00
55) Phenanthrene-d10	20.11	188	549103	40.00	ug/L	0.02
66) Chrysene-d12	26.89	240	459945	40.00	ug/L	0.02
74) Perylene-d12	30.28	264	290752	40.00	ug/L	0.02
System Monitoring Compounds						
3) 2-Fluorophenol	4.93	112	173404	30.43	ug/L	-0.04
Spiked Amount 100.000	Range 25 - 121		Recovery = 30.43%			
4) Phenol-d5	7.77	99	328955	38.16	ug/L	-0.03
Spiked Amount 100.000	Range 24 - 113		Recovery = 38.16%			
20) Nitrobenzene-d5	9.97	82	169425	19.10	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 38.20%			
38) 2-Fluorobiphenyl	14.72	172	353901	23.28	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.56%			
54) 2,4,6-Tribromophenol	18.44	330	94693	53.30	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 53.30%			
68) Terphenyl-d14	24.28	244	607426	42.45	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 84.90%			

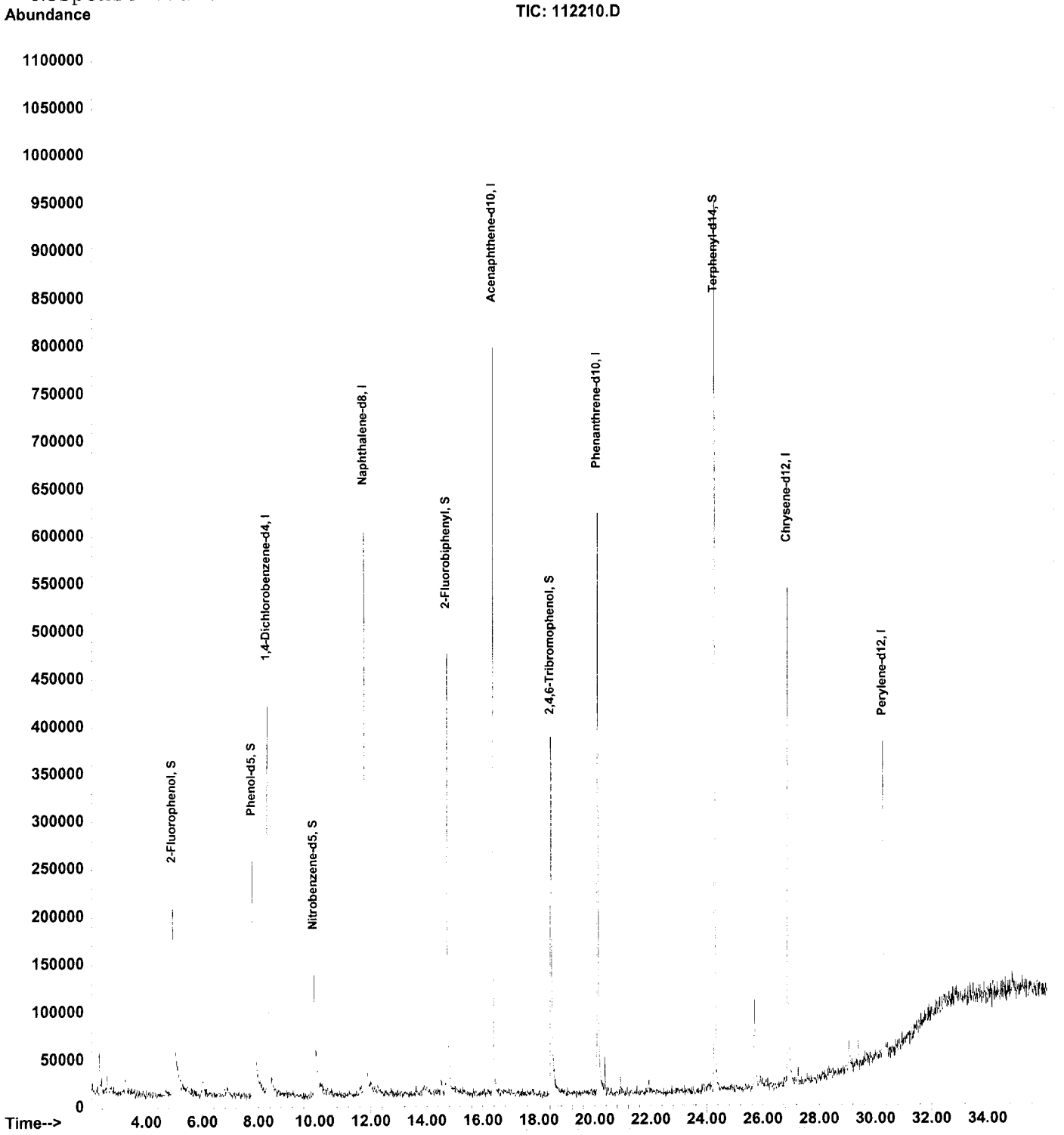
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112210.D Vial: 14
Acq On : 22 Nov 2002 3:56 pm Operator: dp
Sample : 102451-076 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



000240

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112211.D Vial: 15
Acq On : 22 Nov 2002 4:40 pm Operator: dp
Sample : 102451-078 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	301974	40.00	ug/L	0.02
19) Naphthalene-d8	11.75	136	708308	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	394020	40.00	ug/L	0.00
55) Phenanthrene-d10	20.11	188	620780	40.00	ug/L	0.02
66) Chrysene-d12	26.89	240	487007	40.00	ug/L	0.02
74) Perylene-d12	30.27	264	313954	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.93	112	253918	39.31	ug/L	-0.04
Spiked Amount 100.000	Range 25 - 121		Recovery = 39.31%			
4) Phenol-d5	7.76	99	483725	49.50	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 49.50%			
20) Nitrobenzene-d5	9.97	82	168391	17.86	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 35.72%			
38) 2-Fluorobiphenyl	14.71	172	459936	29.85	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 59.70%			
54) 2,4,6-Tribromophenol	18.43	330	117885	65.46	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 65.46%			
68) Terphenyl-d14	24.28	244	736719	48.62	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 97.24%			

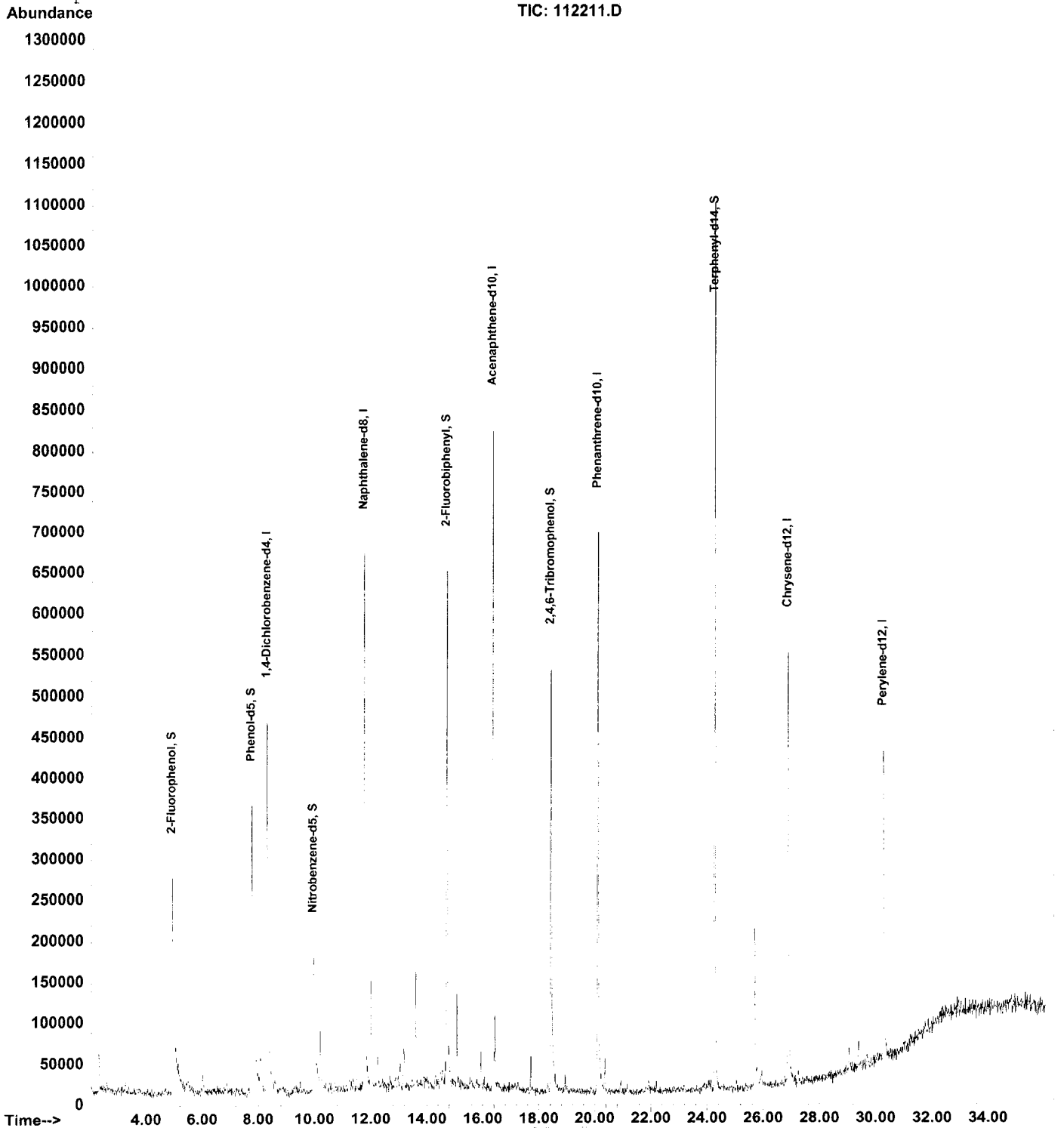
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112211.D Vial: 15
Acq On : 22 Nov 2002 4:40 pm Operator: dp
Sample : 102451-078 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112212.D Vial: 16
Acq On : 22 Nov 2002 5:23 pm Operator: dp
Sample : 102451-079 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

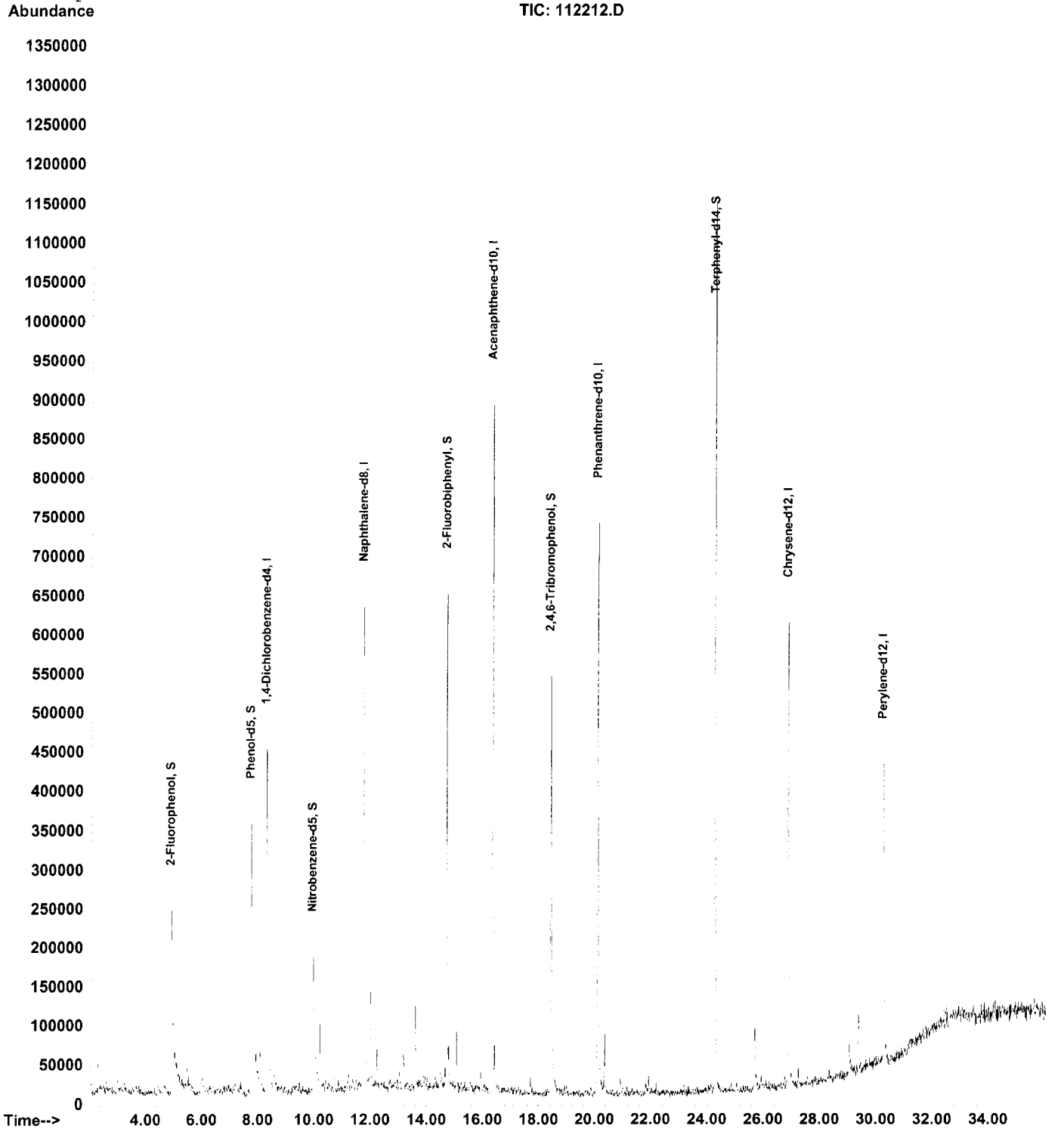
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	291521	40.00	ug/L	0.02
19) Naphthalene-d8	11.76	136	719263	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	437072	40.00	ug/L	0.00
55) Phenanthrene-d10	20.11	188	677837	40.00	ug/L	0.02
66) Chrysene-d12	26.89	240	513841	40.00	ug/L	0.02
74) Perylene-d12	30.27	264	326964	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.92	112	249478	40.00	ug/L	-0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 40.00%			
4) Phenol-d5	7.76	99	436202	46.23	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 46.23%			
20) Nitrobenzene-d5	9.97	82	218308	22.80	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 45.60%			
38) 2-Fluorobiphenyl	14.72	172	443320	25.94	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 51.88%			
54) 2,4,6-Tribromophenol	18.43	330	127848	64.00	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 64.00%			
68) Terphenyl-d14	24.28	244	764989	47.85	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 95.70%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration

000243

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112212.D Vial: 16
Acq On : 22 Nov 2002 5:23 pm Operator: dp
Sample : 102451-079 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112213.D Vial: 17
Acq On : 22 Nov 2002 6:07 pm Operator: dp
Sample : 102451-080 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

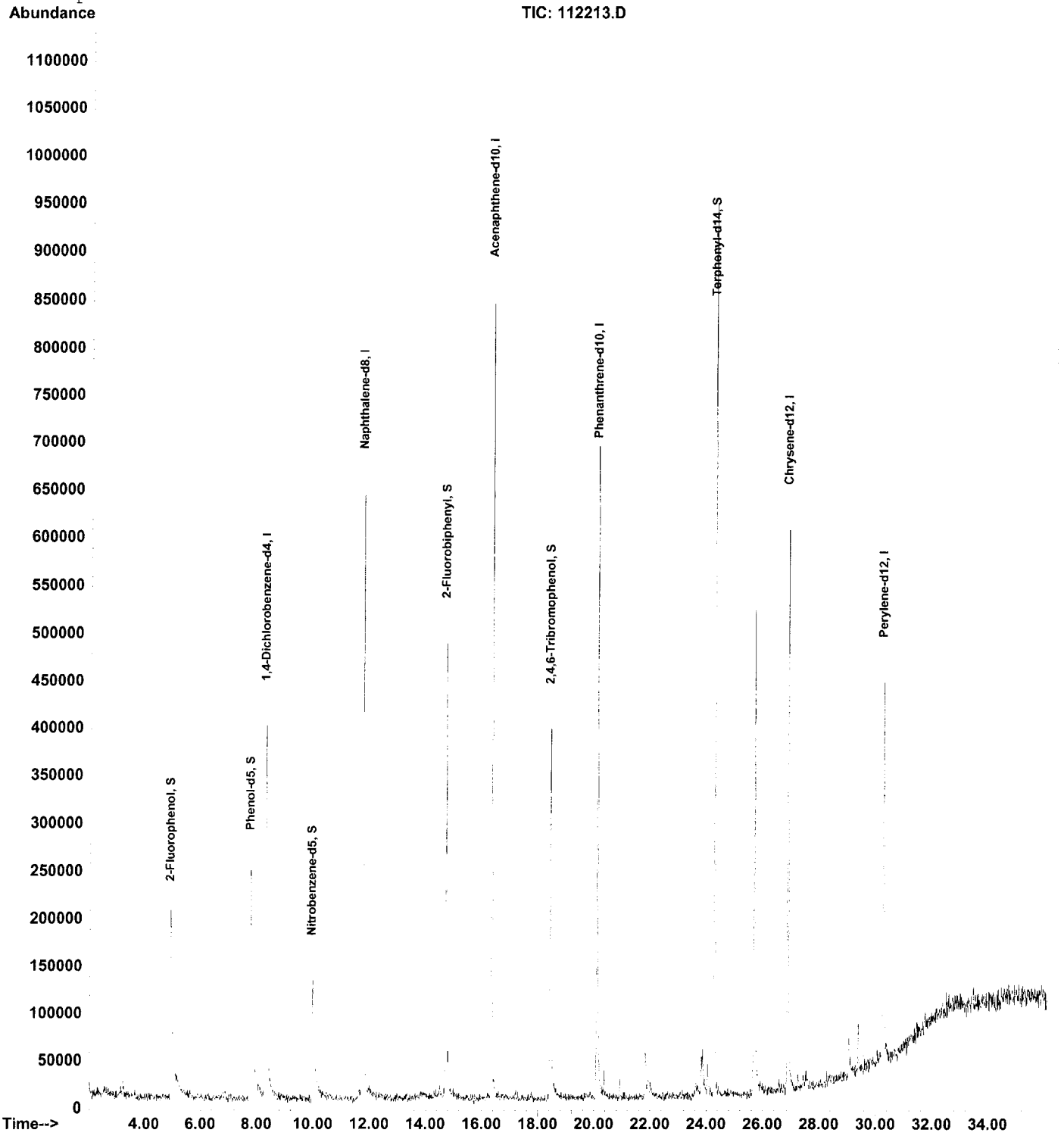
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	255762	40.00	ug/L	0.02
19) Naphthalene-d8	11.76	136	711794	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	410733	40.00	ug/L	0.00
55) Phenanthrene-d10	20.11	188	623571	40.00	ug/L	0.02
66) Chrysene-d12	26.89	240	529670	40.00	ug/L	0.02
74) Perylene-d12	30.27	264	325125	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.93	112	145232	26.54	ug/L	-0.04
Spiked Amount 100.000	Range 25 - 121		Recovery = 26.54%			
4) Phenol-d5	7.77	99	310840	37.55	ug/L	-0.03
Spiked Amount 100.000	Range 24 - 113		Recovery = 37.55%			
20) Nitrobenzene-d5	9.97	82	167847	17.71	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 35.42%			
38) 2-Fluorobiphenyl	14.71	172	370372	23.06	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.12%			
54) 2,4,6-Tribromophenol	18.43	330	94446	50.31	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 50.31%			
68) Terphenyl-d14	24.28	244	628502	38.14	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 76.28%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112213.D Vial: 17
Acq On : 22 Nov 2002 6:07 pm Operator: dp
Sample : 102451-080 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



000246

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112214.D Vial: 18
Acq On : 22 Nov 2002 6:50 pm Operator: dp
Sample : 102451-081 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

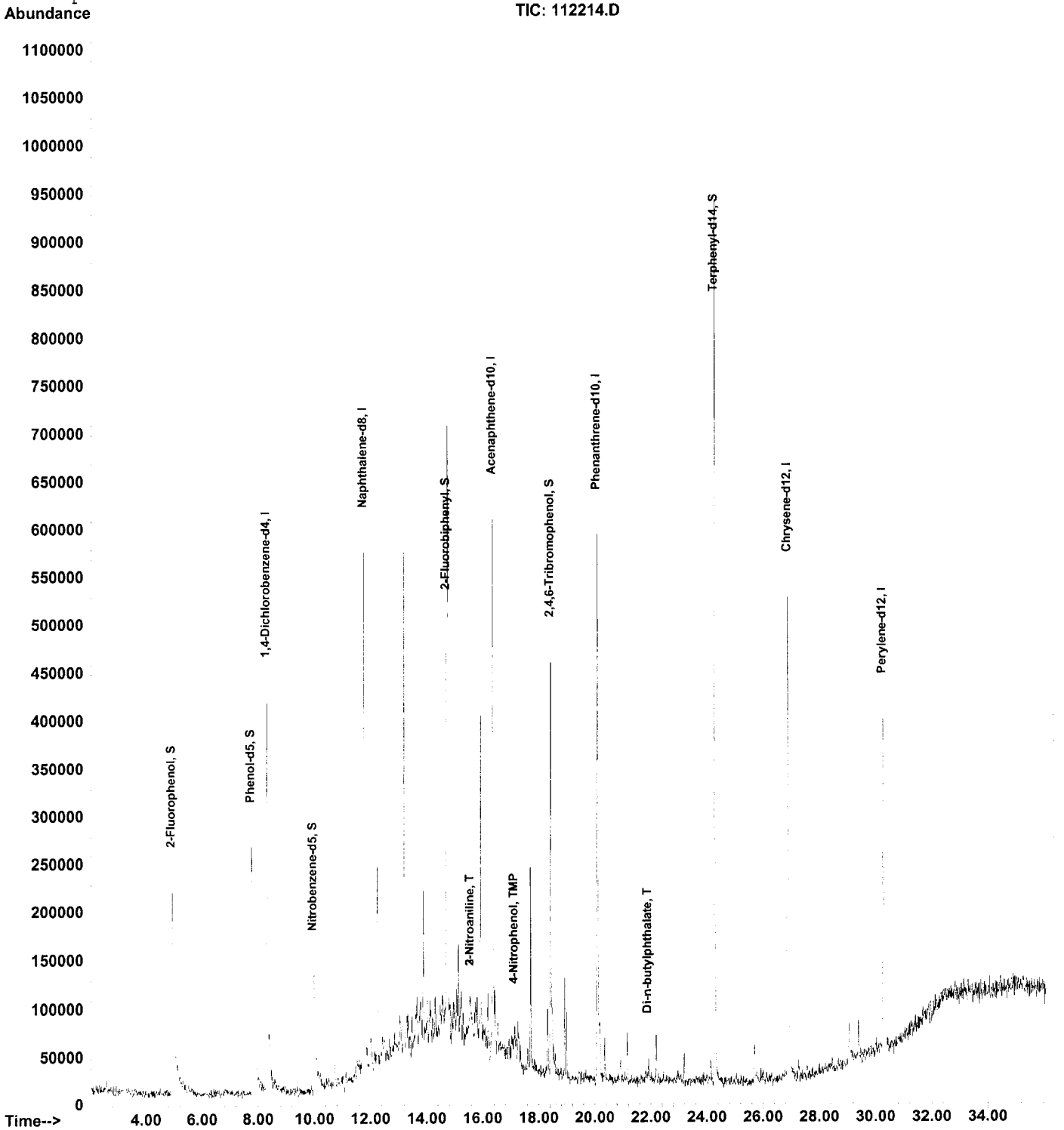
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	271885	40.00	ug/L	0.02
19) Naphthalene-d8	11.75	136	593777	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	250379	40.00	ug/L	0.00
55) Phenanthrene-d10	20.10	188	499104	40.00	ug/L	0.00
66) Chrysene-d12	26.89	240	446582	40.00	ug/L	0.02
74) Perylene-d12	30.27	264	297858	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.93	112	193575	33.28	ug/L	-0.04
Spiked Amount 100.000	Range 25 - 121		Recovery = 33.28%			
4) Phenol-d5	7.76	99	353273	40.15	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 40.15%			
20) Nitrobenzene-d5	9.97	82	170971	21.63	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 43.26%			
38) 2-Fluorobiphenyl	14.72	172	250068	25.54	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 51.08%			
54) 2,4,6-Tribromophenol	18.43	330	96250	84.10	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 84.10%			
68) Terphenyl-d14	24.28	244	620781	44.68	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 89.36%			
Target Compounds						Qvalue
40) 2-Nitroaniline	15.59	138	2112	0.58	ug/L	86
44) 3-Nitroaniline	15.59	138	2112	0.58	ug/L	86
47) 4-Nitrophenol	17.16	109	1583	1.66	ug/L #	10
64) Di-n-butylphthalate	21.93	149	15538	0.59	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112214.D Vial: 18
Acq On : 22 Nov 2002 6:50 pm Operator: dp
Sample : 102451-081 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



000248

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112217.D Vial: 19
Acq On : 22 Nov 2002 8:38 pm Operator: dp
Sample : 102451-082 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:20 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

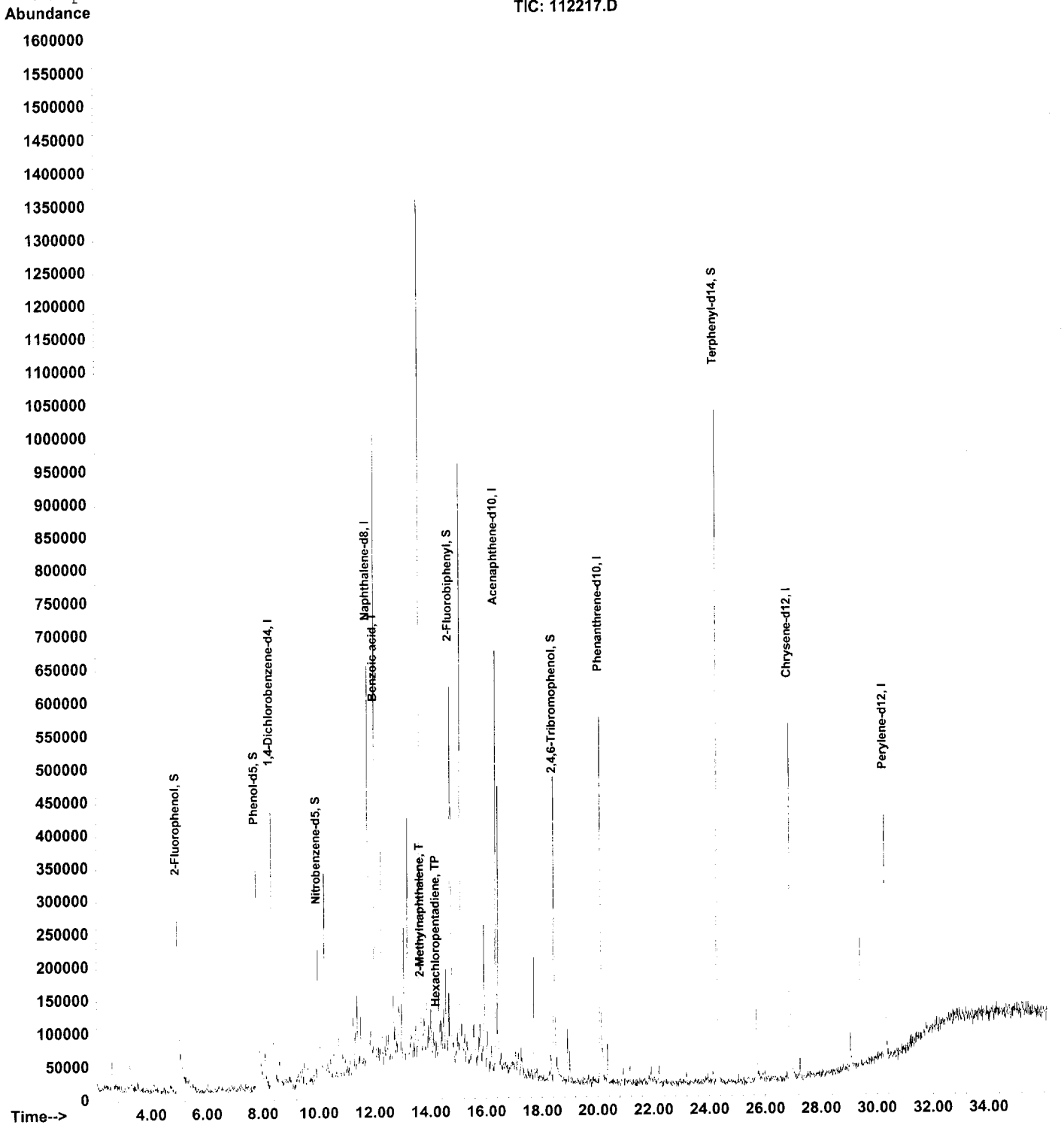
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	289473	40.00	ug/L	0.01
19) Naphthalene-d8	11.76	136	595620	40.00	ug/L	0.01
34) Acenaphthene-d10	16.36	164	288379	40.00	ug/L	0.01
55) Phenanthrene-d10	20.11	188	490532	40.00	ug/L	0.01
66) Chrysene-d12	26.88	240	483332	40.00	ug/L	0.01
74) Perylene-d12	30.28	264	301374	40.00	ug/L	0.01
System Monitoring Compounds						
3) 2-Fluorophenol	4.93	112	313626	50.65	ug/L	-0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 50.65%			
4) Phenol-d5	7.76	99	430741	45.98	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 45.98%			
20) Nitrobenzene-d5	9.97	82	203539	25.67	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 51.34%			
38) 2-Fluorobiphenyl	14.72	172	309313	27.43	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 54.86%			
54) 2,4,6-Tribromophenol	18.44	330	108776	82.52	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 82.52%			
68) Terphenyl-d14	24.28	244	677023m	45.02	ug/L	-0.13
Spiked Amount 50.000	Range 18 - 137		Recovery = 90.04%			
Target Compounds						Qvalue
26) Benzoic acid	12.02	105	5209	1.48	ug/L #	37
33) 2-Methylnaphthalene	13.68	142	21303	1.28	ug/L	91
35) Hexachloropentadiene	14.24	237	322	0.73	ug/L #	16

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112217.D Vial: 19
Acq On : 22 Nov 2002 8:38 pm Operator: dp
Sample : 102451-082 Inst : GC/MS Ins
Misc : 10.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:20 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



000250

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112218.D Vial: 20
Acq On : 22 Nov 2002 9:21 pm Operator: dp
Sample : 102451-083 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	242420	40.00	ug/L	0.02
19) Naphthalene-d8	11.76	136	625295	40.00	ug/L	0.00
34) Acenaphthene-d10	16.36	164	360155	40.00	ug/L	0.00
55) Phenanthrene-d10	20.10	188	550107	40.00	ug/L	0.00
66) Chrysene-d12	26.89	240	412930	40.00	ug/L	0.02
74) Perylene-d12	30.27	264	289151	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	4.93	112	194186	37.44	ug/L	-0.04
Spiked Amount 100.000	Range 25 - 121		Recovery = 37.44%			
4) Phenol-d5	7.76	99	347068	44.24	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 44.24%			
20) Nitrobenzene-d5	9.99	82	179728	21.59	ug/L	0.02
Spiked Amount 50.000	Range 23 - 120		Recovery = 43.18%			
38) 2-Fluorobiphenyl	14.71	172	357119	25.36	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 50.72%			
54) 2,4,6-Tribromophenol	18.43	330	92448	56.16	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 56.16%			
68) Terphenyl-d14	24.28	244	639985	49.81	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 99.62%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

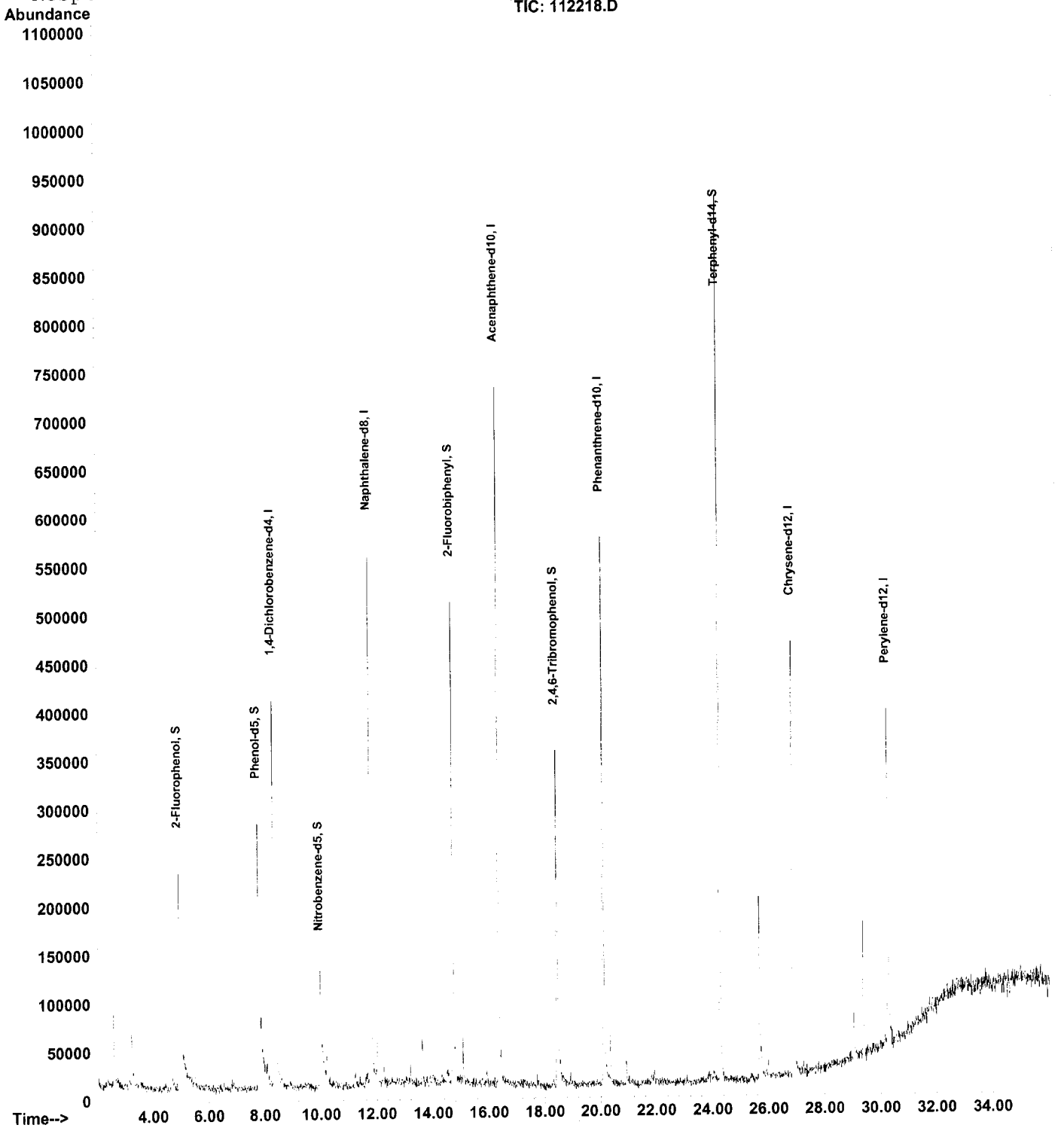
000251

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112218.D
Acq On : 22 Nov 2002 9:21 pm
Sample : 102451-083
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Nov 25 9:10 19102

Vial: 20
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112219.D Vial: 21
Acq On : 22 Nov 2002 10:05 pm Operator: dp
Sample : 102451-084 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 25 9:22 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	150	253534	40.00	ug/L	0.01
19) Naphthalene-d8	11.76	136	702834	40.00	ug/L	0.01
34) Acenaphthene-d10	16.36	164	401612	40.00	ug/L	0.01
55) Phenanthrene-d10	20.10	188	608499	40.00	ug/L	0.01
66) Chrysene-d12	26.88	240	448410	40.00	ug/L	0.01
74) Perylene-d12	30.28	264	295755	40.00	ug/L	0.01
System Monitoring Compounds						
3) 2-Fluorophenol	4.93	112	228779	42.18	ug/L	-0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 42.18%			
4) Phenol-d5	7.77	99	353009	43.02	ug/L	-0.04
Spiked Amount 100.000	Range 24 - 113		Recovery = 43.02%			
20) Nitrobenzene-d5	9.98	82	207772m	22.21	ug/L	0.02
Spiked Amount 50.000	Range 23 - 120		Recovery = 44.42%			
38) 2-Fluorobiphenyl	14.71	172	365406	23.27	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.54%			
54) 2,4,6-Tribromophenol	18.44	330	94753	51.62	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 51.62%			
68) Terphenyl-d14	24.29	244	668465	47.91	ug/L	-0.12
Spiked Amount 50.000	Range 18 - 137		Recovery = 95.82%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

000253

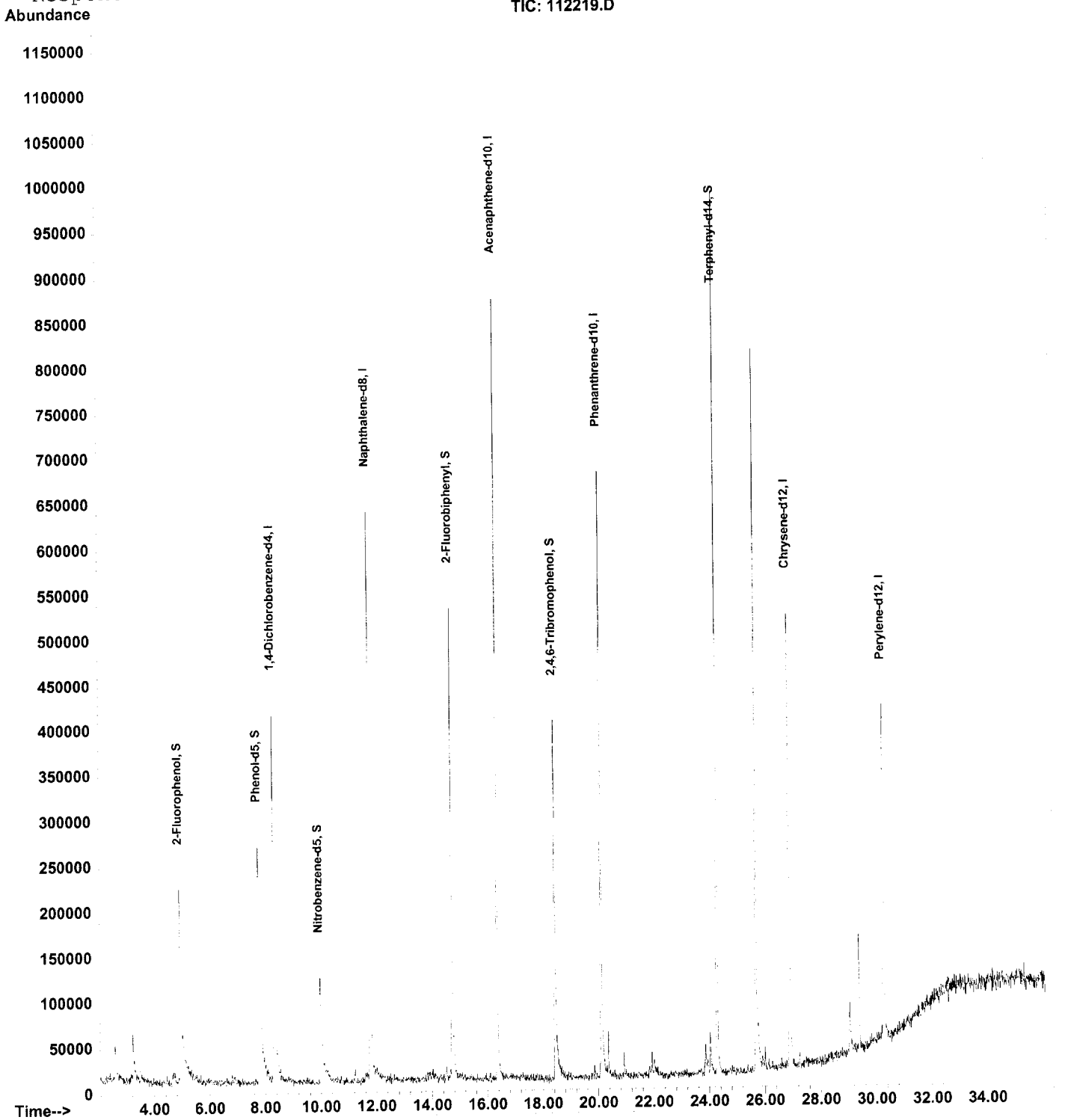
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112202\112219.D
Acq On : 22 Nov 2002 10:05 pm
Sample : 102451-084
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Nov 25 9:22 19102

Vial: 21
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Fri Nov 22 14:01:41 2002
Response via : Initial Calibration



000254

ASSOCIATED LABORATORIES
8270 PREP SHEET

[redacted]

BATCH ID: 112002 S

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SURR. ADDED	SPIKE ADDED	INITIAL WT / VOL	FINAL VOLUME	DATE EXT.	EXT. BY	COMMENT
BLANK 112002	3550B	S	1ml	—	30g	1ml	11/20/02	HE	Foster Wheeler
LCS 112002		S	1ml	1ml	30g	1ml			
102457 - 393077 MS		S	1ml	1ml	30g	1ml			
393077 MSD		S	1ml	1ml	30g	1ml			
393074		S	1ml	—	30g	1ml			
393075		S	1ml	—	30g	1ml			
393076		S	1ml	—	30g	1ml			
393077		S	1ml	—	30g	1ml			
393078		S	1ml	—	10g	1ml			smell
393079		S	1ml	—	10g	1ml			—"—
393080		S	1ml	—	30g	1ml			
393081		S	1ml	—	10g	1ml			smell
393082		S	1ml	—	10g	1ml			—"—
393083		S	1ml	—	30g	1ml			
393084		S	1ml	—	30g	1ml			

000255

Solvent Manufacturer and Lot # Mecky Fisher # 013186

Florisil Manufacturer & Lot # —

Sand Manufacturer & Lot # SPECTRUM PK 1365

Surrogate Lot # W-2458

Spike Lot # W-2455

Na2SO4 Manufacturer & Lot # Micro Tech 22200 Q

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102451

CHAIN OF CUSTODY RECORD

Date 11-18-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandergrift Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31
PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature) Raf Jones

Samples Intact Yes ✓ No ___
County Seals Intact Yes ✓ No ___
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ___ 24 Hr. X 4 Day TAT per DR 11-20-02 AK
Regular ___ 48 Hr. ___

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX14	FT-31 See map	11-18-02	1644			X	2 jars 2 encores		See Attached
FT31EX15		11-18-02	1651			X			
FT31EX16		11-19-02	0945			X			
FT31EX17		11-19-02	1015			X			
FT31EX18		11-19-02	1050			X			
FT31EX19		11-19-02	1120			X			
FT31EX20		11-19-02	1135			X			
FT31EX21		11-19-02	1146			X			
FT31EX22		11-19-02	1204			X			
FT31EX23		11-19-02	1230			X			
FT31EX20D		11-19-02	1140			X			

Relinquished by: (Signature) 11-19-02 1600
Received by: (Signature)
Date/Time 11/20 10:00

I hereby authorize the performance of the above indicated work.

Relinquished by: (Signature)
Received by Laboratory for analysis: (Signature)
Date/Time

Special Instructions: fax results to (505) 679-2148
Shipper # 835776727050

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102451
REPORTED 11/25/2002
RECEIVED 11/20/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
393074	FT31EX14
393075	FT31EX15
393076	FT31EX16
393077	FT31EX17
393078	FT31EX18
393079	FT31EX19
393080	FT31EX20
393081	FT31EX21
393082	FT31EX22
393083	FT31EX23
393084	FT31EX20D
393085	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 393074 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX14
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8015 Carbon Chain I					
C06 - C10	ND	1	20	mg/Kg	11/20/02 AF
C10 - C22	ND	1	30	mg/Kg	11/20/02 AF
C22 - C32	ND	1	50	mg/Kg	11/20/02 AF
8260B Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2,4-Trimethylbenzene	4.2 J	1	5	ug/Kg	11/20/02 AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02 AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02 AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02 AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02 AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02 AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02 AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02 AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02 AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02 AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02 AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02 AM
Acetone	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393074 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX14
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	4.8 J	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	5.8	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393074 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX14
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	123			%	70 - 130
Dibromofluoromethane (sur)	101			%	70 - 130
p-Bromofluorobenzene (sur)	102			%	70 - 130
Toluene-d8 (sur)	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393074 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX14
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02 DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02 DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02 DP
Anthracene	ND	1	333	ug/Kg	11/22/02 DP
Benzidine	ND	1	333	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Chrysene	ND	1	333	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02 DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02 DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Fluorene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393074 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX14
Date Sampled: 11/18/2002
Time Sampled: 16:44
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	49			%	17 - 122
2-Fluorobiphenyl (sur)	48			%	30 - 115
2-Fluorophenol (sur)	38			%	25 - 121
Nitrobenzene-d5 (sur)	42			%	23 - 120
Phenol-d5 (sur)	41			%	24 - 113
Terphenyl-d14 (sur)	97			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	110			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX15
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/20/02	AF
C10 - C22	ND	1	30	mg/Kg	11/20/02	AF
C22 - C32	ND	1	50	mg/Kg	11/20/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	6.1	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX15

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	5.8	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	7.9	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX15
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	6.1	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	104			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX15
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393075 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX15
Date Sampled: 11/18/2002
Time Sampled: 16:51
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	52			%	17 - 122
2-Fluorobiphenyl (sur)	50			%	30 - 115
2-Fluorophenol (sur)	36			%	25 - 121
Nitrobenzene-d5 (sur)	43			%	23 - 120
Phenol-d5 (sur)	42			%	24 - 113
Terphenyl-d14 (sur)	99			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	110			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX16

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/20/02	AF
C10 - C22	ND	1	30	mg/Kg	11/20/02	AF
C22 - C32	ND	1	50	mg/Kg	11/20/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX16

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX16
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	123			%	70 - 130
Dibromofluoromethane (sur)	114			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX16
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02 DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02 DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02 DP
Anthracene	ND	1	333	ug/Kg	11/22/02 DP
Benzidine	ND	1	333	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Chrysene	ND	1	333	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02 DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02 DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Fluorene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393076 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX16
Date Sampled: 11/19/2002
Time Sampled: 09:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	53			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	30			%	25 - 121
Nitrobenzene-d5 (sur)	38			%	23 - 120
Phenol-d5 (sur)	38			%	24 - 113
Terphenyl-d14 (sur)	85			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	109			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX17
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/20/02	AF
C10 - C22	ND	1	30	mg/Kg	11/20/02	AF
C22 - C32	ND	1	50	mg/Kg	11/20/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX17
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX17
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	121			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX17
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393077
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX17

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	46			%	17 - 122
2-Fluorobiphenyl (sur)	44			%	30 - 115
2-Fluorophenol (sur)	47			%	25 - 121
Nitrobenzene-d5 (sur)	35			%	23 - 120
Phenol-d5 (sur)	38			%	24 - 113
Terphenyl-d14 (sur)	92			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	110			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX18

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	42	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	14	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX18
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX18
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	21	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	109			%	70 - 130
Toluene-d8 (sur)	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX18
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Acenaphthene	ND	3	999.0	ug/Kg	11/22/02 DP
Acenaphthylene	ND	3	999.0	ug/Kg	11/22/02 DP
Anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzidine	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzoic Acid	ND	3	999.0	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Chrysene	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	11/22/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Fluorene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393078
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX18

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Isophorone	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	11/22/02 DP
Naphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	11/22/02 DP
Phenol	ND	3	999.0	ug/Kg	11/22/02 DP
Pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	65			%	17 - 122
2-Fluorobiphenyl (sur)	60			%	30 - 115
2-Fluorophenol (sur)	39			%	25 - 121
Nitrobenzene-d5 (sur)	36			%	23 - 120
Phenol-d5 (sur)	50			%	24 - 113
Terphenyl-d14 (sur)	97			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	7.0	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	105			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	8.7	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	4.6 J	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX19
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	120	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	22	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX19
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	21	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	98			%	70 - 130
Dibromofluoromethane (sur)	110			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX19
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	11/22/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	11/22/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	11/22/02	DP
Anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzidine	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Chrysene	ND	3	999.0	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	11/22/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	11/22/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	11/22/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	11/22/02	DP
Fluorene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393079 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX19
Date Sampled: 11/19/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Isophorone	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	11/22/02 DP
Naphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	11/22/02 DP
Phenol	ND	3	999.0	ug/Kg	11/22/02 DP
Pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	64			%	17 - 122
2-Fluorobiphenyl (sur)	52			%	30 - 115
2-Fluorophenol (sur)	40			%	25 - 121
Nitrobenzene-d5 (sur)	46			%	23 - 120
Phenol-d5 (sur)	46			%	24 - 113
Terphenyl-d14 (sur)	96			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	27	2	10.0	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	99			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	116			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	110			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX20
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02 DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02 DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02 DP
Anthracene	ND	1	333	ug/Kg	11/22/02 DP
Benzidine	ND	1	333	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Chrysene	ND	1	333	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02 DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02 DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02 DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02 DP
Fluorene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393080
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	50			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	27			%	25 - 121
Nitrobenzene-d5 (sur)	35			%	23 - 120
Phenol-d5 (sur)	38			%	24 - 113
Terphenyl-d14 (sur)	76			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	104			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX21

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX21
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX21

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	116			%	70 - 130
Dibromofluoromethane (sur)	102			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	100			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX21
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Acenaphthene	ND	3	999.0	ug/Kg	11/22/02 DP
Acenaphthylene	ND	3	999.0	ug/Kg	11/22/02 DP
Anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzidine	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzoic Acid	ND	3	999.0	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Chrysene	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	11/22/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Fluorene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393081
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:46
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX21

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Isophorone	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	11/22/02 DP
Naphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	11/22/02 DP
Phenol	ND	3	999.0	ug/Kg	11/22/02 DP
Pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	84			%	17 - 122
2-Fluorobiphenyl (sur)	51			%	30 - 115
2-Fluorophenol (sur)	33			%	25 - 121
Nitrobenzene-d5 (sur)	43			%	23 - 120
Phenol-d5 (sur)	40			%	24 - 113
Terphenyl-d14 (sur)	89			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	104			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	300	1	20	mg/Kg	11/21/02	AF
C10 - C22	265	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	101			%	70 - 130
Toluene-d8 (sur)	106			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393082 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX22
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	11/22/02 DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chloroaniline	ND	3	999.0	ug/Kg	11/22/02 DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	11/22/02 DP
4-Methylphenol	ND	3	999.0	ug/Kg	11/22/02 DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	11/22/02 DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Acenaphthene	ND	3	999.0	ug/Kg	11/22/02 DP
Acenaphthylene	ND	3	999.0	ug/Kg	11/22/02 DP
Anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzidine	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Benzoic Acid	ND	3	999.0	ug/Kg	11/22/02 DP
Benzyl alcohol	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	11/22/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Chrysene	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	11/22/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	11/22/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	11/22/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	11/22/02 DP
Fluorene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	11/22/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	11/22/02 DP

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Order #: 393082
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:04
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX22

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Isophorone	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	11/22/02 DP
Naphthalene	ND	3	999.0	ug/Kg	11/22/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	11/22/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	11/22/02 DP
Phenol	ND	3	999.0	ug/Kg	11/22/02 DP
Pyrene	ND	3	999.0	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	83			%	17 - 122
2-Fluorobiphenyl (sur)	55			%	30 - 115
2-Fluorophenol (sur)	51			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	46			%	24 - 113
Terphenyl-d14 (sur)	90			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	14	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	95			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX23

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	7.0	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX23
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	11	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	31	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX23

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	14	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	98			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX23
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393083
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 12:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX23

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	56			%	17 - 122
2-Fluorobiphenyl (sur)	51			%	30 - 115
2-Fluorophenol (sur)	37			%	25 - 121
Nitrobenzene-d5 (sur)	43			%	23 - 120
Phenol-d5 (sur)	44			%	24 - 113
Terphenyl-d14 (sur)	100			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	104			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/21/02	AF
C10 - C22	ND	1	30	mg/Kg	11/21/02	AF
C22 - C32	ND	1	50	mg/Kg	11/21/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/20/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/20/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/20/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/20/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/20/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/20/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/20/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/20/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/20/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/20/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/20/02	AM
Acetone	ND	1	5	ug/Kg	11/20/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/20/02 AM
Acrolein	ND	1	200	ug/Kg	11/20/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Benzene	ND	1	5	ug/Kg	11/20/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/20/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/20/02 AM
Bromoform	ND	1	5	ug/Kg	11/20/02 AM
Bromomethane	ND	1	5	ug/Kg	11/20/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/20/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/20/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/20/02 AM
Chloroethane	ND	1	5	ug/Kg	11/20/02 AM
Chloroform	ND	1	5	ug/Kg	11/20/02 AM
Chloromethane	ND	1	5	ug/Kg	11/20/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/20/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/20/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/20/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/20/02 AM
Iodomethane	ND	1	5	ug/Kg	11/20/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/20/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/20/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/20/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/20/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/20/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Naphthalene	ND	1	5	ug/Kg	11/20/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/20/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/20/02 AM
Propionitrile	ND	1	5	ug/Kg	11/20/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Styrene	ND	1	5	ug/Kg	11/20/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/20/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/20/02 AM
Toluene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/20/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/20/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/20/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/20/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/20/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/20/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/20/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	111			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/22/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/22/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/22/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/22/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/22/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/22/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/22/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	11/22/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/22/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/22/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/22/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/22/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/22/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/22/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/22/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/22/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/22/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/22/02	DP
Anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzidine	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/22/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/22/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/22/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/22/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Chrysene	ND	1	333	ug/Kg	11/22/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/22/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/22/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/22/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/22/02	DP
Fluorene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	11/22/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/22/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393084
Matrix: SOLID
Date Sampled: 11/19/2002
Time Sampled: 11:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX20D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	11/22/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/22/02 DP
Isophorone	ND	1	333	ug/Kg	11/22/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/22/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/22/02 DP
Naphthalene	ND	1	333	ug/Kg	11/22/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/22/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/22/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/22/02 DP
Phenol	ND	1	333	ug/Kg	11/22/02 DP
Pyrene	ND	1	333	ug/Kg	11/22/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	52			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	42			%	25 - 121
Nitrobenzene-d5 (sur)	44			%	23 - 120
Phenol-d5 (sur)	43			%	24 - 113
Terphenyl-d14 (sur)	96			%	18 - 137

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	5	mg/Kg	11/20/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	106			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102529

CHAIN OF CUSTODY RECORD

Date 11-18-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandegrift Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31
PROJECT MANAGER J. Manning
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature) [signature]

Samples Intact Yes ✓ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled ____ Frozen ____
Same Day ____ 24 Hr. ~~X~~
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX01	FT-31 See map	11-18-02	1449			X	4		See Attached
FT31EX02	"	11-18-02	1455			X	4		
FT31EX03	"	11-18-02	1500			X	4		
FT31EX04	"	11-18-02	1510			X	4		
FT31EX05	"	11-18-02	1520			X	4		
FT31EX06	"	11-18-02	1532			X	4		
FT31EX07	"	11-19-02	0920			X	4		
FT31EX08	"	11-18-02	1545			X	4		
FT31EX09	"	11-18-02	1555			X	4		
~~FT31EX10~~									
~~FT31EX11~~									
FT31EX12	"	11-18-02	1630			X	4		
FT31EX13	"	11-18-02	1640			X	4		

Relinquished by: (Signature) [signature] 11-19-02 1600	Received by: (Signature) [signature]	Date/Time 11/21 950
~~Relinquished by:~~ (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

I hereby authorize the performance of the above indicated work. [signature]

Special Instructions: fax results to: (505) 679-2148
Shipper # 835776727061

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102529

CHAIN OF CUSTODY RECORD

Date 11-18-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 641 Vandergrift Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31
PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature) [signature]

Samples Intact Yes ✓ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ____ Cooled ✓ Frozen ____
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX01	FT-31 See map	11-18-02	1449			X	4		See attached
FT31EX02		11-18-02	1455			X	4		
FT31EX03		11-18-02	1500			X	4		
FT31EX04		11-18-02	1510			X	4		
FT31EX05		11-18-02	1520			X	4		
FT31EX06		11-18-02	1532			X	4		
FT31EX07		11-19-02	0920			X	4		
FT31EX08		11-18-02	1545			X	4		
FT31EX09		11-18-02	1555			X	4		
~~FT31EX10~~									
~~FT31EX11~~									
FT31EX12		11-18-02	1630			X	4		
FT31EX13		11-18-02	1640			X	4		

Relinquished by: (Signature) [signature] 11-19-02 1600	Received by: (Signature) [signature]	Date/Time 11/21 950
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

I hereby authorize the performance of the above indicated work. [signature]

Special Instructions: fax results to: (505) 679-2148
Shipper # 835776727061

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102529
REPORTED 12/02/2002
RECEIVED 11/21/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
393561	FT31EX01
393562	FT31EX02
393563	FT31EX03
393564	FT31EX04
393565	FT31EX05
393566	FT31EX06
393567	FT31EX07
393568	FT31EX08
393569	FT31EX09
393570	FT31EX12
393571	FT31EX13
393572	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Table 2-1
East Excavation Confirmation Samples
(Data Collected by Foster Wheeler)

Chemical	SSL (µg/kg)						
	Residential	Commercial	FT31EX01	FT31EX02	FT31EX03	FT31EX03B	FT31EX04
Petroleum Hydrocarbons (µg/Kg)							
C06 - C10			2,400,000	169,000	1,990,000	ND	1,110,000
C10 - C22			2,090,000	309,000	1,400,000	48,000	1,720,000
C22 - C32			ND	ND	ND	ND	ND
Total (C10 - C32)	893,333	2,233,333	**2,090,000**	309,000	**1,400,000**	48,000	**1,720,000**
VOCs (µg/kg)							
1,1,1-Trichloroethane	6.03E+05*	6.03E+05*	ND	ND	ND	ND	ND
1,1-Dichloroethane	9.39E+05	9.39E+05	ND	ND	ND	ND	ND
1,1-Dichloroethene	8.20E+02	1.84E+03	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.96E+04	1.97E+05	24,800	ND	44,400	3,460	29,400
1,3,5-Trimethylbenzene	2.56E+04	6.91E+04*	9,620	ND	13,800	1,130	11,300
Benzene	1.12E+04	2.45E+04	ND	ND	ND	404	ND
Ethylbenzene	8.66E+04*	8.66E+04*	34,900	5,470	37,200	3,090	39,400
Isopropylbenzene (Cumene)	2.65E+05	3.69E+05*	7,180	ND	10,600	716	9,150
m and p-Xylene	1.01E+01*	1.01E+01*	ND	ND		720	ND
n-Butylbenzene	6.21E+04*	6.21E+04*	6,110	ND	6,200	552	5,390
n-Propylbenzene	6.21E+04*	6.21E+04*	10,500	ND	16,400	1,090	13,900
o-Xylene	6.53E+04*	6.53E+04*	ND	ND	ND	ND	ND
p-Isopropyltoluene	6.30E+04*	6.30E+04*	4,840	ND	8,290	650	6,340
sec-Butylbenzene	6.05E+04*	6.05E+04*	4,270	ND	7,620	ND	5,510
Xylenes, total	8.12E+04*	8.12E+04*	4,410	ND	ND	720	4,610
SVOCs (µg/kg)							
2-Methylnaphthalene	1.71E+05*	1.71E+05*	10,400	1,250	6,840	937	9,780
Naphthalene	6.12E+04*	6.12E+04*	9,160	511 J	10,800	627	9,730

Notes:

ND - analyte not detected, detection limit unknown. For calculation of total TPH, ND values were assumed zero.

µg/kg - microgams per kilogram

J denotes value between MDL and Detection Limit for Reporting (DLR).

SSL for C10 - C32 are averaged TPH values of Diesel#2/crankcase oil, #3 and #6 fuel oil, and Kerosene and jet fuel in the NMED TPH Screening Guidelines.

SSL for VOCs are calculated values using the data and equations provided in the NMED, Technical Background Document for Development of Soil Screening Levels.

* Saturated concentration was used.

Order #: 393561
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/22/02	AF
C10 - C22	ND	1	30	mg/Kg	11/22/02	AF
C22 - C32	ND	1	50	mg/Kg	11/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX01
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	111			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/29/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/29/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/29/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/29/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/29/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/29/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/29/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/29/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/29/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/29/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/29/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/29/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/29/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/29/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/29/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/29/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/29/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/29/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/29/02	DP
Anthracene	ND	1	333	ug/Kg	11/29/02	DP
Benzidine	ND	1	333	ug/Kg	11/29/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/29/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/29/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Chrysene	ND	1	333	ug/Kg	11/29/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/29/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/29/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Fluorene	ND	1	333	ug/Kg	11/29/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/29/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX01
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/29/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/29/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/29/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/29/02 DP
Isophorone	ND	1	333	ug/Kg	11/29/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/29/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/29/02 DP
Naphthalene	ND	1	333	ug/Kg	11/29/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/29/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/29/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/29/02 DP
Phenol	ND	1	333	ug/Kg	11/29/02 DP
Pyrene	ND	1	333	ug/Kg	11/29/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	56			%	17 - 122
2-Fluorobiphenyl (sur)	51			%	30 - 115
2-Fluorophenol (sur)	29			%	25 - 121
Nitrobenzene-d5 (sur)	38			%	23 - 120
Phenol-d5 (sur)	31			%	24 - 113
Terphenyl-d14 (sur)	100			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	97			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/22/02	AF
C10 - C22	ND	1	30	mg/Kg	11/22/02	AF
C22 - C32	ND	1	50	mg/Kg	11/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX02
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	122			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX02
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	61			%	17 - 122
2-Fluorobiphenyl (sur)	37			%	30 - 115
2-Fluorophenol (sur)	31			%	25 - 121
Nitrobenzene-d5 (sur)	30			%	23 - 120
Phenol-d5 (sur)	27			%	24 - 113
Terphenyl-d14 (sur)	126			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	102			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX03
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX03
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX03
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	103			%	70 - 130
p-Bromofluorobenzene (sur)	111			%	70 - 130
Toluene-d8 (sur)	106			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX03
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	66			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	38			%	25 - 121
Nitrobenzene-d5 (sur)	41			%	23 - 120
Phenol-d5 (sur)	31			%	24 - 113
Terphenyl-d14 (sur)	111			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	99			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	120			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	110			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	52			%	17 - 122
2-Fluorobiphenyl (sur)	42			%	30 - 115
2-Fluorophenol (sur)	35			%	25 - 121
Nitrobenzene-d5 (sur)	54			%	23 - 120
Phenol-d5 (sur)	30			%	24 - 113
Terphenyl-d14 (sur)	97			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	99			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX05
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX05
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX05
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	104			%	70 - 130
p-Bromofluorobenzene (sur)	112			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX05
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX05

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02	DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Isophorone	ND	1	333	ug/Kg	11/30/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02	DP
Naphthalene	ND	1	333	ug/Kg	11/30/02	DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02	DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02	DP
Phenol	ND	1	333	ug/Kg	11/30/02	DP
Pyrene	ND	1	333	ug/Kg	11/30/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	55			%	17 - 122	
2-Fluorobiphenyl (sur)	43			%	30 - 115	
2-Fluorophenol (sur)	39			%	25 - 121	
Nitrobenzene-d5 (sur)	46			%	23 - 120	
Phenol-d5 (sur)	35			%	24 - 113	
Terphenyl-d14 (sur)	93			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/22/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	100			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX06
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	634	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX06
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX06
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	409	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX06

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX06
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	73			%	17 - 122
2-Fluorobiphenyl (sur)	57			%	30 - 115
2-Fluorophenol (sur)	43			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	40			%	24 - 113
Terphenyl-d14 (sur)	103			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	7.1	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	96			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX07

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX07

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX07
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	106			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX07
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02 DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02 DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02 DP
Anthracene	ND	1	333	ug/Kg	11/30/02 DP
Benzidine	ND	1	333	ug/Kg	11/30/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Chrysene	ND	1	333	ug/Kg	11/30/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02 DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02 DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Fluorene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX07

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	61			%	17 - 122
2-Fluorobiphenyl (sur)	49			%	30 - 115
2-Fluorophenol (sur)	44			%	25 - 121
Nitrobenzene-d5 (sur)	39			%	23 - 120
Phenol-d5 (sur)	35			%	24 - 113
Terphenyl-d14 (sur)	112			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	99			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX08
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	11/21/02	AM
Acrolein	ND	1	200	ug/Kg	11/21/02	AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02	AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02	AM
Benzene	ND	1	5	ug/Kg	11/21/02	AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02	AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02	AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02	AM
Bromoform	ND	1	5	ug/Kg	11/21/02	AM
Bromomethane	ND	1	5	ug/Kg	11/21/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02	AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
Chloroethane	ND	1	5	ug/Kg	11/21/02	AM
Chloroform	ND	1	5	ug/Kg	11/21/02	AM
Chloromethane	ND	1	5	ug/Kg	11/21/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02	AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02	AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02	AM
Iodomethane	ND	1	5	ug/Kg	11/21/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02	AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02	AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02	AM
Naphthalene	ND	1	5	ug/Kg	11/21/02	AM
o-Xylene	ND	1	5	ug/Kg	11/21/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX08
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	123			%	70 - 130
Dibromofluoromethane (sur)	113			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX08

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	50			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	46			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	37			%	24 - 113
Terphenyl-d14 (sur)	99			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	101			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX09

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX09
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX09
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	112			%	70 - 130
Dibromofluoromethane (sur)	110			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	104			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX09
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX09
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	74			%	17 - 122
2-Fluorobiphenyl (sur)	49			%	30 - 115
2-Fluorophenol (sur)	39			%	25 - 121
Nitrobenzene-d5 (sur)	57			%	23 - 120
Phenol-d5 (sur)	37			%	24 - 113
Terphenyl-d14 (sur)	112			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	105			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX12
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/22/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/22/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/22/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/22/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/22/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/22/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/22/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/22/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/22/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/22/02	AM
Acetone	ND	1	5	ug/Kg	11/22/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX12
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/22/02 AM
Acrolein	ND	1	200	ug/Kg	11/22/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/22/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Benzene	ND	1	5	ug/Kg	11/22/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/22/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/22/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/22/02 AM
Bromoform	ND	1	5	ug/Kg	11/22/02 AM
Bromomethane	ND	1	5	ug/Kg	11/22/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/22/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/22/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/22/02 AM
Chloroethane	ND	1	5	ug/Kg	11/22/02 AM
Chloroform	ND	1	5	ug/Kg	11/22/02 AM
Chloromethane	ND	1	5	ug/Kg	11/22/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/22/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/22/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/22/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/22/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/22/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/22/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/22/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/22/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/22/02 AM
Iodomethane	ND	1	5	ug/Kg	11/22/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/22/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/22/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/22/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/22/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/22/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/22/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Naphthalene	ND	1	5	ug/Kg	11/22/02 AM
o-Xylene	ND	1	5	ug/Kg	11/22/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/22/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX12
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/22/02 AM
Propionitrile	ND	1	5	ug/Kg	11/22/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Styrene	ND	1	5	ug/Kg	11/22/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/22/02 AM
Toluene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/22/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/22/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/22/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/22/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/22/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX12

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX12

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	78			%	17 - 122
2-Fluorobiphenyl (sur)	53			%	30 - 115
2-Fluorophenol (sur)	48			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	39			%	24 - 113
Terphenyl-d14 (sur)	107			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	98			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX13

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/22/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/22/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/22/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/22/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/22/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/22/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/22/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/22/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/22/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/22/02	AM
Acetone	ND	1	5	ug/Kg	11/22/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX13

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/22/02 AM
Acrolein	ND	1	200	ug/Kg	11/22/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/22/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Benzene	ND	1	5	ug/Kg	11/22/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/22/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/22/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/22/02 AM
Bromoform	ND	1	5	ug/Kg	11/22/02 AM
Bromomethane	ND	1	5	ug/Kg	11/22/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/22/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/22/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/22/02 AM
Chloroethane	ND	1	5	ug/Kg	11/22/02 AM
Chloroform	ND	1	5	ug/Kg	11/22/02 AM
Chloromethane	ND	1	5	ug/Kg	11/22/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/22/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/22/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/22/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/22/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/22/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/22/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/22/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/22/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/22/02 AM
Iodomethane	ND	1	5	ug/Kg	11/22/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/22/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/22/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/22/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/22/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/22/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/22/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Naphthalene	ND	1	5	ug/Kg	11/22/02 AM
o-Xylene	ND	1	5	ug/Kg	11/22/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/22/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX13

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/22/02 AM
Propionitrile	ND	1	5	ug/Kg	11/22/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Styrene	ND	1	5	ug/Kg	11/22/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/22/02 AM
Toluene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/22/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/22/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/22/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/22/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/22/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX13
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02 DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02 DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02 DP
Anthracene	ND	1	333	ug/Kg	11/30/02 DP
Benzidine	ND	1	333	ug/Kg	11/30/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Chrysene	ND	1	333	ug/Kg	11/30/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02 DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02 DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Fluorene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX13
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	67			%	17 - 122
2-Fluorobiphenyl (sur)	49			%	30 - 115
2-Fluorophenol (sur)	42			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	33			%	24 - 113
Terphenyl-d14 (sur)	93			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	97			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

NARRATIVE

Date: December 11, 2002

Narrative for Lab Request LR: 102529

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015M – Total Petroleum Hydrocarbons.
- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
All QC data, including MS/MSD, LCS, Method Blanks, and Surrogate Recoveries, were within control limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8270:** The LCS was slightly outside control limits for 2,4-Dinitrotoluene. Corrective action: No corrective action necessary. All other QC data conformed, including the remaining LCS, Method Blanks, surrogate recoveries, and the MS/MSD. Because all analytical samples were below the detection limit, the integrity of the analytical results should not be affected. Therefore, the analytical batch was accepted.

- **EPA 8015M (TPH), 8015 (CCI) & 8260:** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Associated Laboratories
806 N. Batavia
Orange, CA 92868

Phone: 714-771-6900
Fax: 714-538-1209

LAB REQUEST: 102529

CLIENT: Foster Wheeler Environmental Corp.

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ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102529
REPORTED 12/02/2002
RECEIVED 11/21/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
393561	FT31EX01
393562	FT31EX02
393563	FT31EX03
393564	FT31EX04
393565	FT31EX05
393566	FT31EX06
393567	FT31EX07
393568	FT31EX08
393569	FT31EX09
393570	FT31EX12
393571	FT31EX13
393572	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 393561
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/22/02	AF
C10 - C22	ND	1	30	mg/Kg	11/22/02	AF
C22 - C32	ND	1	50	mg/Kg	11/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX01

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	111			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/29/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/29/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/29/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/29/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/29/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/29/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/29/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/29/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX01
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/29/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/29/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/29/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/29/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/29/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/29/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/29/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/29/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/29/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/29/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/29/02	DP
Anthracene	ND	1	333	ug/Kg	11/29/02	DP
Benzidine	ND	1	333	ug/Kg	11/29/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/29/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/29/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Chrysene	ND	1	333	ug/Kg	11/29/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/29/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/29/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Fluorene	ND	1	333	ug/Kg	11/29/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/29/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393561 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX01
Date Sampled: 11/18/2002
Time Sampled: 14:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	11/29/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/29/02	DP
Hexachloroethane	ND	1	333	ug/Kg	11/29/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/29/02	DP
Isophorone	ND	1	333	ug/Kg	11/29/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/29/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/29/02	DP
Naphthalene	ND	1	333	ug/Kg	11/29/02	DP
Nitrobenzene	ND	1	333	ug/Kg	11/29/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/29/02	DP
Phenanthrene	ND	1	333	ug/Kg	11/29/02	DP
Phenol	ND	1	333	ug/Kg	11/29/02	DP
Pyrene	ND	1	333	ug/Kg	11/29/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	56			%	17 - 122	
2-Fluorobiphenyl (sur)	51			%	30 - 115	
2-Fluorophenol (sur)	29			%	25 - 121	
Nitrobenzene-d5 (sur)	38			%	23 - 120	
Phenol-d5 (sur)	31			%	24 - 113	
Terphenyl-d14 (sur)	100			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/22/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	97			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/22/02	AF
C10 - C22	ND	1	30	mg/Kg	11/22/02	AF
C22 - C32	ND	1	50	mg/Kg	11/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX02
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	122			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393562
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 14:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX02

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	61			%	17 - 122
2-Fluorobiphenyl (sur)	37			%	30 - 115
2-Fluorophenol (sur)	31			%	25 - 121
Nitrobenzene-d5 (sur)	30			%	23 - 120
Phenol-d5 (sur)	27			%	24 - 113
Terphenyl-d14 (sur)	126			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	102			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX03
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	11/21/02	AM
Propionitrile	ND	1	5	ug/Kg	11/21/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02	AM
Styrene	ND	1	5	ug/Kg	11/21/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02	AM
Toluene	ND	1	5	ug/Kg	11/21/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02	AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02	AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02	AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02	AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130	
Dibromofluoromethane (sur)	103			%	70 - 130	
p-Bromofluorobenzene (sur)	111			%	70 - 130	
Toluene-d8 (sur)	106			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02	DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX03

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02 DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02 DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02 DP
Anthracene	ND	1	333	ug/Kg	11/30/02 DP
Benzidine	ND	1	333	ug/Kg	11/30/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Chrysene	ND	1	333	ug/Kg	11/30/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02 DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02 DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Fluorene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393563 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX03
Date Sampled: 11/18/2002
Time Sampled: 15:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	66			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	38			%	25 - 121
Nitrobenzene-d5 (sur)	41			%	23 - 120
Phenol-d5 (sur)	31			%	24 - 113
Terphenyl-d14 (sur)	111			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	99			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX04
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX04

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	120			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	110			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393564
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX04

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	52			%	17 - 122
2-Fluorobiphenyl (sur)	42			%	30 - 115
2-Fluorophenol (sur)	35			%	25 - 121
Nitrobenzene-d5 (sur)	54			%	23 - 120
Phenol-d5 (sur)	30			%	24 - 113
Terphenyl-d14 (sur)	97			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	99			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX05
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX05
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX05

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	104			%	70 - 130
p-Bromofluorobenzene (sur)	112			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX05
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393565
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX05

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	55			%	17 - 122
2-Fluorobiphenyl (sur)	43			%	30 - 115
2-Fluorophenol (sur)	39			%	25 - 121
Nitrobenzene-d5 (sur)	46			%	23 - 120
Phenol-d5 (sur)	35			%	24 - 113
Terphenyl-d14 (sur)	93			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	100			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX06

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	634	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX06
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX06

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	409	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX06

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393566
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX06

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	73			%	17 - 122
2-Fluorobiphenyl (sur)	57			%	30 - 115
2-Fluorophenol (sur)	43			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	40			%	24 - 113
Terphenyl-d14 (sur)	103			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	7.1	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	96			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX07

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX07

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX07

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	106			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX07

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02 DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02 DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02 DP
Anthracene	ND	1	333	ug/Kg	11/30/02 DP
Benzidine	ND	1	333	ug/Kg	11/30/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Chrysene	ND	1	333	ug/Kg	11/30/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02 DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02 DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02 DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02 DP
Fluorene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393567
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 09:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX07

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	61			%	17 - 122
2-Fluorobiphenyl (sur)	49			%	30 - 115
2-Fluorophenol (sur)	44			%	25 - 121
Nitrobenzene-d5 (sur)	39			%	23 - 120
Phenol-d5 (sur)	35			%	24 - 113
Terphenyl-d14 (sur)	112			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	99			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX08

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX08

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	123			%	70 - 130
Dibromofluoromethane (sur)	113			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393568
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX08

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	50			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	46			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	37			%	24 - 113
Terphenyl-d14 (sur)	99			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	101			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX09

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX09

8260B Volatile Organic Compounds

Analyte	Result	DF	DLR	Units	Date/Analyst
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX09

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	112			%	70 - 130
Dibromofluoromethane (sur)	110			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	104			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX09

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393569
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 15:55
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX09

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	74			%	17 - 122
2-Fluorobiphenyl (sur)	49			%	30 - 115
2-Fluorophenol (sur)	39			%	25 - 121
Nitrobenzene-d5 (sur)	57			%	23 - 120
Phenol-d5 (sur)	37			%	24 - 113
Terphenyl-d14 (sur)	112			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	105			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX12
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/22/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/22/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/22/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/22/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/22/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/22/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/22/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/22/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/22/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/22/02	AM
Acetone	ND	1	5	ug/Kg	11/22/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX12

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/22/02 AM
Acrolein	ND	1	200	ug/Kg	11/22/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/22/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Benzene	ND	1	5	ug/Kg	11/22/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/22/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/22/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/22/02 AM
Bromoform	ND	1	5	ug/Kg	11/22/02 AM
Bromomethane	ND	1	5	ug/Kg	11/22/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/22/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/22/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/22/02 AM
Chloroethane	ND	1	5	ug/Kg	11/22/02 AM
Chloroform	ND	1	5	ug/Kg	11/22/02 AM
Chloromethane	ND	1	5	ug/Kg	11/22/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/22/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/22/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/22/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/22/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/22/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/22/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/22/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/22/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/22/02 AM
Iodomethane	ND	1	5	ug/Kg	11/22/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/22/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/22/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/22/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/22/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/22/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/22/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Naphthalene	ND	1	5	ug/Kg	11/22/02 AM
o-Xylene	ND	1	5	ug/Kg	11/22/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/22/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX12

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/22/02 AM
Propionitrile	ND	1	5	ug/Kg	11/22/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Styrene	ND	1	5	ug/Kg	11/22/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/22/02 AM
Toluene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/22/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/22/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/22/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/22/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/22/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393570
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX12

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

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Order #: 393570
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX12

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	78			%	17 - 122
2-Fluorobiphenyl (sur)	53			%	30 - 115
2-Fluorophenol (sur)	48			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	39			%	24 - 113
Terphenyl-d14 (sur)	107			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	98			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX13

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/23/02	AF
C10 - C22	ND	1	30	mg/Kg	11/23/02	AF
C22 - C32	ND	1	50	mg/Kg	11/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/22/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/22/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/22/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/22/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/22/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/22/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/22/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/22/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/22/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/22/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/22/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/22/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/22/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/22/02	AM
Acetone	ND	1	5	ug/Kg	11/22/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX13

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/22/02 AM
Acrolein	ND	1	200	ug/Kg	11/22/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/22/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Benzene	ND	1	5	ug/Kg	11/22/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/22/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/22/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/22/02 AM
Bromoform	ND	1	5	ug/Kg	11/22/02 AM
Bromomethane	ND	1	5	ug/Kg	11/22/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/22/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/22/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/22/02 AM
Chloroethane	ND	1	5	ug/Kg	11/22/02 AM
Chloroform	ND	1	5	ug/Kg	11/22/02 AM
Chloromethane	ND	1	5	ug/Kg	11/22/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/22/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/22/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/22/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/22/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/22/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/22/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/22/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/22/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/22/02 AM
Iodomethane	ND	1	5	ug/Kg	11/22/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/22/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/22/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/22/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/22/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/22/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/22/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Naphthalene	ND	1	5	ug/Kg	11/22/02 AM
o-Xylene	ND	1	5	ug/Kg	11/22/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/22/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX13
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/22/02 AM
Propionitrile	ND	1	5	ug/Kg	11/22/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Styrene	ND	1	5	ug/Kg	11/22/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/22/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/22/02 AM
Toluene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/22/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/22/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/22/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/22/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/22/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/22/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/22/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/30/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/30/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/30/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/30/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/30/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/30/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/30/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX13

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/30/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/30/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/30/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/30/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/30/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/30/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/30/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/30/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/30/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/30/02	DP
Anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzidine	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/30/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/30/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/30/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/30/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Chrysene	ND	1	333	ug/Kg	11/30/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/30/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/30/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/30/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/30/02	DP
Fluorene	ND	1	333	ug/Kg	11/30/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/30/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393571
Matrix: SOLID
Date Sampled: 11/18/2002
Time Sampled: 16:40
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX13

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/30/02 DP
Hexachloroethane	ND	1	333	ug/Kg	11/30/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/30/02 DP
Isophorone	ND	1	333	ug/Kg	11/30/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/30/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/30/02 DP
Naphthalene	ND	1	333	ug/Kg	11/30/02 DP
Nitrobenzene	ND	1	333	ug/Kg	11/30/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/30/02 DP
Phenanthrene	ND	1	333	ug/Kg	11/30/02 DP
Phenol	ND	1	333	ug/Kg	11/30/02 DP
Pyrene	ND	1	333	ug/Kg	11/30/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	67			%	17 - 122
2-Fluorobiphenyl (sur)	49			%	30 - 115
2-Fluorophenol (sur)	42			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	33			%	24 - 113
Terphenyl-d14 (sur)	93			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/22/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	97			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393572
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/22/02	AF
C10 - C22	ND	1	30	mg/Kg	11/22/02	AF
C22 - C32	ND	1	50	mg/Kg	11/22/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/21/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/21/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/21/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/21/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/21/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/21/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/21/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/21/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/21/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/21/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/21/02	AM
Acetone	ND	1	5	ug/Kg	11/21/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393572
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/21/02 AM
Acrolein	ND	1	200	ug/Kg	11/21/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Benzene	ND	1	5	ug/Kg	11/21/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/21/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/21/02 AM
Bromoform	ND	1	5	ug/Kg	11/21/02 AM
Bromomethane	ND	1	5	ug/Kg	11/21/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/21/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/21/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/21/02 AM
Chloroethane	ND	1	5	ug/Kg	11/21/02 AM
Chloroform	ND	1	5	ug/Kg	11/21/02 AM
Chloromethane	ND	1	5	ug/Kg	11/21/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/21/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/21/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/21/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/21/02 AM
Iodomethane	ND	1	5	ug/Kg	11/21/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/21/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/21/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/21/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/21/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/21/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/21/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Naphthalene	ND	1	5	ug/Kg	11/21/02 AM
o-Xylene	ND	1	5	ug/Kg	11/21/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/21/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393572
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/21/02 AM
Propionitrile	ND	1	5	ug/Kg	11/21/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Styrene	ND	1	5	ug/Kg	11/21/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/21/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/21/02 AM
Toluene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/21/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/21/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/21/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/21/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/21/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/21/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/21/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	104			%	70 - 130
p-Bromofluorobenzene (sur)	113			%	70 - 130
Toluene-d8 (sur)	110			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	11/29/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	11/29/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	11/29/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	11/29/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	11/29/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	11/29/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	11/29/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	11/29/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	11/29/02 DP
2-Methylphenol	ND	1	333	ug/Kg	11/29/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393572
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	11/29/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	11/29/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	11/29/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	11/29/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	11/29/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	11/29/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	11/29/02	DP
4-Methylphenol	ND	1	333	ug/Kg	11/29/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	11/29/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	11/29/02	DP
Acenaphthene	ND	1	333	ug/Kg	11/29/02	DP
Acenaphthylene	ND	1	333	ug/Kg	11/29/02	DP
Anthracene	ND	1	333	ug/Kg	11/29/02	DP
Benzidine	ND	1	333	ug/Kg	11/29/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	11/29/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Benzoic Acid	ND	1	333	ug/Kg	11/29/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	11/29/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	11/29/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Chrysene	ND	1	333	ug/Kg	11/29/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	11/29/02	DP
Dibenzofuran	ND	1	333	ug/Kg	11/29/02	DP
Diethylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	11/29/02	DP
Fluoranthene	ND	1	333	ug/Kg	11/29/02	DP
Fluorene	ND	1	333	ug/Kg	11/29/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	11/29/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 393572 **Client:** Foster Wheeler Environmental Corp.

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	11/29/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	11/29/02	DP
Hexachloroethane	ND	1	333	ug/Kg	11/29/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	11/29/02	DP
Isophorone	ND	1	333	ug/Kg	11/29/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	11/29/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	11/29/02	DP
Naphthalene	ND	1	333	ug/Kg	11/29/02	DP
Nitrobenzene	ND	1	333	ug/Kg	11/29/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	11/29/02	DP
Phenanthrene	ND	1	333	ug/Kg	11/29/02	DP
Phenol	ND	1	333	ug/Kg	11/29/02	DP
Pyrene	ND	1	333	ug/Kg	11/29/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	55			%	17 - 122	
2-Fluorobiphenyl (sur)	61			%	30 - 115	
2-Fluorophenol (sur)	43			%	25 - 121	
Nitrobenzene-d5 (sur)	51			%	23 - 120	
Phenol-d5 (sur)	47			%	24 - 113	
Terphenyl-d14 (sur)	110			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/22/02	I.T
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	103			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: 102529-568

Matrix: SOLID

Prep. Date: 11/22/02

Analysis Date: 11/22/02-11/23/02

ID#'s in Batch: LR 102529, 102514

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = ug/Kg

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
TPH	8015M-G	ND	5	5.41	5.23	108	105	3

ND = Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

	PREP BLK					
	Value	Result	True	%Rec	L.Limit	H.Limit
LCS	ND	5.42	5	108	80%	120%
LCSD	ND	5.62	5	112	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-156
QA Sample	101
MS	120
MSD	120
Method Blank	103
LCS	134
LCSD	135

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: 102529-571

Matrix: SOLID

Prep. Date: 11/22/02

Analysis Date: 11/22/02

ID#'s in Batch: LR 102529, 102580

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = ug/Kg

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
DIESEL	8015D	ND	250	184	194	74	78	5

ND = Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

	PREP BLK					
	Value	Result	True	%Rec	L.Limit	H.Limit
LCS	ND	494	500	99	80%	120%
LCSD	ND	501	500	100	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-156
MS	98
MSD	95
Method Blank	56
LCS	88
LCSD	90

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 11/22/02 4:09 PM

Applies to: LR 102529

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	53.91	58.58	108	117	8	22	59-172
MTBE	ND	50	46.28	50.22	93	100	8	24	62-137
Benzene	ND	50	47.23	53.58	94	107	13	24	62-137
Trichloroethene	ND	50	51.02	54.90	102	110	7	21	66-142
Toluene	ND	50	52.97	54.13	106	108	2	21	59-139
Chlorobenzene	ND	50	47.64	52.65	95	105	10	21	60-133

QC Sample: LCS # 1 2:51 PM
Analysis Date: 11/21/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	68.40	137	59-172
MTBE	ND	50	45.34	91	62-137
Benzene	ND	50	50.42	101	62-137
Trichloroethene	ND	50	55.57	111	66-142
Toluene	ND	50	57.78	116	59-139
Chlorobenzene	ND	50	53.18	106	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB	LCS	LCSD
1,2-Dichloroethane-d4	98	113	99	105
Dibromofluoromethane	107	104	106	110
Toluene-d8	106	110	105	101
p-Bromofluorobenzene	107	113	107	101

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270 / 625

QC Sample: 102529-563

Matrix: SOLID

Date Analyzed : 11/29/02

Date Extracted : 11/22/02

Applies to: LR 102529

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.1	50	19	20	38	40	5	35	26-125
2-Chorophenol	ND	50	24	19	48	38	23	50	25-125
1,4-Dichlorobenzene	ND	50	26	22	52	44	17	27	28-104
n-Nitroso-di-propylamine	0.3	50	32	28	63	55	13	38	41-126
1,2,4-Trichlorobenzene	0.1	50	37	31	74	62	18	23	38-107
4-Chloro-3-methylphenol	0.1	50	31	30	62	60	3	33	26-103
Acenaphthene	ND	50	34	33	68	66	3	19	31-137
4-Nitrophenol	ND	50	37	43	74	86	15	50	11-114
2,4-Dinitrotoluene	0.2	50	34	39	68	78	14	47	28-89
Pentachlorophenol	0.4	50	18	19	35	37	5	47	17-109
Pyrene	0.4	50	44	46	87	91	4	36	35-142

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	27	54	26-125
2-Chlorophenol	50	31	62	25-125
1,4-Dichlorobenzene	50	34	68	28-104
n-Nitroso-di-n-propylamine	50	37	74	41-126
1,2,4-Trichlorobenzene	50	44	88	38-107
4-Chloro-3-methylphenol	50	46	92	26-103
Acenaphthene	50	46	92	31-137
4-Nitophenol	50	35	70	11-114
2,4-Dinitrotoluene*	50	48	96	28-89
Pentachlorophenol	50	16	32	17-109
Pyrene	50	63	126	35-142

Method Blank = All ND

***Outside QC limits**

Cooler Receipt Form

Client: Foster Wheeler Project: FT 31

Date Cooler Received:_____ Date Cooler Opened:_____

Was cooler scanned for presence of radioactivity? (Yes) / No

a: Was radioactivity results above 25cpm? Yes / (No)

If cooler had custody seal(s), were they signed and intact? NA / (Yes) / No

Was a shipper's packing slip attached to the cooler? (Yes) / No

Cooler was packed with: Ice ✓ Ice Packs____ Bubble Wrap ✓ Styrofoam____

Paper____ None____ Other_____

Temperature of cooler:_____

*Cooler needs to be received @ 4°C with an acceptable range of 2°-6°C

Were all samples sealed in plastic bags? (Yes) / No

Did all samples arrive intact? If no, see below (Yes) / No

Were all samples labeled correctly? (ID, Dates, Times) If no, see below (Yes) / No

Can the tests required be run with provided containers? If no, see below (Yes) / No

Was sufficient volume of sample sent in all containers? (Yes) / No

Were any VOA vials received with headspace? (NA) / Yes / No

Were correct preservatives used? (NA) / Yes / No

*If no, see pH Log for a list of samples and container pH.

Any other important information: _____

_____

_____

Signed: _____ Date: 11/21

Attachment B

EXCAVATION samples

Analytical Method	Parameter
SW-846 Method 5035/8260B	VOCs
SW-846 Method 8270C	SVOCs
EPA Modified Method 8015	TPH (DRO, GRO, ORO)

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102529

CHAIN OF CUSTODY RECORD

Date 11-18-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandegrift Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31
PROJECT MANAGER J. Morrison
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature) [signature] Rafe Jones

Samples Intact Yes ✓ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ✓ Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	SAMPLE TYPE AIR	SAMPLE TYPE SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX01	FT-31 See map	11-18-02	1449			X	4		See attached
FT31EX02		11-18-02	1455			X	4		
FT31EX03		11-18-02	1500			X	4		
FT31EX04		11-18-02	1510			X	4		
FT31EX05		11-18-02	1520			X	4		
FT31EX06		11-18-02	1532			X	4		
FT31EX07		11-19-02	0920			X	4		
FT31EX08		11-18-02	1545			X	4		
FT31EX09		11-18-02	1555			X	4		
~~FT31EX10~~									
~~FT31EX11~~									
FT31EX12		11-18-02	1630			X	4		
FT31EX13		11-18-02	1640			X	4		

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[signature] 11-19-02 1600	[signature]	11/21 950
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

I hereby authorize the performance of the above indicated work.
[signature]

Special Instructions: Fax results to: (505) 679-2148
Shipper # 835776727061

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

11/14 12

EPA 8015M:

Total Petroleum Hydrocarbons

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

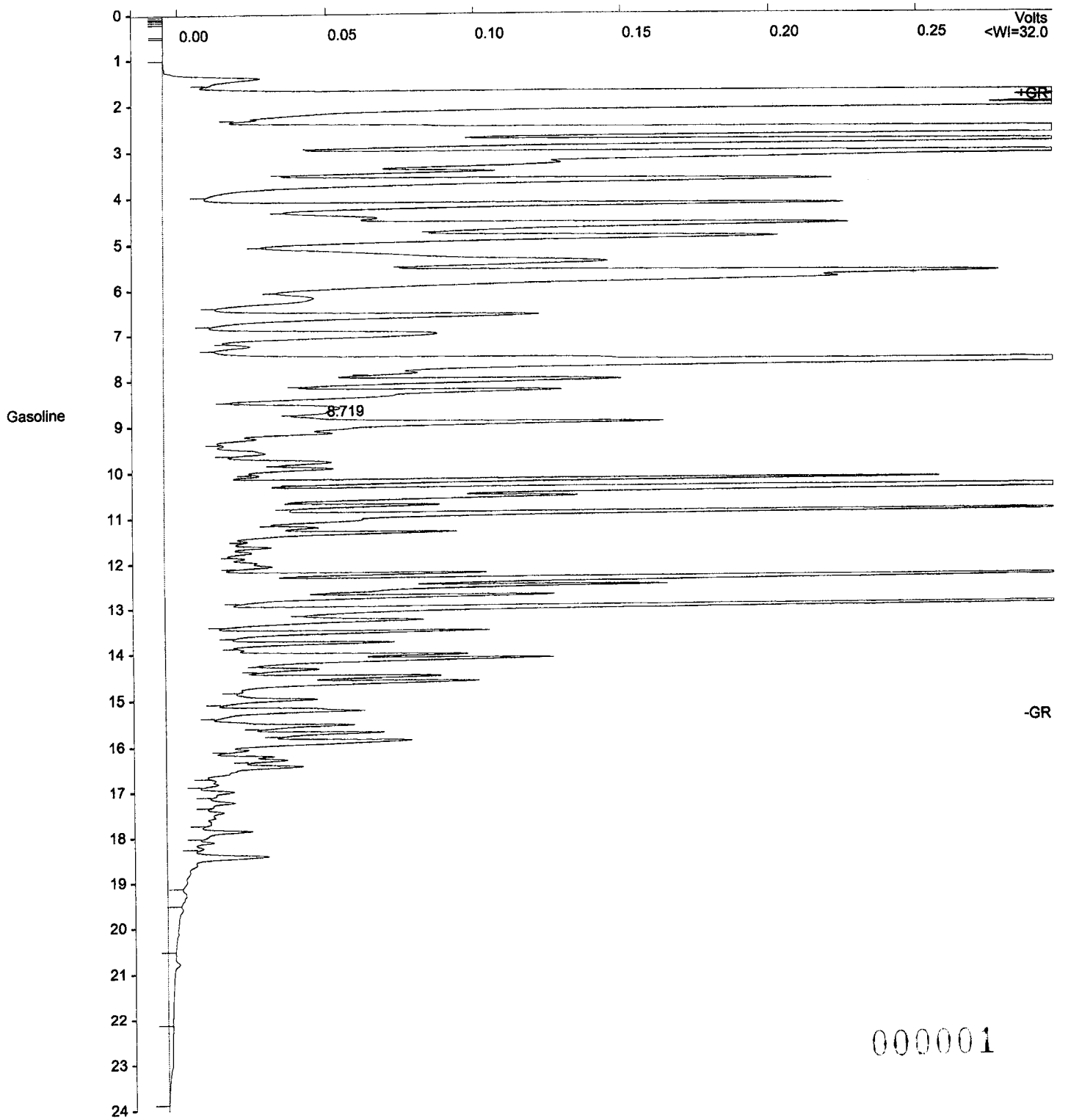
Injection Date: 11/22/02 10:43 AM Calculation Date: 11/22/02 11:07 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/22/02 10:43 AM Calculation Date: 11/22/02 11:07 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.9825	8.719	0.001	8272055	GR	0.0	
	Totals:	4.9825		0.001	8272055			

Total Unidentified Counts : 984890 counts

Detected Peaks: 63 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4909 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

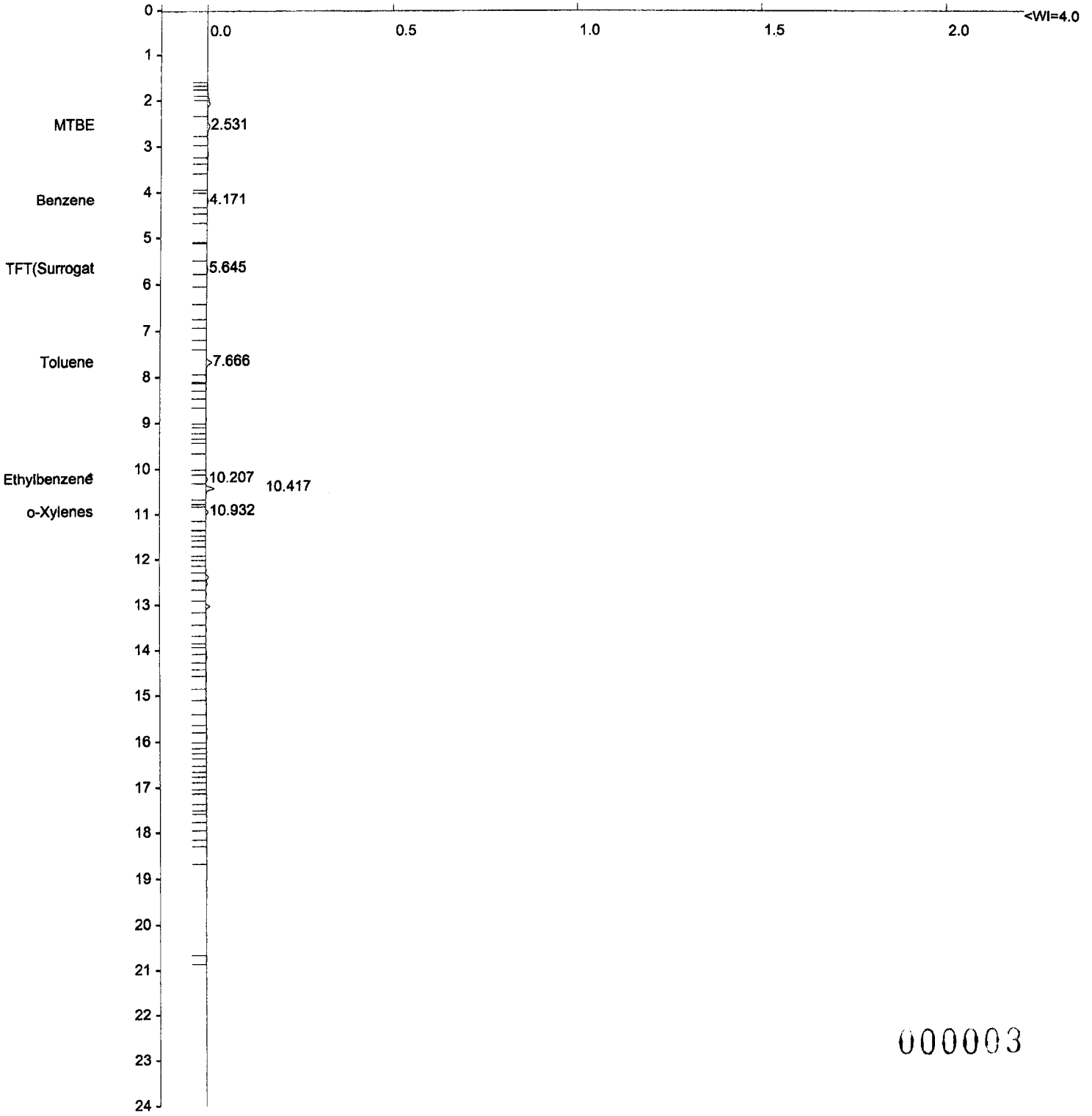
Injection Date: 11/22/02 10:43 AM Calculation Date: 11/22/02 11:07 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/22/02 10:43 AM Calculation Date: 11/22/02 11:07 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.531	0.004	5441	VV	7.2	
2	Benzene	0.0000	4.171	-0.003	2002	BV	5.8	
3	TFT(Surrogat	0.2620	5.645	0.014	2441	VV	9.2	C
4	Toluene	0.0000	7.666	0.008	10405	BP	5.1	
5	Ethylbenzene	0.0000	10.207	-0.003	2019	PV	4.0	
6	p,m-Xylenes	0.0000	10.417	0.007	10873	VV	0.0	
7	o-Xylenes	0.0000	10.932	-0.003	3292	VB	3.9	
	Totals:	0.2620		0.024	36473			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 34230 counts

Detected Peaks: 77 Rejected Peaks: 51 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1002.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

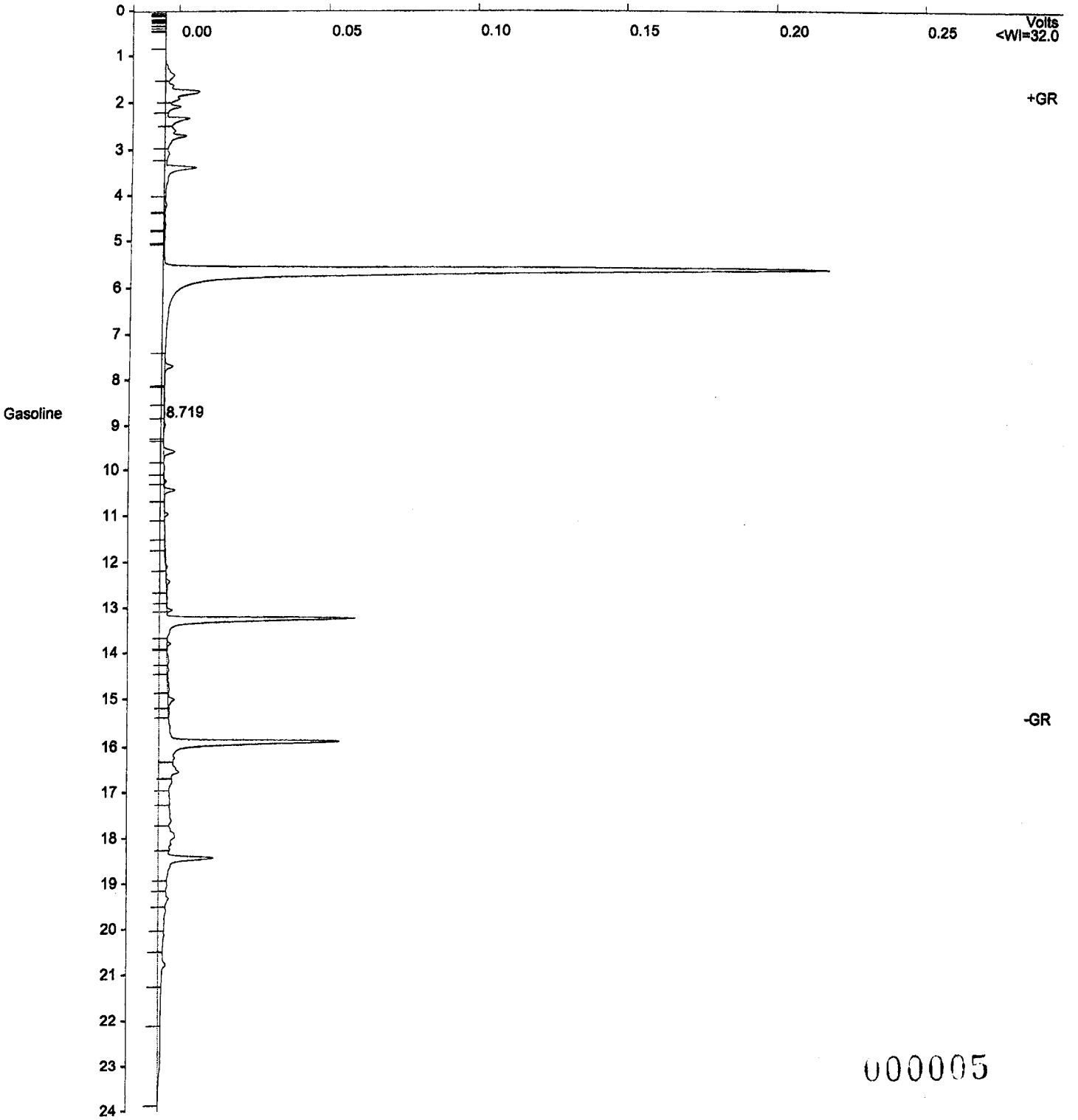
Injection Date: 11/22/02 11:23 AM Calculation Date: 11/22/02 11:47 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000005

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1002.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

Injection Date: 11/22/02 11:23 AM Calculation Date: 11/22/02 11:47 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2364	8.719	0.001	392468	GR	0.0	
	Totals:	0.2364		0.001	392468			

Total Unidentified Counts : 181711 counts

Detected Peaks: 59 Rejected Peaks: 12 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4729 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1002.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

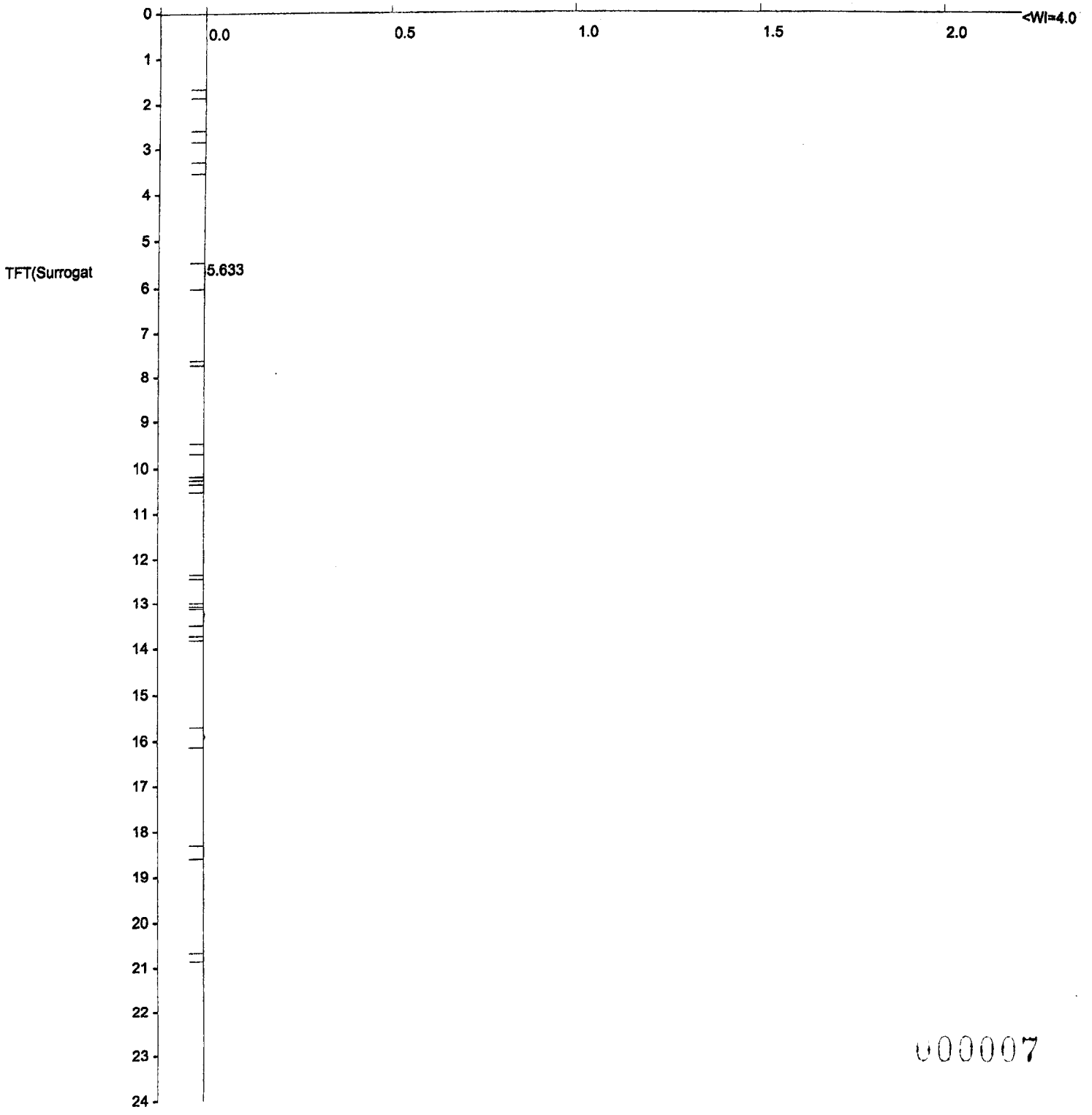
Injection Date: 11/22/02 11:23 AM Calculation Date: 11/22/02 11:47 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000007

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1002.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

Injection Date: 11/22/02 11:23 AM Calculation Date: 11/22/02 11:47 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2057	5.633	0.002	1917	BB	7.6	
	Totals:	0.2057		0.002	1917			

Total Unidentified Counts : 2968 counts

Detected Peaks: 15 Rejected Peaks: 12 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

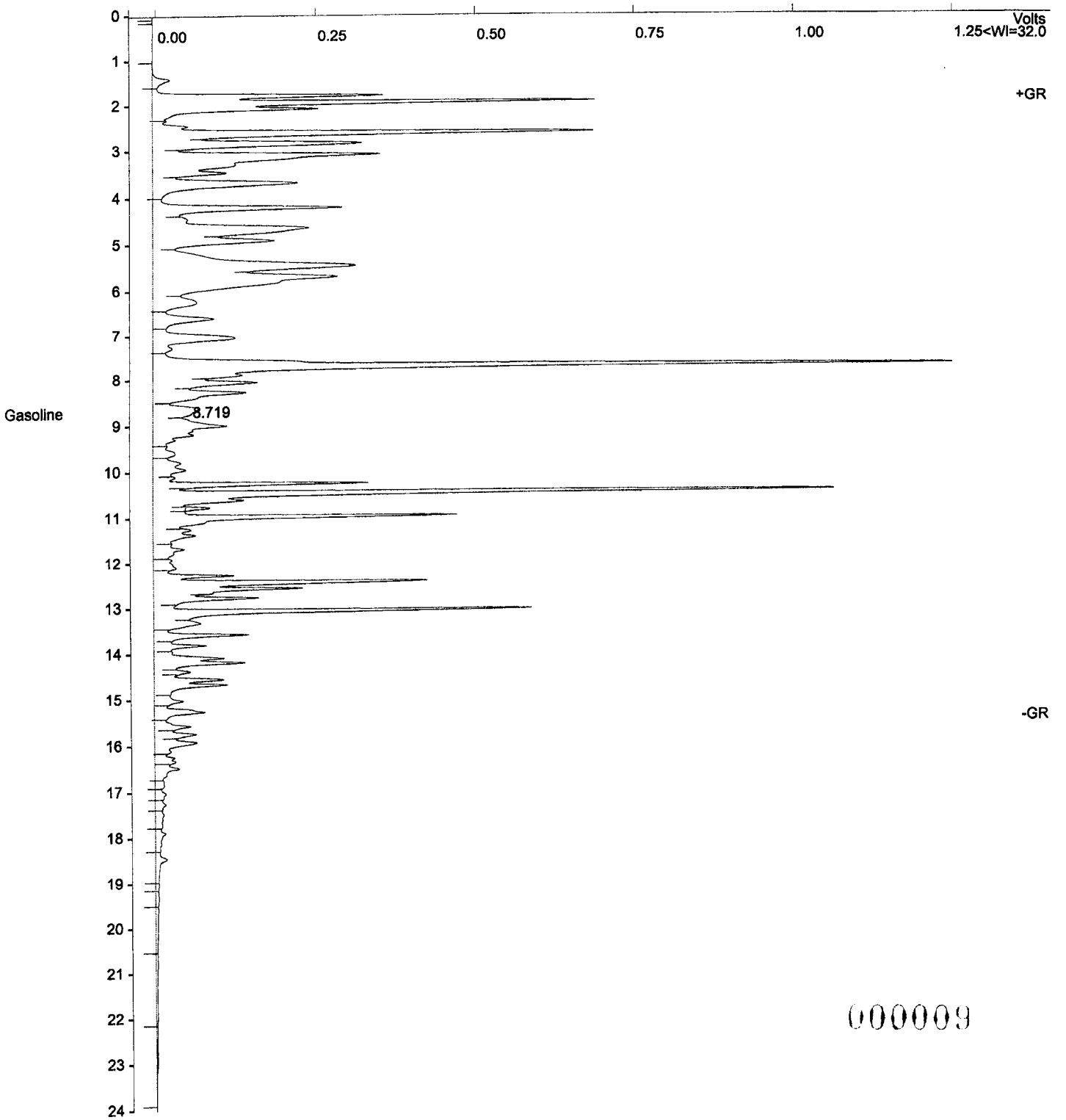
Injection Date: 11/22/02 12:02 PM Calculation Date: 11/22/02 12:26 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 593 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000009

Title :
Run File : c:\star\data\g5-11-22-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

Injection Date: 11/22/02 12:02 PM Calculation Date: 11/22/02 12:26 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.4232	8.719	0.001	9003721	GR	0.0	
	Totals:	5.4232		0.001	9003721			

Total Unidentified Counts : 472796 counts

Detected Peaks: 56 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4859 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

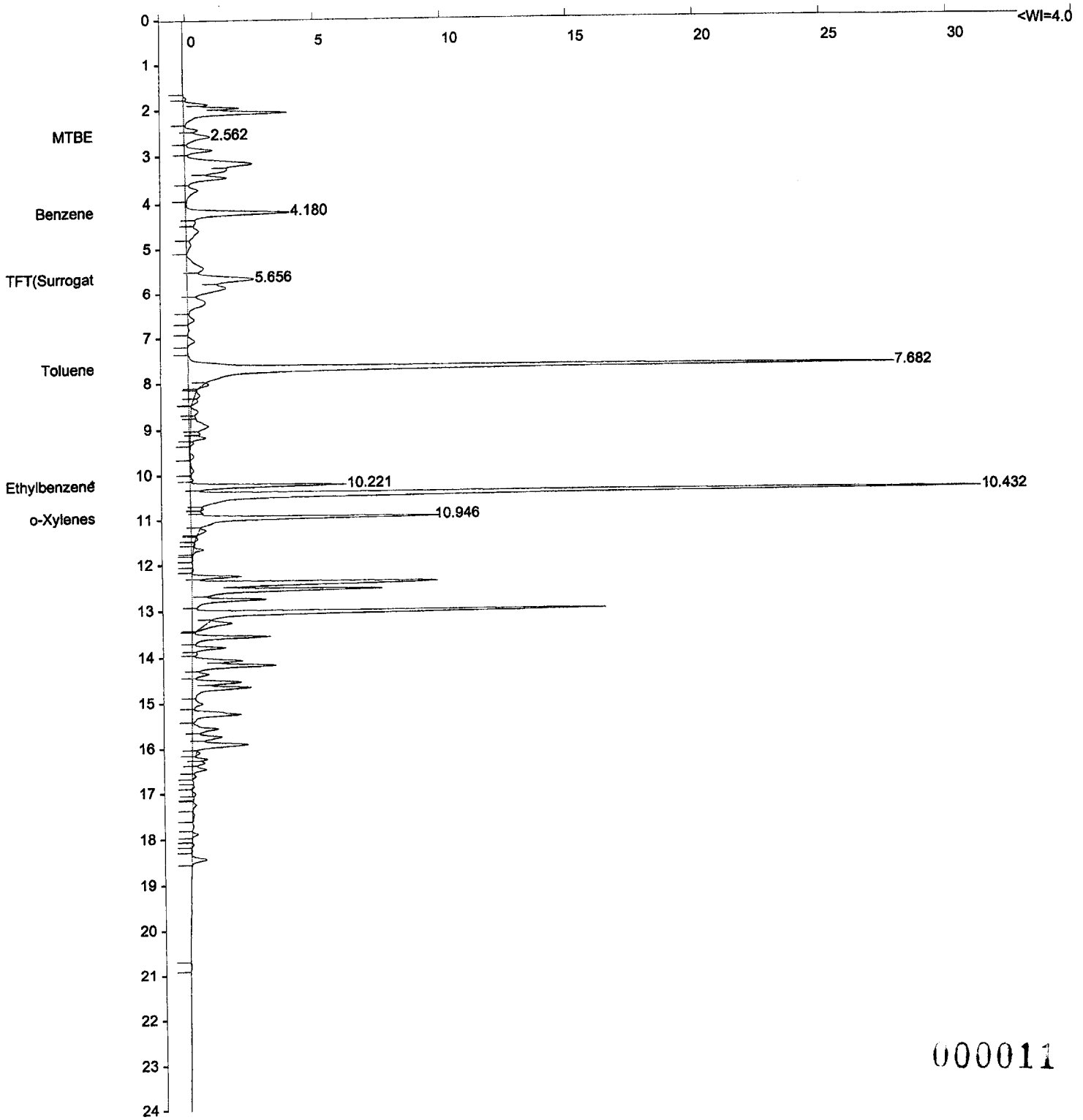
Injection Date: 11/22/02 12:02 PM Calculation Date: 11/22/02 12:26 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 14 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\data\g5-11-22-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

Injection Date: 11/22/02 12:02 PM Calculation Date: 11/22/02 12:26 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.562	0.035	835	VV	7.6	
2	Benzene	0.0000	4.180	0.006	2654	VV	5.6	
3	TFT(Surrogat	0.2684	5.656	0.025	2501	VV	10.1	C
4	Toluene	0.0000	7.682	0.024	18383	BV	4.9	
5	Ethylbenzene	0.0000	10.221	0.011	2748	VV	4.1	
6	p,m-Xylenes	0.0000	10.432	0.022	15532	VV	4.2	
7	o-Xylenes	0.0000	10.946	0.011	5443	VB	4.0	
	Totals:	0.2684		0.134	48096			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 37913 counts

Detected Peaks: 79 Rejected Peaks: 53 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -89 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

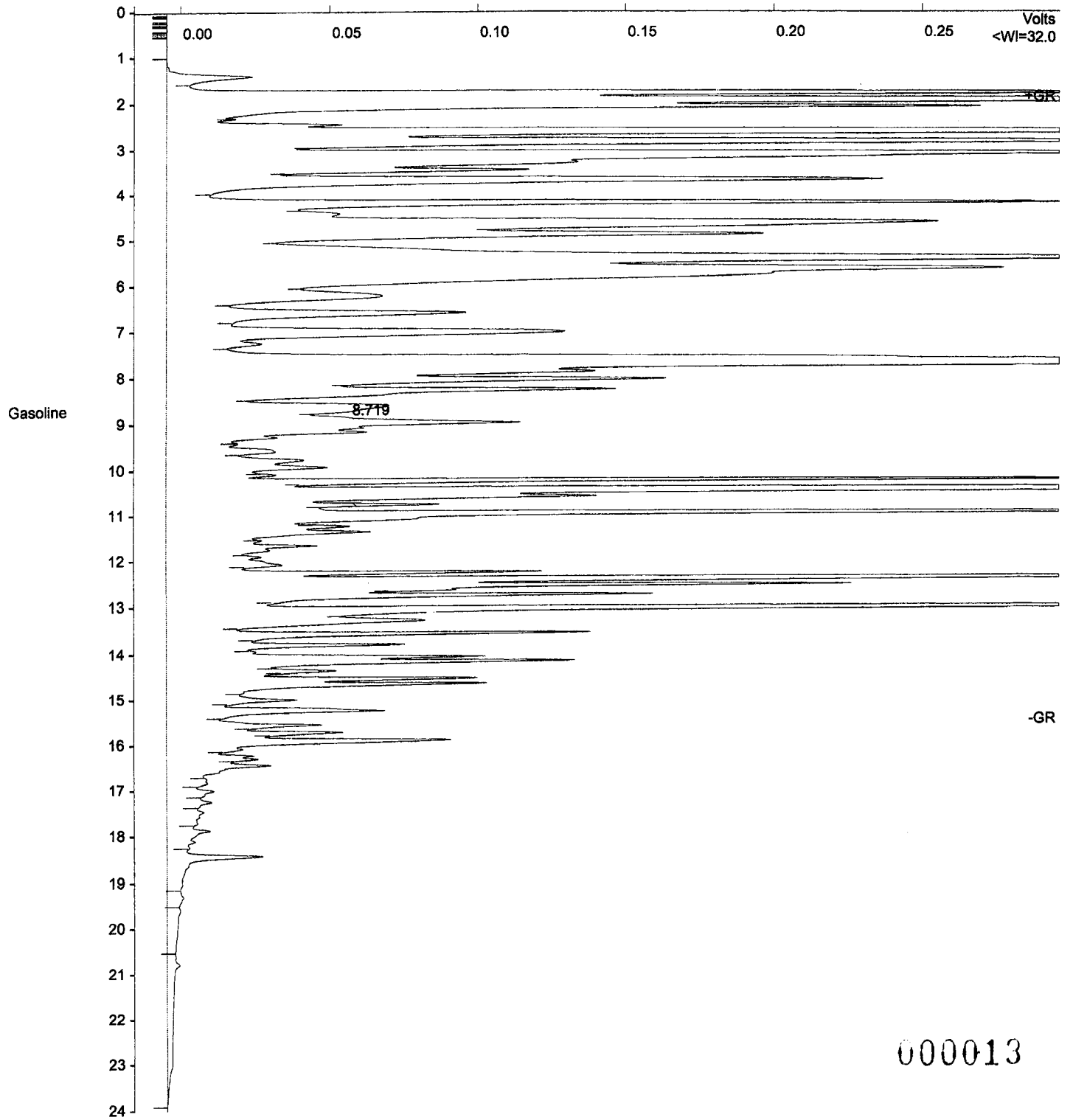
Injection Date: 11/22/02 2:01 PM Calculation Date: 11/22/02 2:25 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

Injection Date: 11/22/02 2:01 PM Calculation Date: 11/22/02 2:25 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.6238	8.719	0.001	9336652	GR	0.0	
	Totals:	5.6238		0.001	9336652			

Total Unidentified Counts : 497849 counts

Detected Peaks: 63 Rejected Peaks: 10 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4639 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

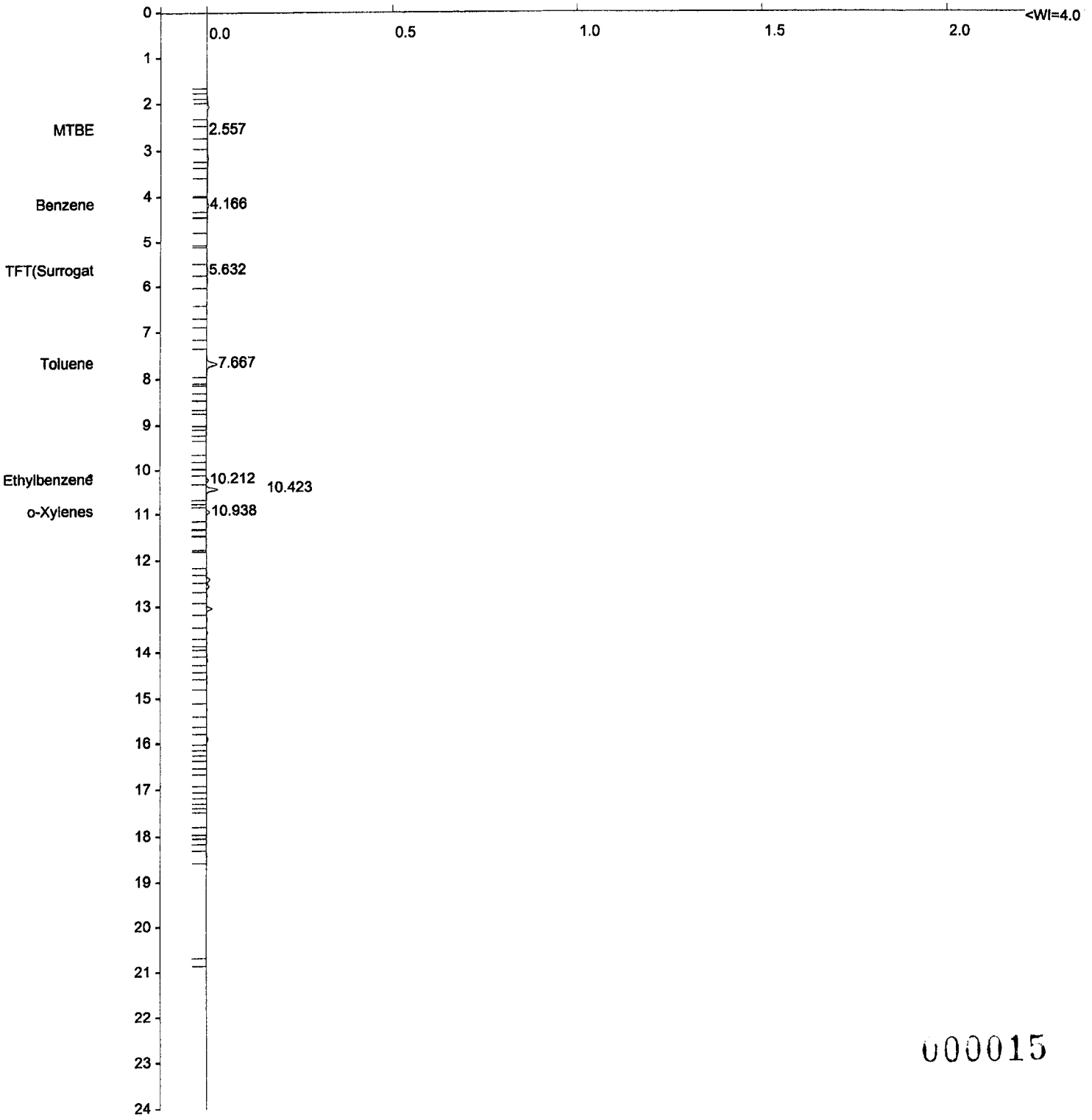
Injection Date: 11/22/02 2:01 PM Calculation Date: 11/22/02 2:25 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

Injection Date: 11/22/02 2:01 PM Calculation Date: 11/22/02 2:25 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.557	0.030	806	VV	7.4	
2	Benzene	0.0000	4.166	-0.008	2906	BB	5.5	
3	TFT(Surrogat	0.2692	5.632	0.001	2508	VV	10.1	C
4	Toluene	0.0000	7.667	0.009	18436	BB	4.9	
5	Ethylbenzene	0.0000	10.212	0.002	2704	VV	4.1	
6	p,m-Xylenes	0.0000	10.423	0.013	15319	VV	0.0	
7	o-Xylenes	0.0000	10.938	0.003	5216	VB	4.0	
	Totals:	0.2692		0.050	47895			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 39147 counts

Detected Peaks: 73 Rejected Peaks: 46 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\data\g5-11-22-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0

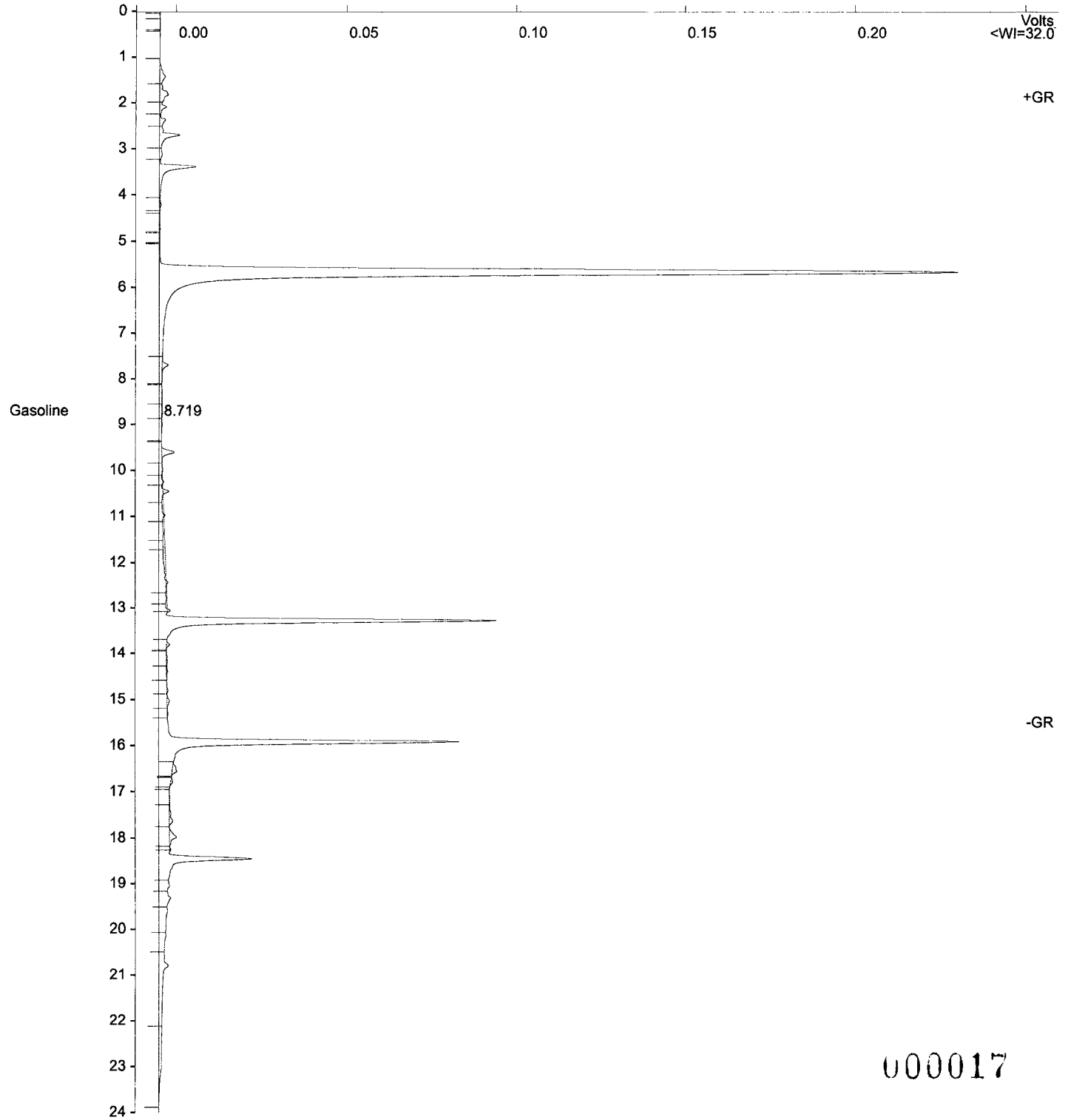
Injection Date: 11/22/02 3:59 PM Calculation Date: 11/22/02 4:23 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 111 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000017

Title :
Run File : c:\star\data\g5-11-22-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0

Injection Date: 11/22/02 3:59 PM Calculation Date: 11/22/02 4:23 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2352	8.719	0.001	390527	GR	0.0	
	Totals:	0.2352		0.001	390527			

Total Unidentified Counts : 183928 counts

Detected Peaks: 48 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4819 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0

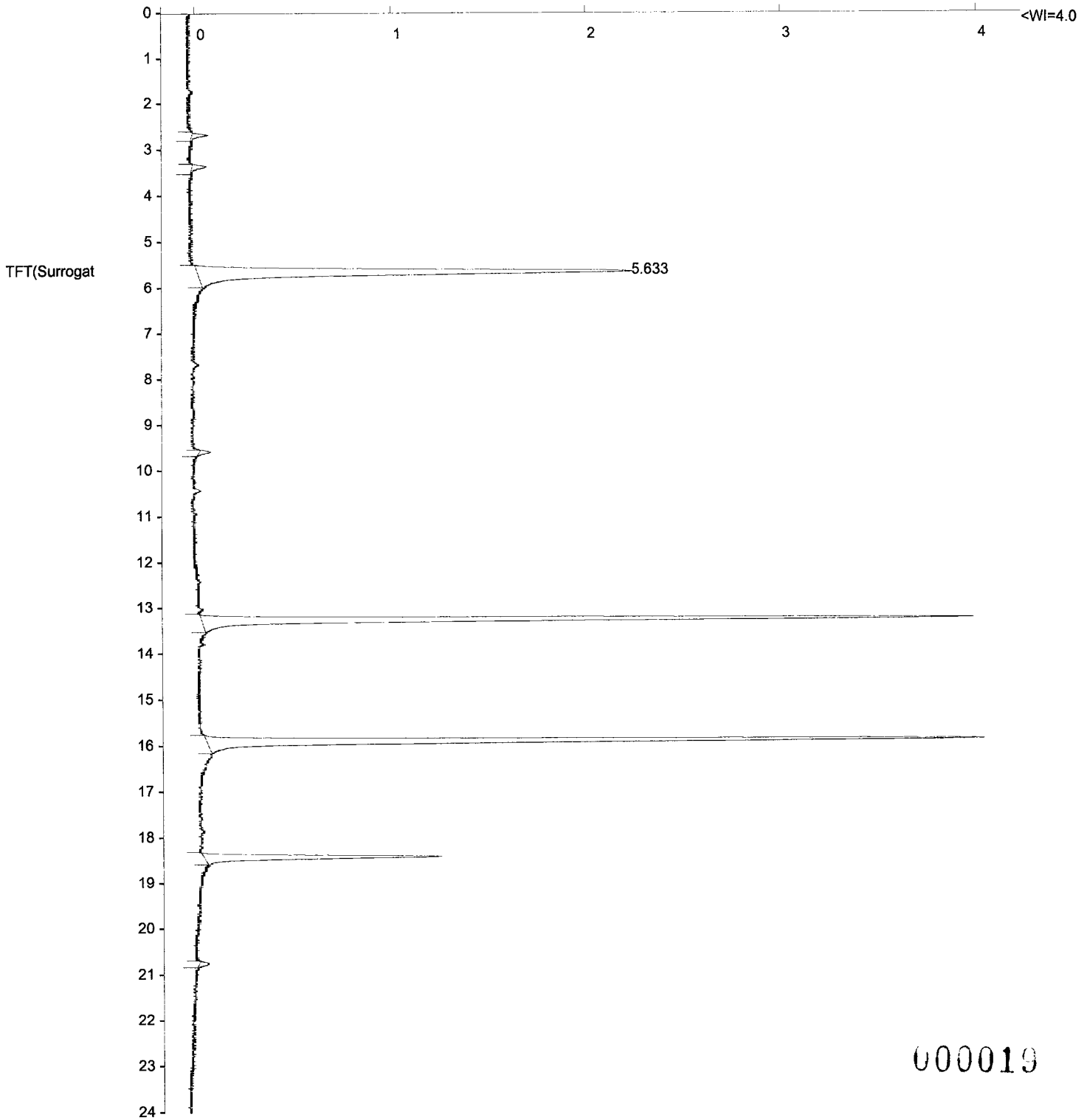
Injection Date: 11/22/02 3:59 PM Calculation Date: 11/22/02 4:23 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1 Zero Offset = 6%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000019

Title :
Run File : c:\star\data\g5-11-22-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0

Injection Date: 11/22/02 3:59 PM Calculation Date: 11/22/02 4:23 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2023	5.633	0.002	1885	BB	7.5	
	Totals:	0.2023		0.002	1885			

Total Unidentified Counts : 4351 counts

Detected Peaks: 8 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -19 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1010.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-561-5.0

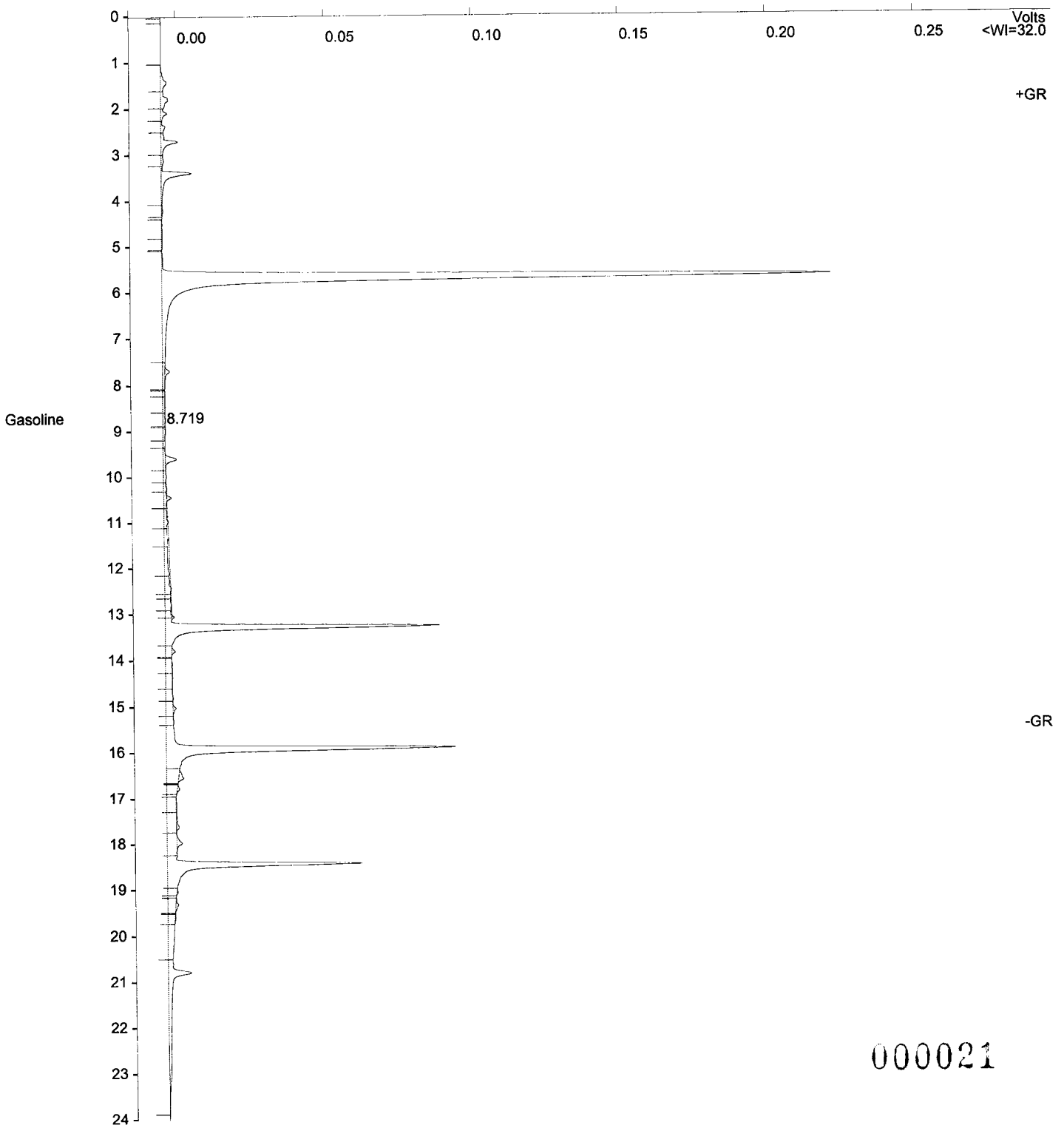
Injection Date: 11/22/02 4:39 PM Calculation Date: 11/22/02 5:03 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1010.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-561-5.0

Injection Date: 11/22/02 4:39 PM Calculation Date: 11/22/02 5:03 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2207	8.719	0.001	366477	GR	0.0	
	Totals:	0.2207		0.001	366477			

Total Unidentified Counts : 217774 counts

Detected Peaks: 46 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4829 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1010.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-561-5.0

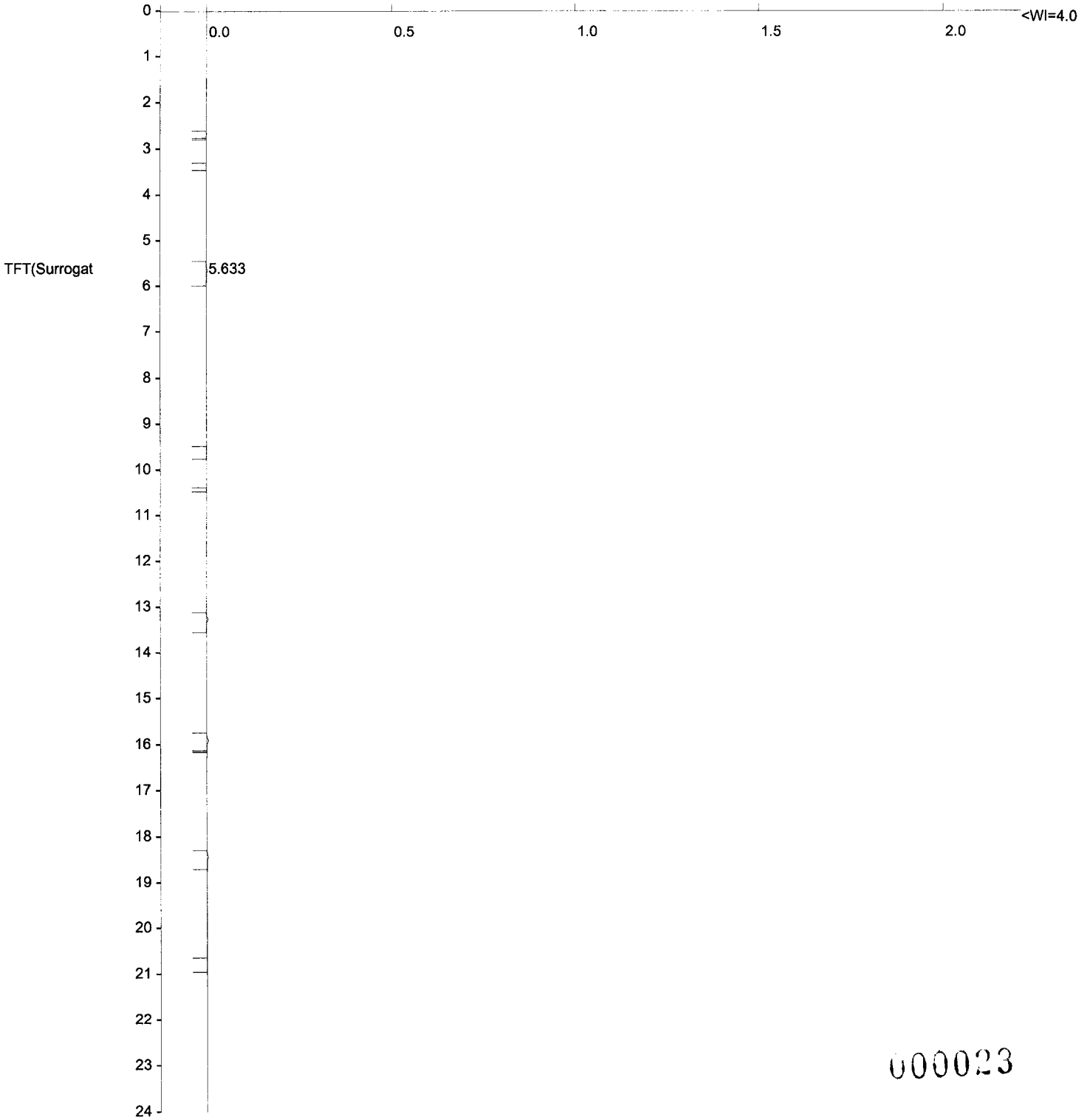
Injection Date: 11/22/02 4:39 PM Calculation Date: 11/22/02 5:03 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000023

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1010.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-561-5.0

Injection Date: 11/22/02 4:39 PM Calculation Date: 11/22/02 5:03 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1942	5.633	0.002	1810	BB	7.6	
	Totals:	0.1942		0.002	1810			

Total Unidentified Counts : 6270 counts

Detected Peaks: 11 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -19 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-562-5.0

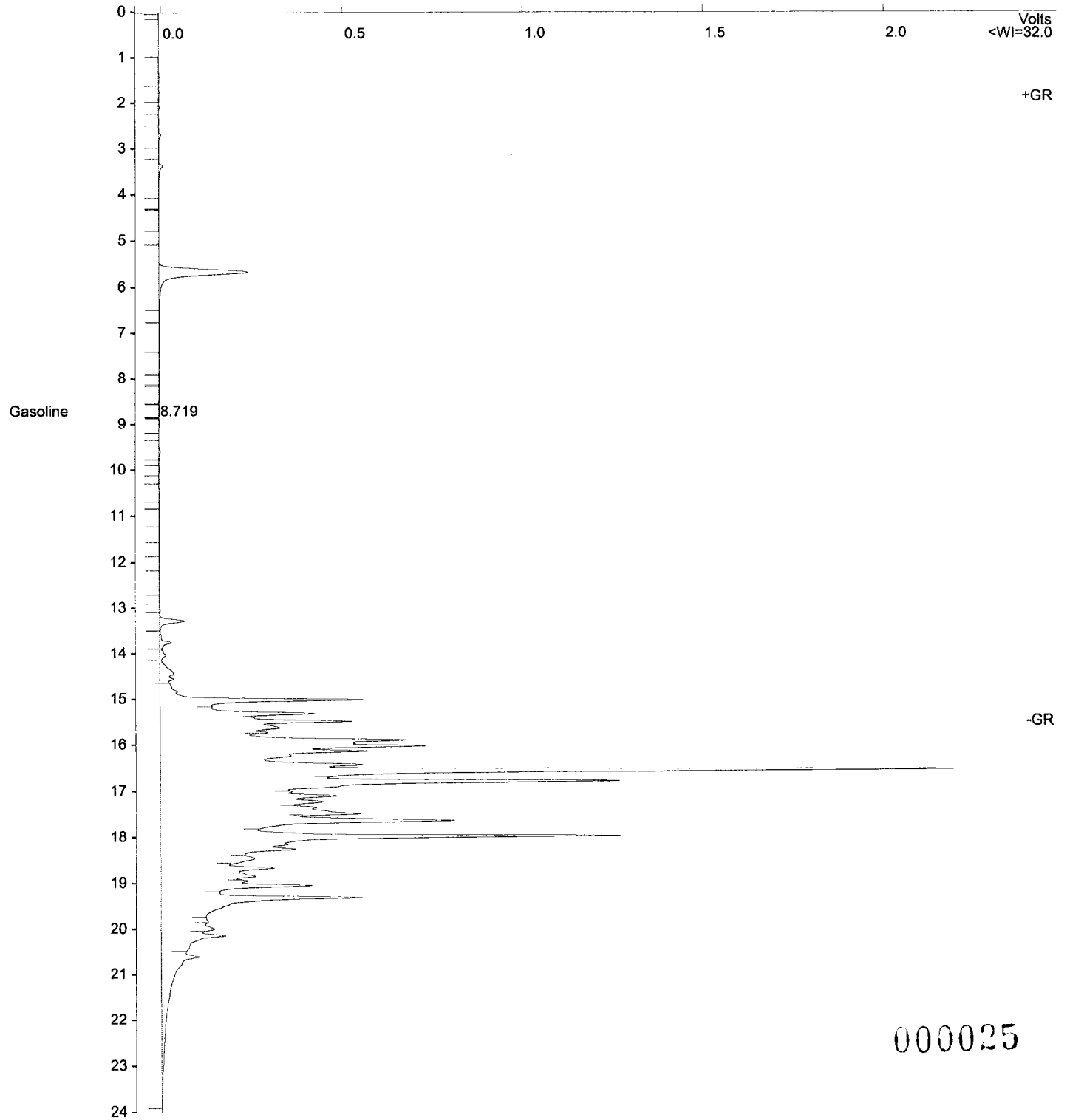
Injection Date: 11/22/02 5:18 PM Calculation Date: 11/22/02 5:42 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1043 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000025

Title :
Run File : c:\star\data\g5-11-22-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-562-5.0

Injection Date: 11/22/02 5:18 PM Calculation Date: 11/22/02 5:42 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	1.1244	8.719	0.001	1866727	GR	0.0	
	Totals:	1.1244		0.001	1866727			

Total Unidentified Counts : 10773656 counts

Detected Peaks: 56 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4799 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-562-5.0

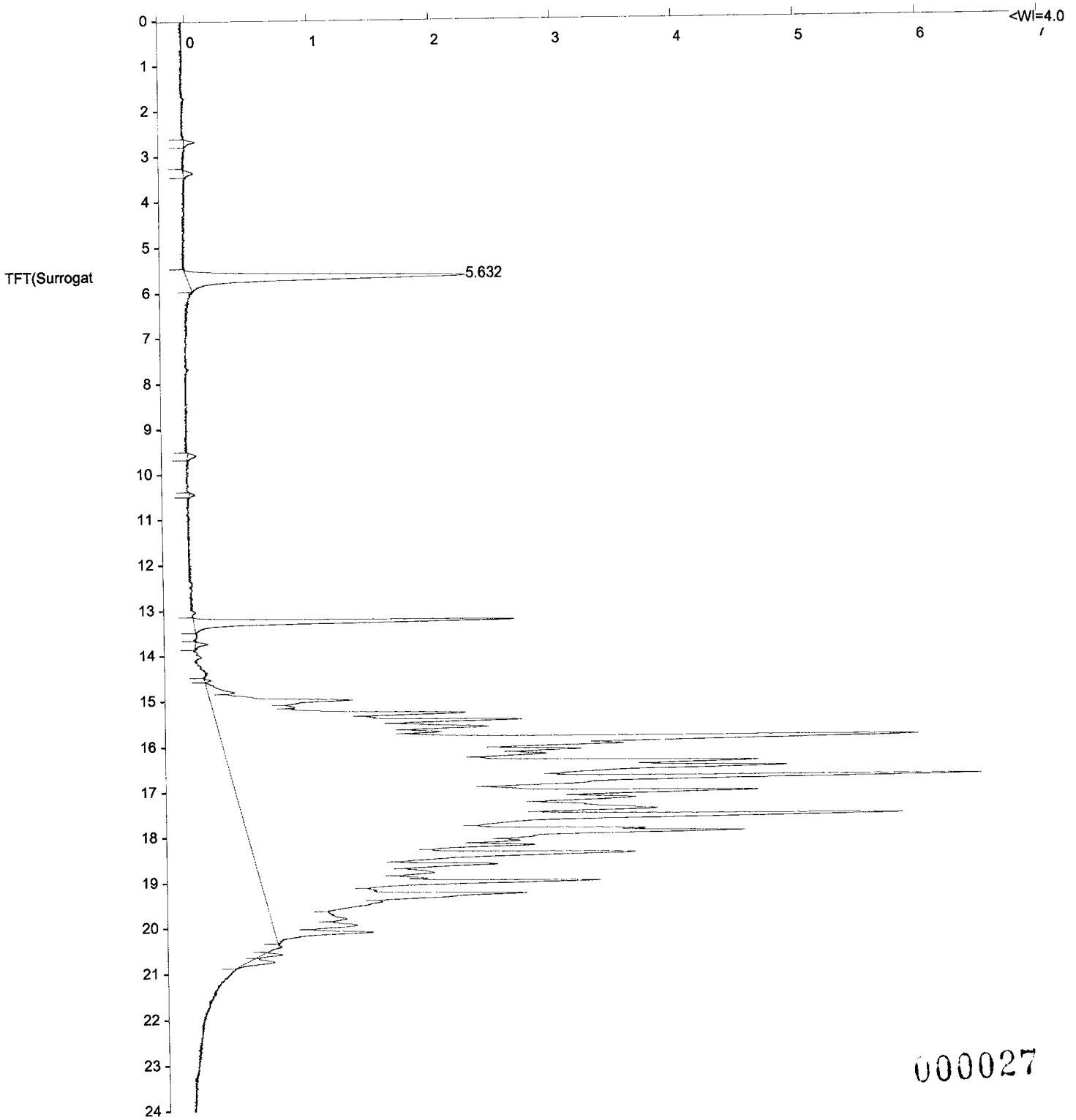
Injection Date: 11/22/02 5:18 PM Calculation Date: 11/22/02 5:42 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 3 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000027

Title :
Run File : c:\star\data\g5-11-22-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-562-5.0

Injection Date: 11/22/02 5:18 PM Calculation Date: 11/22/02 5:42 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2042	5.632	0.001	1902	BB	7.5	
	Totals:	0.2042		0.001	1902			

Total Unidentified Counts : 65406 counts

Detected Peaks: 42 Rejected Peaks: 14 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

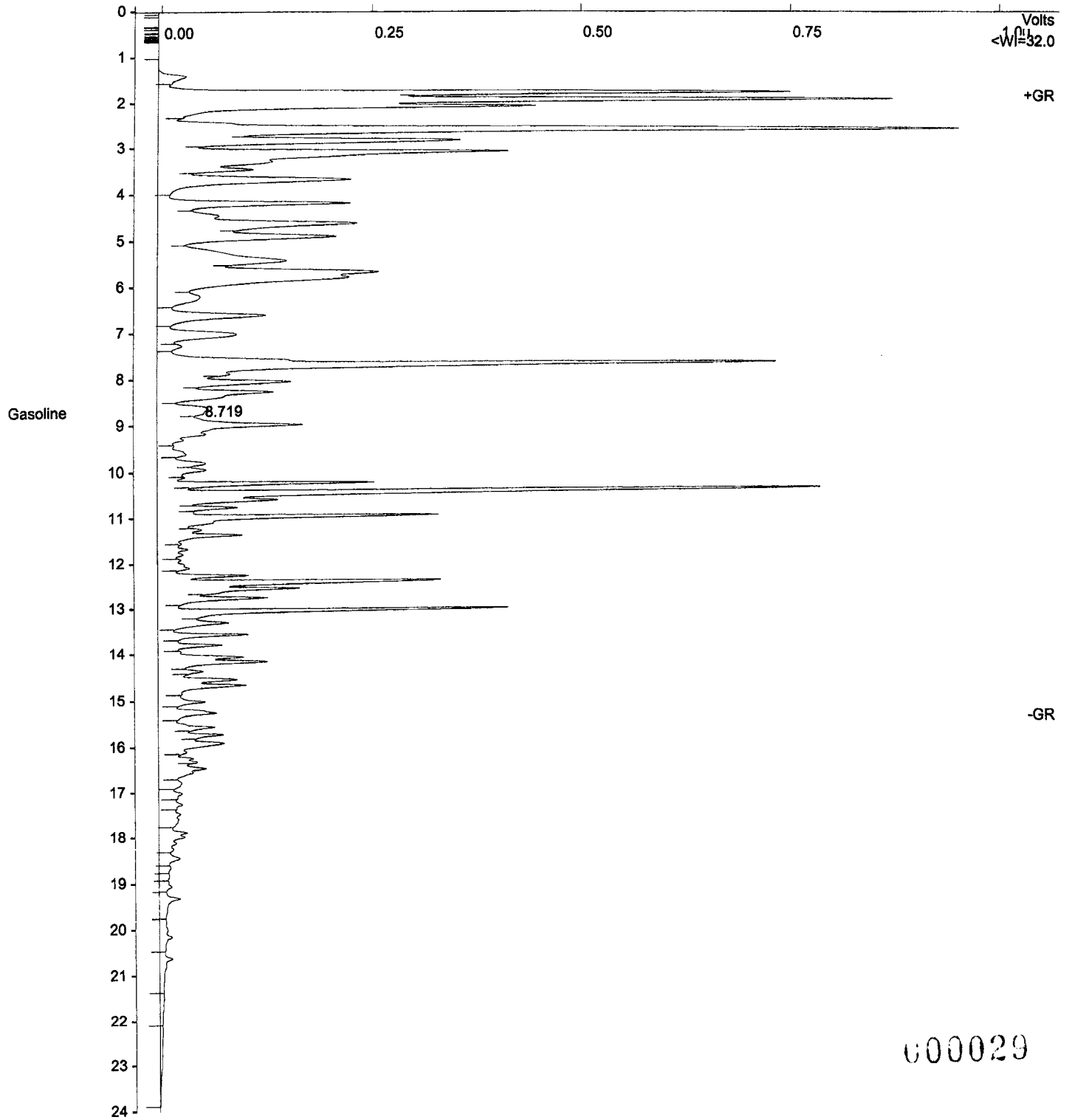
Injection Date: 11/22/02 5:58 PM Calculation Date: 11/22/02 6:22 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 452 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\data\g5-11-22-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/22/02 5:58 PM Calculation Date: 11/22/02 6:22 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.0205	8.719	0.001	8335167	GR	0.0	
	Totals:	5.0205		0.001	8335167			

Total Unidentified Counts : 1217997 counts

Detected Peaks: 74 Rejected Peaks: 13 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4199 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

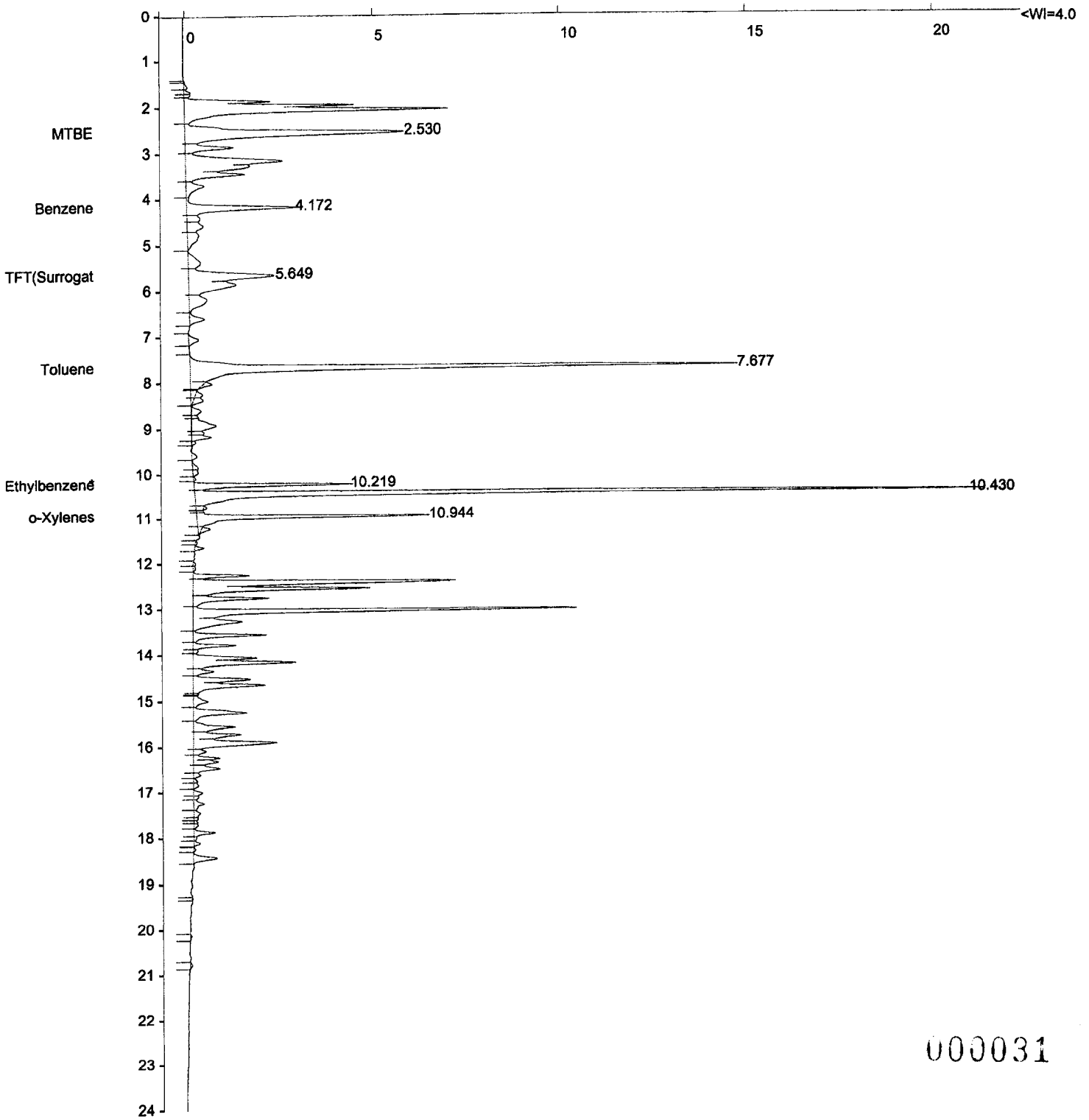
Injection Date: 11/22/02 5:58 PM Calculation Date: 11/22/02 6:22 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 10 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000031

Title :
Run File : c:\star\data\g5-11-22-02-1012.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/22/02 5:58 PM Calculation Date: 11/22/02 6:22 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.530	0.003	5167	VV	7.3	
2	Benzene	0.0000	4.172	-0.002	1966	VV	5.9	
3	TFT(Surrogat	0.2300	5.649	0.018	2143	VV	9.9	C
4	Toluene	0.0000	7.677	0.019	9928	BP	5.0	
5	Ethylbenzene	0.0000	10.219	0.009	1882	VV	4.1	
6	p,m-Xylenes	0.0000	10.430	0.020	10312	VV	0.0	
7	o-Xylenes	0.0000	10.944	0.009	3036	VB	4.0	
	Totals:	0.2300		0.076	34434			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 31873 counts

Detected Peaks: 89 Rejected Peaks: 64 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\data\g5-11-22-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-563-5.0

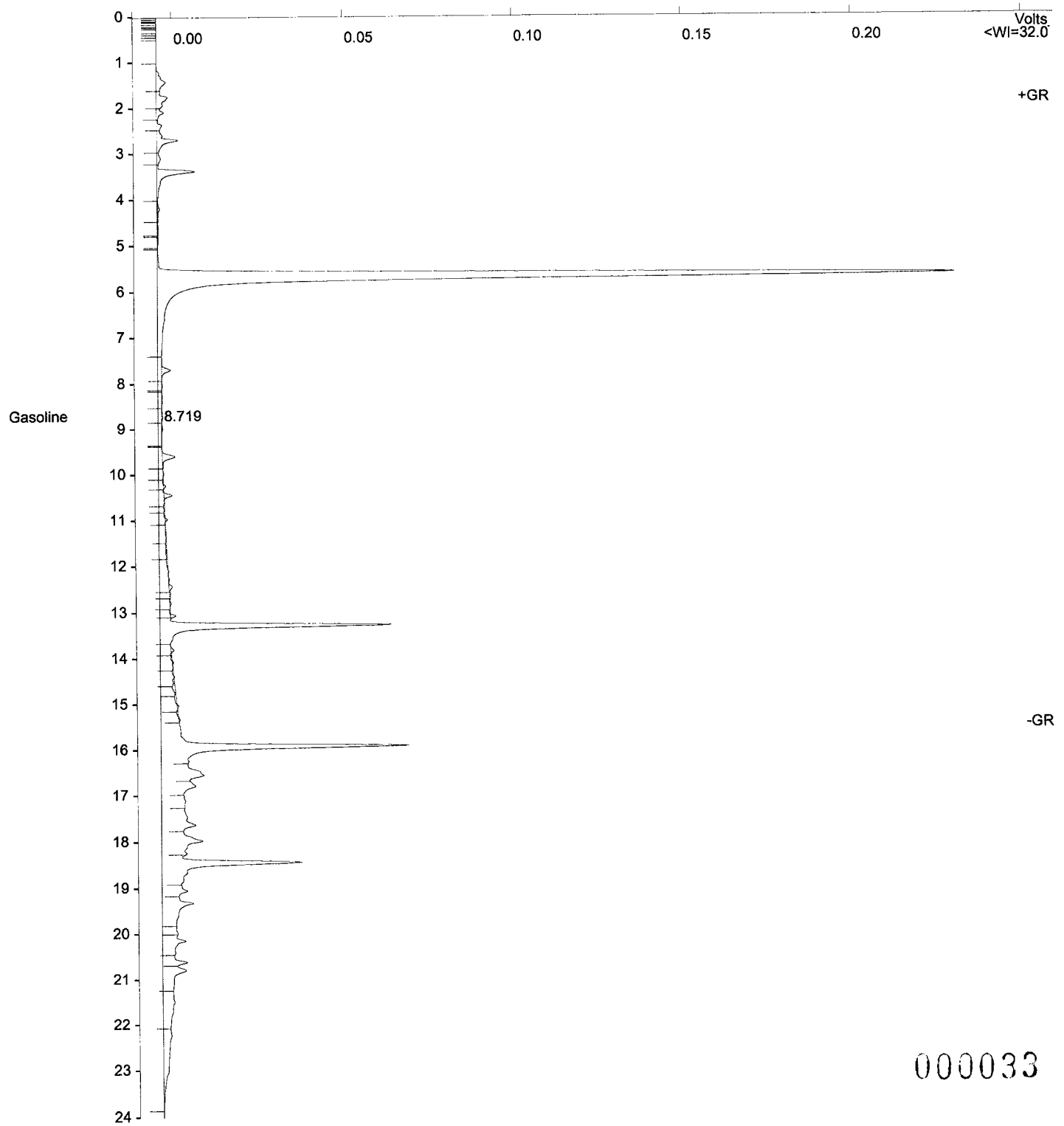
Injection Date: 11/22/02 6:37 PM Calculation Date: 11/22/02 7:01 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 111 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\data\g5-11-22-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-563-5.0

Injection Date: 11/22/02 6:37 PM Calculation Date: 11/22/02 7:01 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2457	8.719	0.001	407838	GR	0.0	
	Totals:	0.2457		0.001	407838			

Total Unidentified Counts : 316186 counts

Detected Peaks: 60 Rejected Peaks: 10 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4429 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-563-5.0

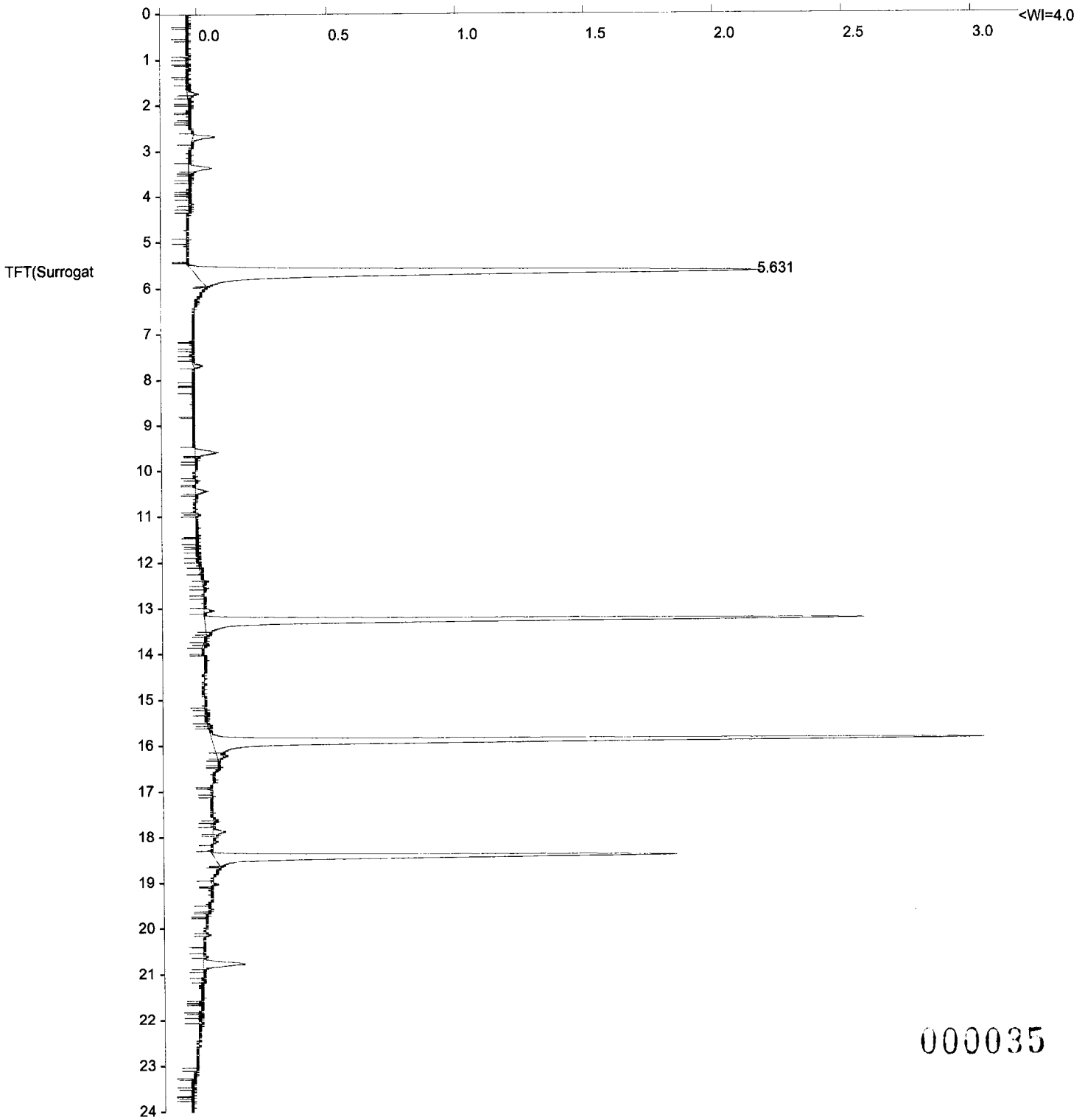
Injection Date: 11/22/02 6:37 PM Calculation Date: 11/22/02 7:01 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000035

Title :
Run File : c:\star\data\g5-11-22-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-563-5.0

Injection Date: 11/22/02 6:37 PM Calculation Date: 11/22/02 7:01 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1984	5.631	-0.000	1849	PB	7.6	
	Totals:	0.1984		0.000	1849			

Total Unidentified Counts : 4131 counts

Detected Peaks: 110 Rejected Peaks: 106 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-564-5.0

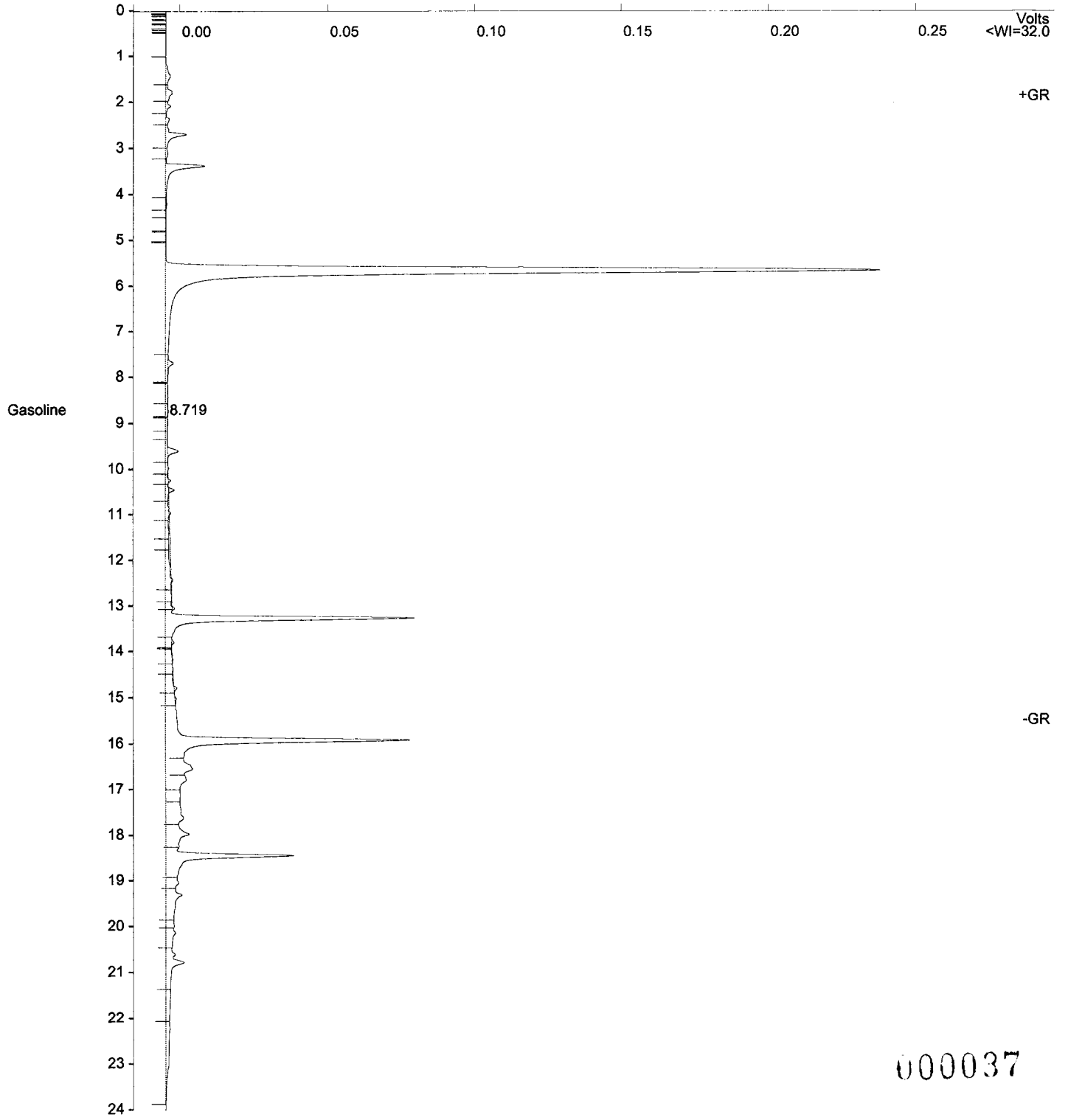
Injection Date: 11/22/02 7:17 PM Calculation Date: 11/22/02 7:41 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000037

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-564-5.0

Injection Date: 11/22/02 7:17 PM Calculation Date: 11/22/02 7:41 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2301	8.719	0.001	382075	GR	0.0	
	Totals:	0.2301		0.001	382075			

Total Unidentified Counts : 244332 counts

Detected Peaks: 55 Rejected Peaks: 10 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4669 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-564-5.0

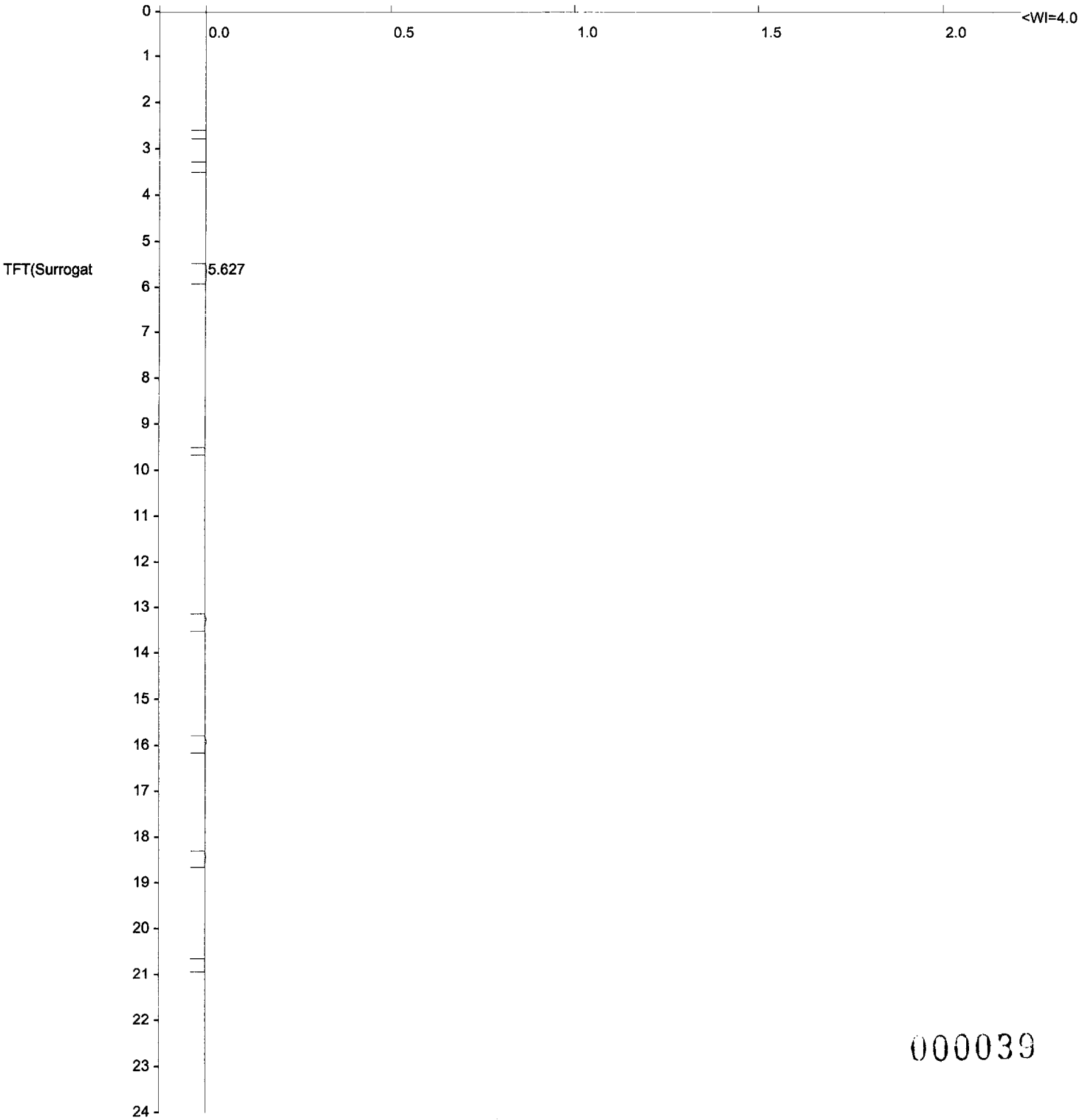
Injection Date: 11/22/02 7:17 PM Calculation Date: 11/22/02 7:41 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000039

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-564-5.0

Injection Date: 11/22/02 7:17 PM Calculation Date: 11/22/02 7:41 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1977	5.627	-0.004	1842	BB	7.6	
	Totals:	0.1977		-0.004	1842			

Total Unidentified Counts : 4809 counts

Detected Peaks: 8 Rejected Peaks: 4 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1015.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-565-5.0

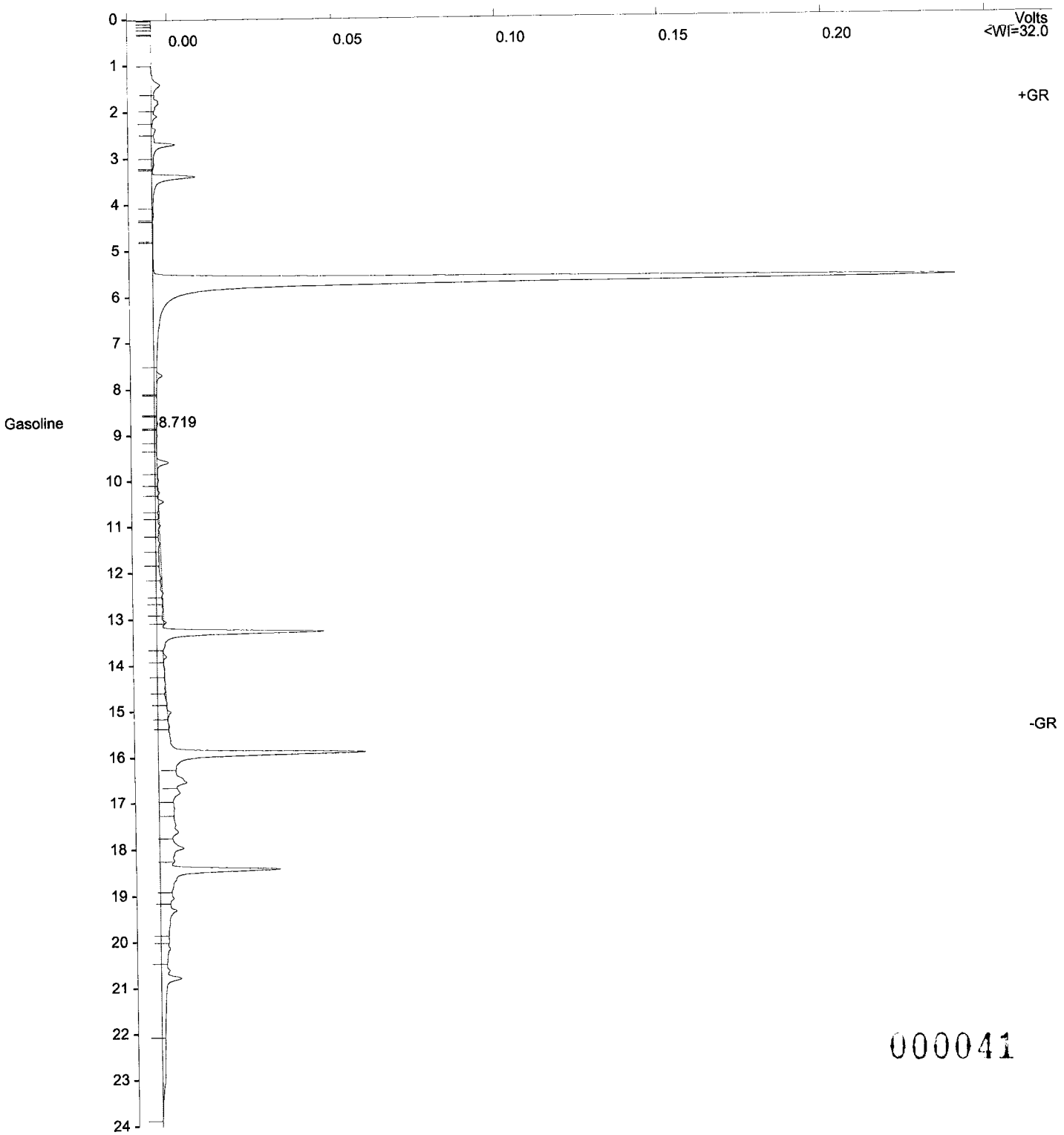
Injection Date: 11/22/02 7:56 PM Calculation Date: 11/22/02 8:20 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 115 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000041

Title :
Run File : c:\star\data\g5-11-22-02-1015.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-565-5.0

Injection Date: 11/22/02 7:56 PM Calculation Date: 11/22/02 8:20 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2160	8.719	0.001	358636	GR	0.0	
	Totals:	0.2160		0.001	358636			

Total Unidentified Counts : 210142 counts

Detected Peaks: 51 Rejected Peaks: 4 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4729 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1015.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-565-5.0

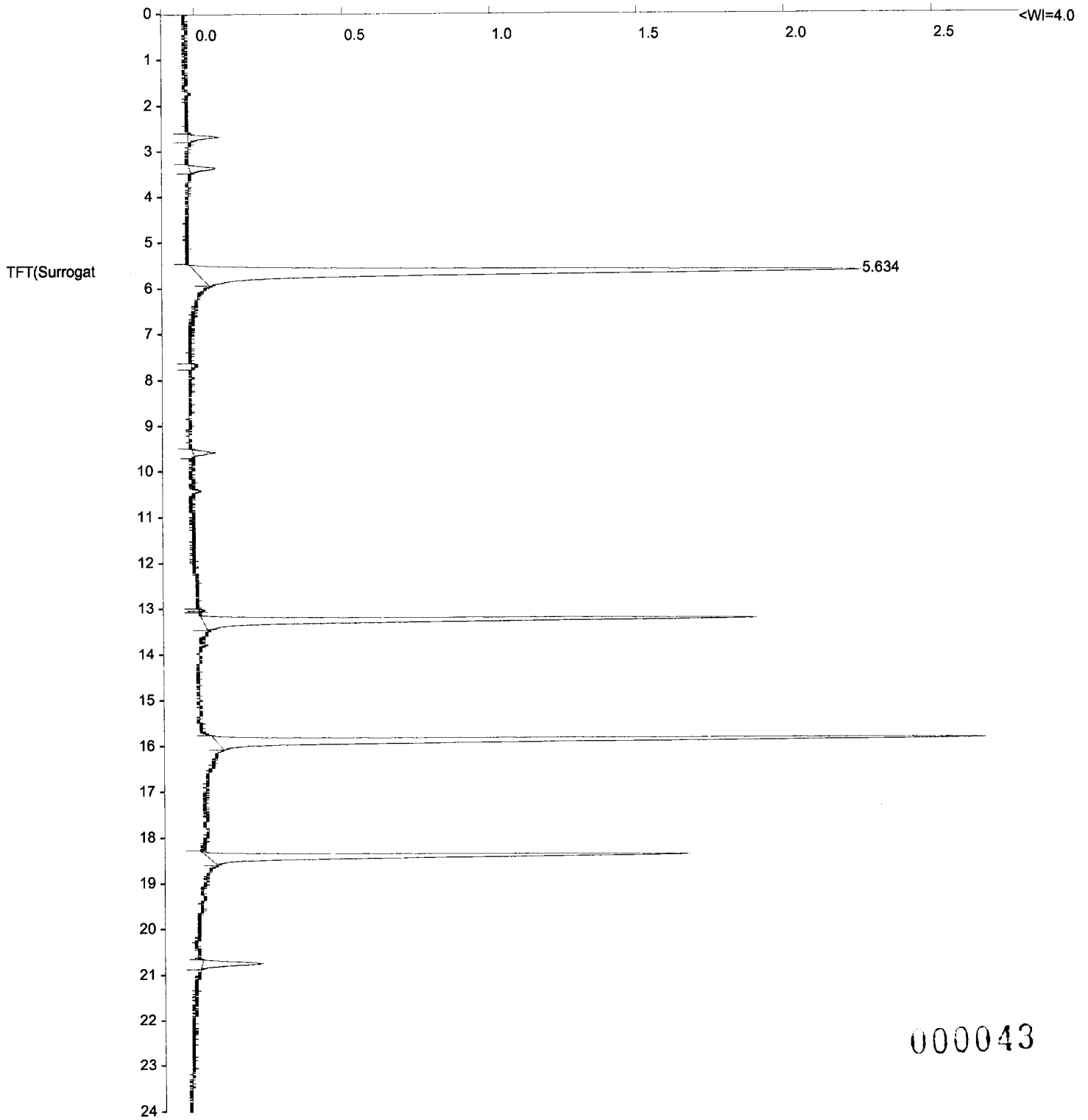
Injection Date: 11/22/02 7:56 PM Calculation Date: 11/22/02 8:20 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\data\g5-11-22-02-1015.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-565-5.0

Injection Date: 11/22/02 7:56 PM Calculation Date: 11/22/02 8:20 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2006	5.634	0.003	1869	BB	7.5	
	Totals:	0.2006		0.003	1869			

Total Unidentified Counts : 3292 counts

Detected Peaks: 11 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-567-5.0

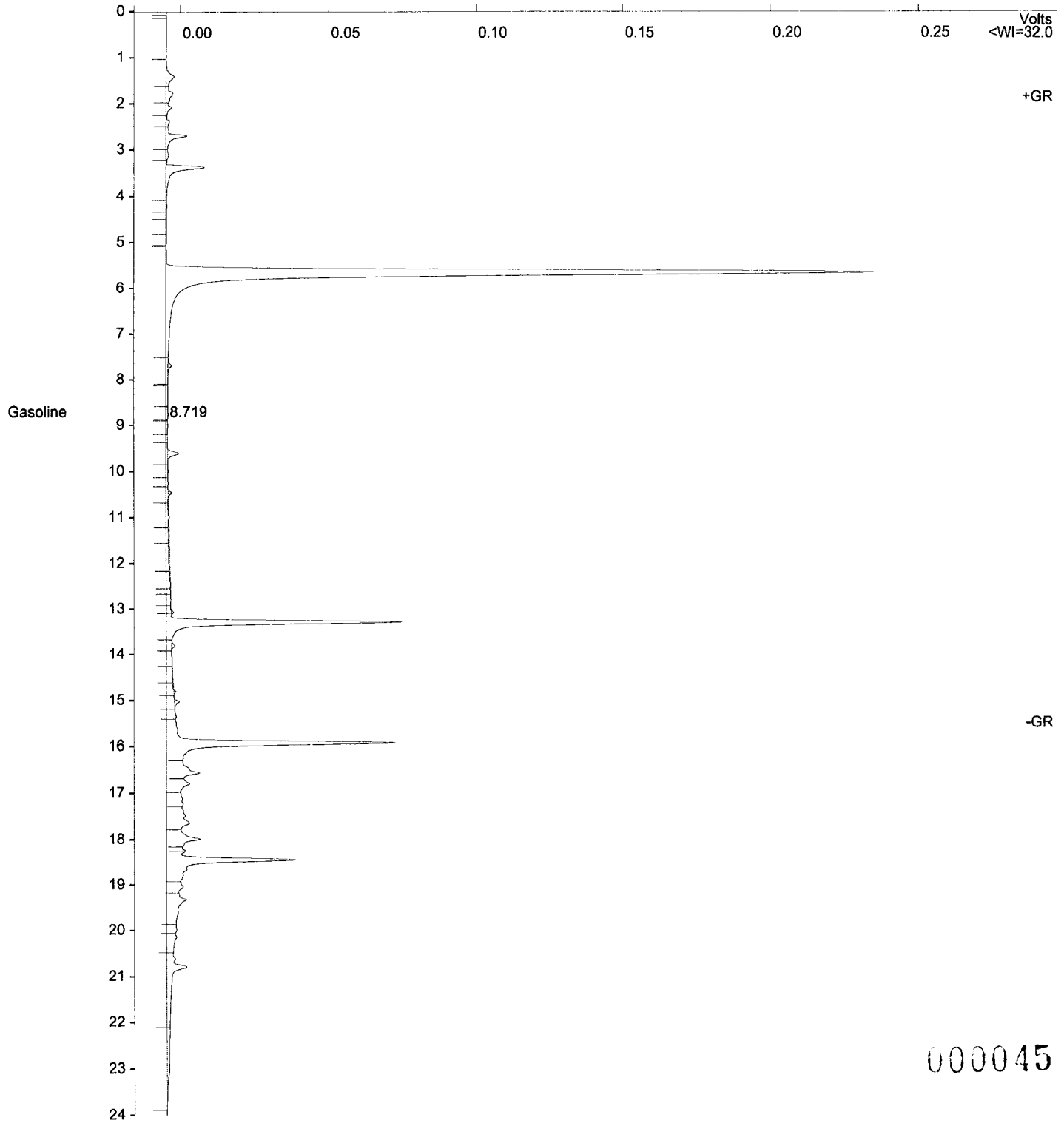
Injection Date: 11/22/02 8:35 PM Calculation Date: 11/22/02 8:59 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-567-5.0

Injection Date: 11/22/02 8:35 PM Calculation Date: 11/22/02 8:59 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2198	8.719	0.001	364954	GR	0.0	
	Totals:	0.2198		0.001	364954			

Total Unidentified Counts : 250000 counts

Detected Peaks: 48 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4749 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-567-5.0

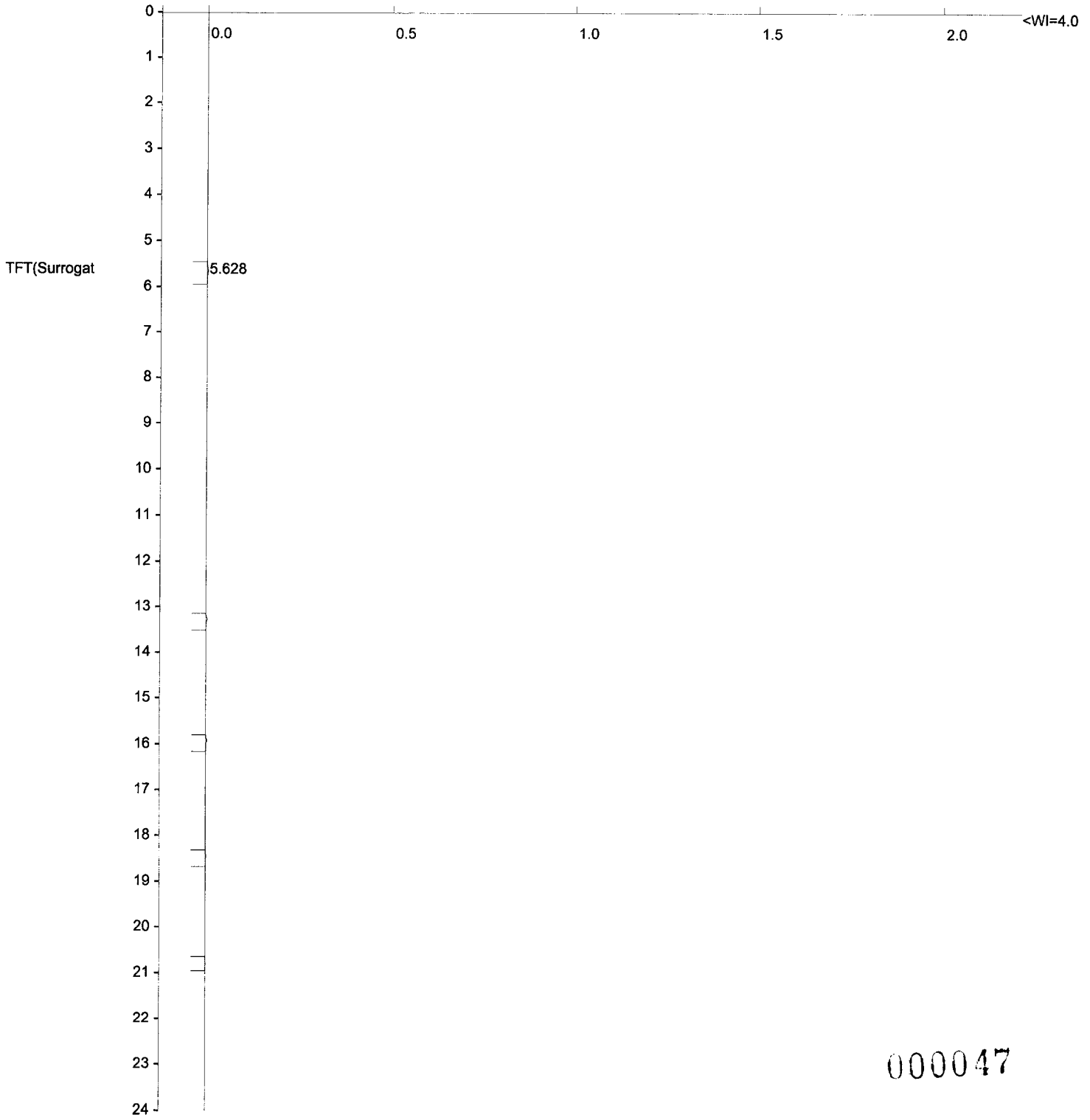
Injection Date: 11/22/02 8:35 PM Calculation Date: 11/22/02 8:59 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000047

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1016.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-567-5.0

Injection Date: 11/22/02 8:35 PM Calculation Date: 11/22/02 8:59 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1977	5.628	-0.003	1842	BB	7.7	
	Totals:	0.1977		-0.003	1842			

Total Unidentified Counts : 4419 counts

Detected Peaks: 5 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1017.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 120529-569-5.0

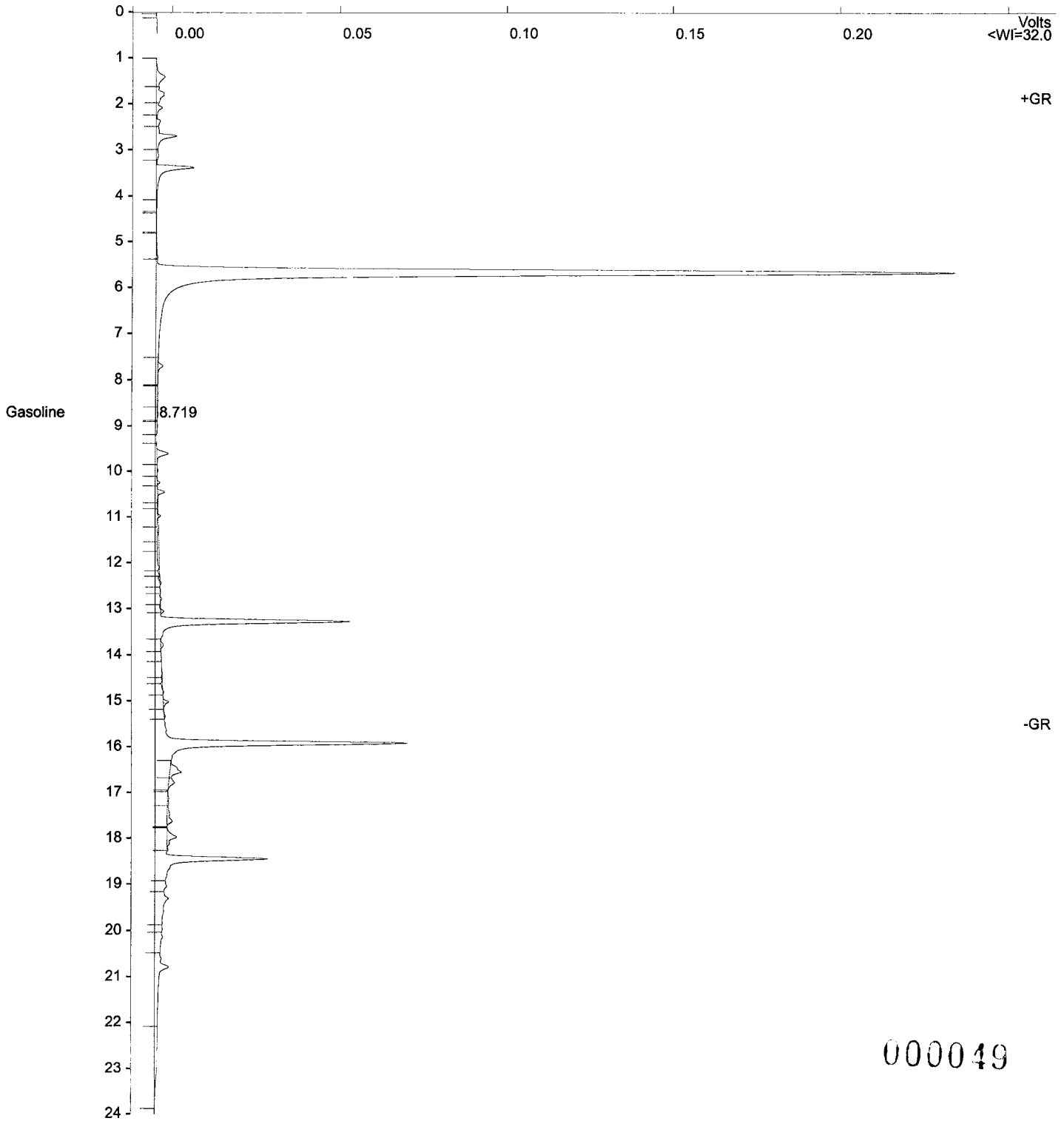
Injection Date: 11/22/02 9:15 PM Calculation Date: 11/22/02 9:39 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 113 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\data\g5-11-22-02-1017.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 120529-569-5.0

Injection Date: 11/22/02 9:15 PM Calculation Date: 11/22/02 9:39 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2105	8.719	0.001	349464	GR	0.0	
	Totals:	0.2105		0.001	349464			

Total Unidentified Counts : 198602 counts

Detected Peaks: 51 Rejected Peaks: 2 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4759 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1017.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 120529-569-5.0

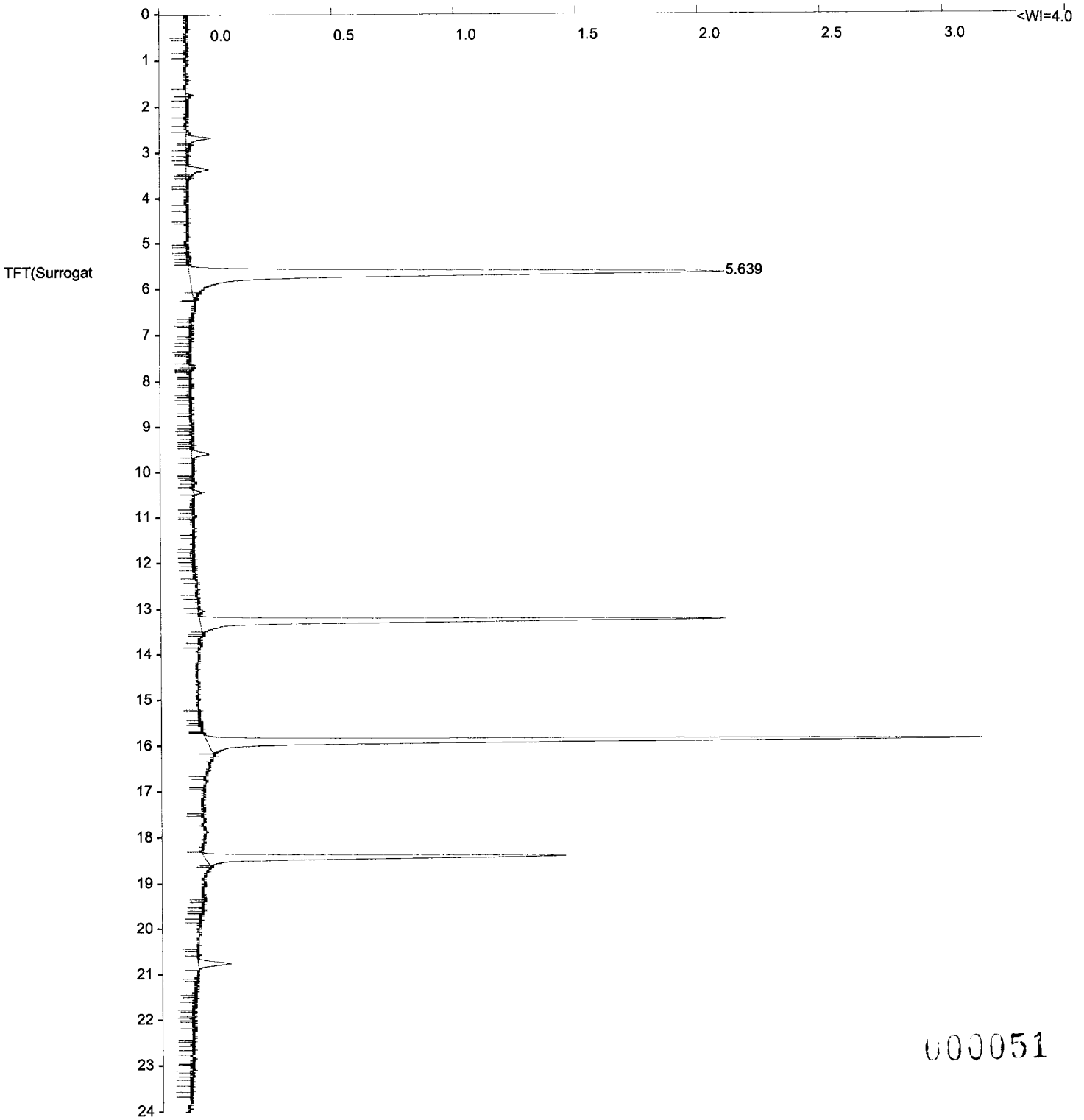
Injection Date: 11/22/02 9:15 PM Calculation Date: 11/22/02 9:39 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1 Zero Offset = 8%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title :
Run File : c:\star\data\g5-11-22-02-1017.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 120529-569-5.0

Injection Date: 11/22/02 9:15 PM Calculation Date: 11/22/02 9:39 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2092	5.639	0.008	1949	VB	7.6	
	Totals:	0.2092		0.008	1949			

Total Unidentified Counts : 2946 counts

Detected Peaks: 115 Rejected Peaks: 112 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1018.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-570-5.0

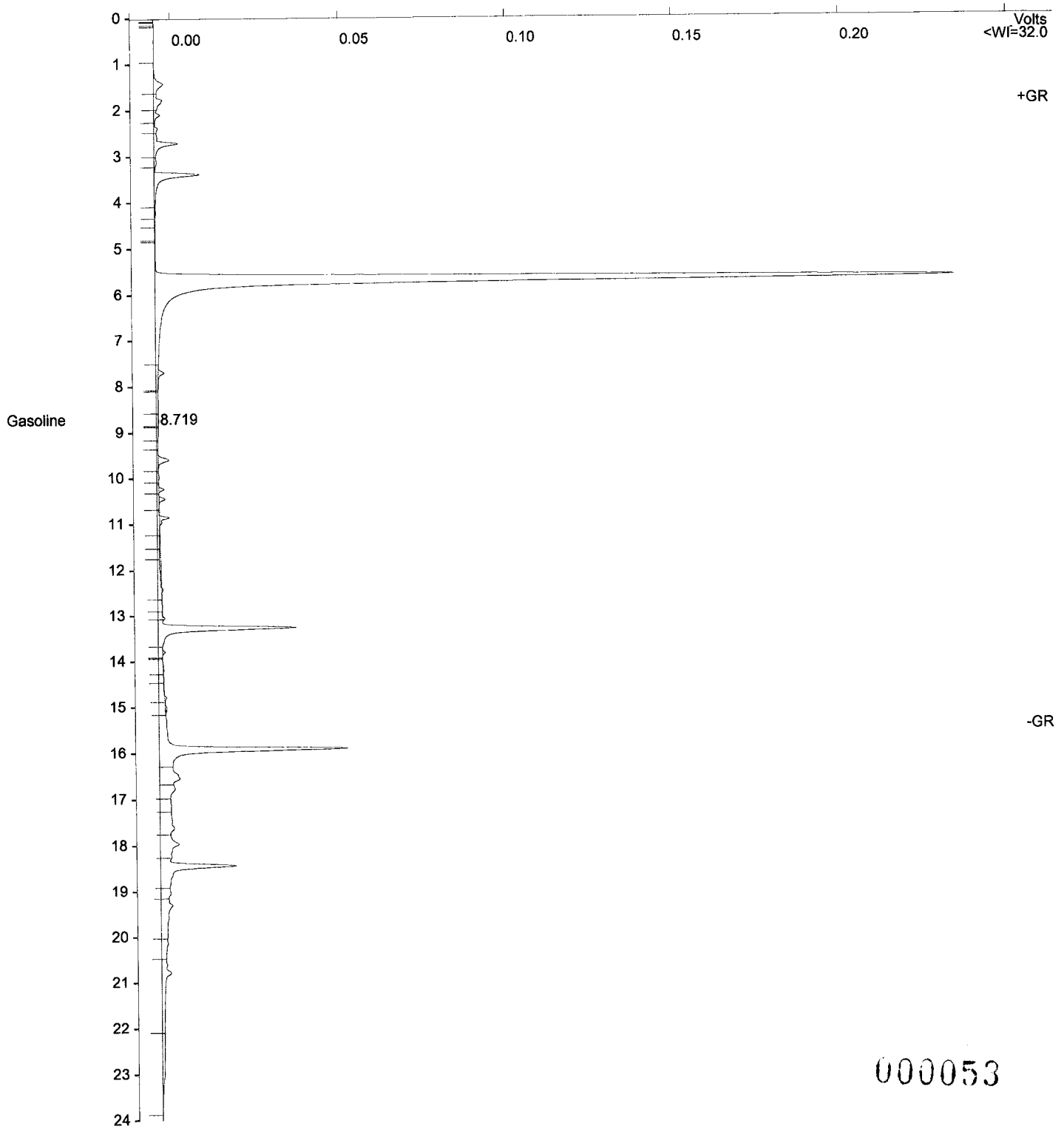
Injection Date: 11/22/02 9:55 PM Calculation Date: 11/22/02 10:19 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 113 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000053

Title :
Run File : c:\star\data\g5-11-22-02-1018.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-570-5.0

Injection Date: 11/22/02 9:55 PM Calculation Date: 11/22/02 10:19 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.1982	8.719	0.001	328974	GR	0.0	
	Totals:	0.1982		0.001	328974			

Total Unidentified Counts : 164117 counts

Detected Peaks: 45 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4779 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-22-02-1018.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-570-5.0

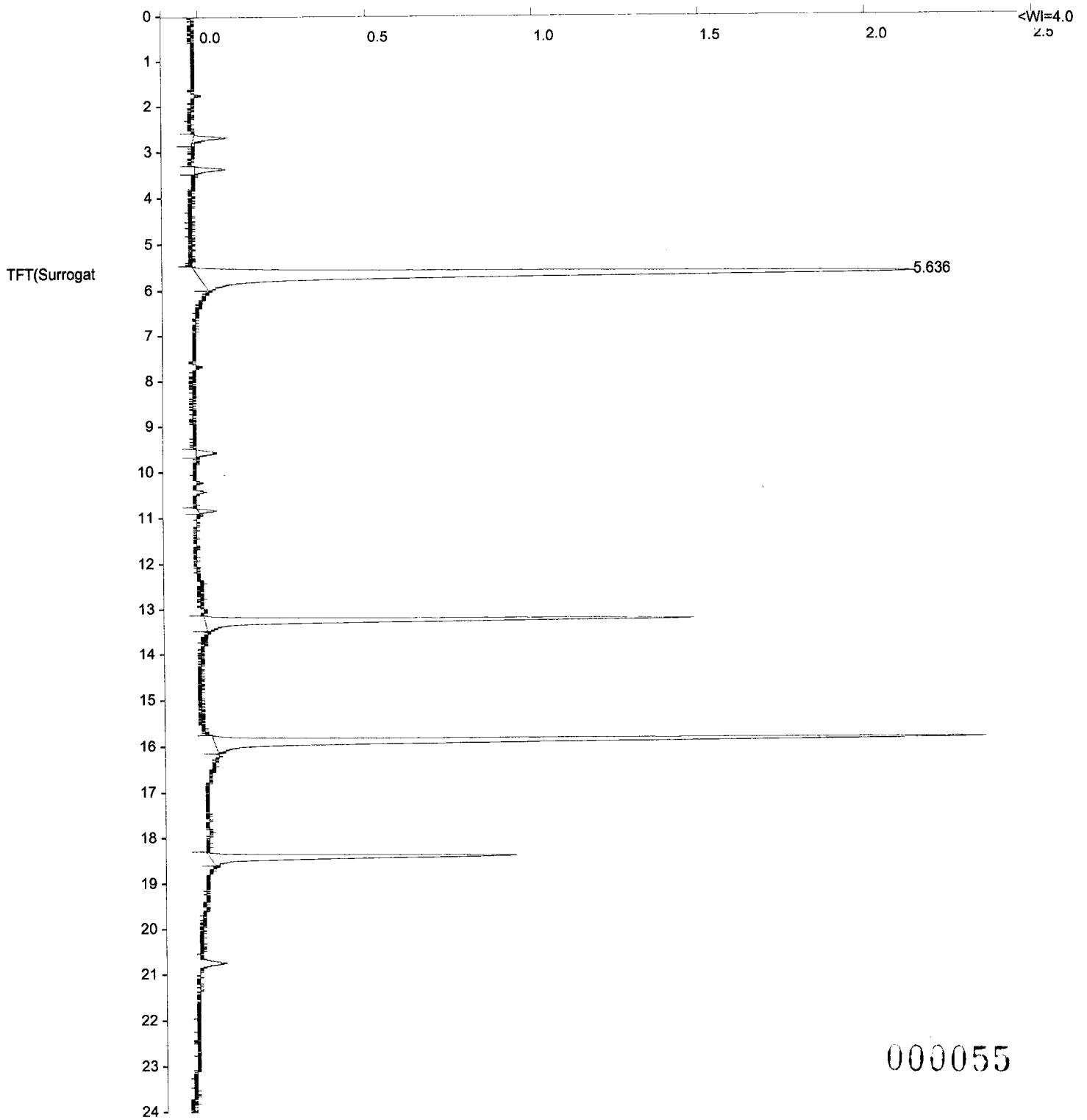
Injection Date: 11/22/02 9:55 PM Calculation Date: 11/22/02 10:19 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000055

Title :
Run File : c:\star\data\g5-11-22-02-1018.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-570-5.0

Injection Date: 11/22/02 9:55 PM Calculation Date: 11/22/02 10:19 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1964	5.636	0.005	1830	BB	7.6	
	Totals:	0.1964		0.005	1830			

Total Unidentified Counts : 1274 counts

Detected Peaks: 8 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -19 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1019.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-571-5.0

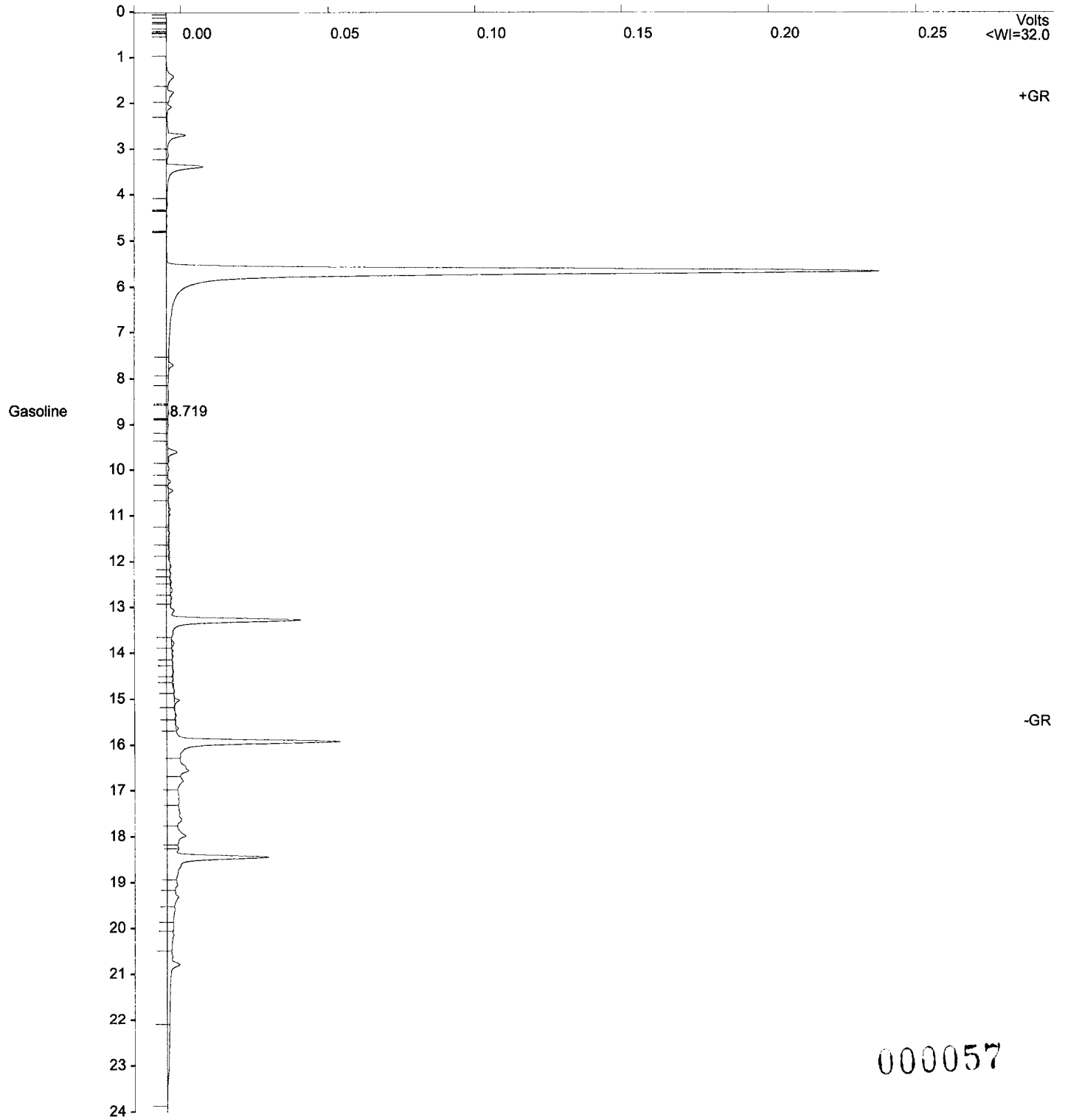
Injection Date: 11/22/02 10:34 PM Calculation Date: 11/22/02 10:58 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000057

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1019.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-571-5.0

Injection Date: 11/22/02 10:34 PM Calculation Date: 11/22/02 10:58 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2117	8.719	0.001	351391	GR	0.0	
	Totals:	0.2117		0.001	351391			

Total Unidentified Counts : 178756 counts

Detected Peaks: 55 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4789 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1019.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-571-5.0

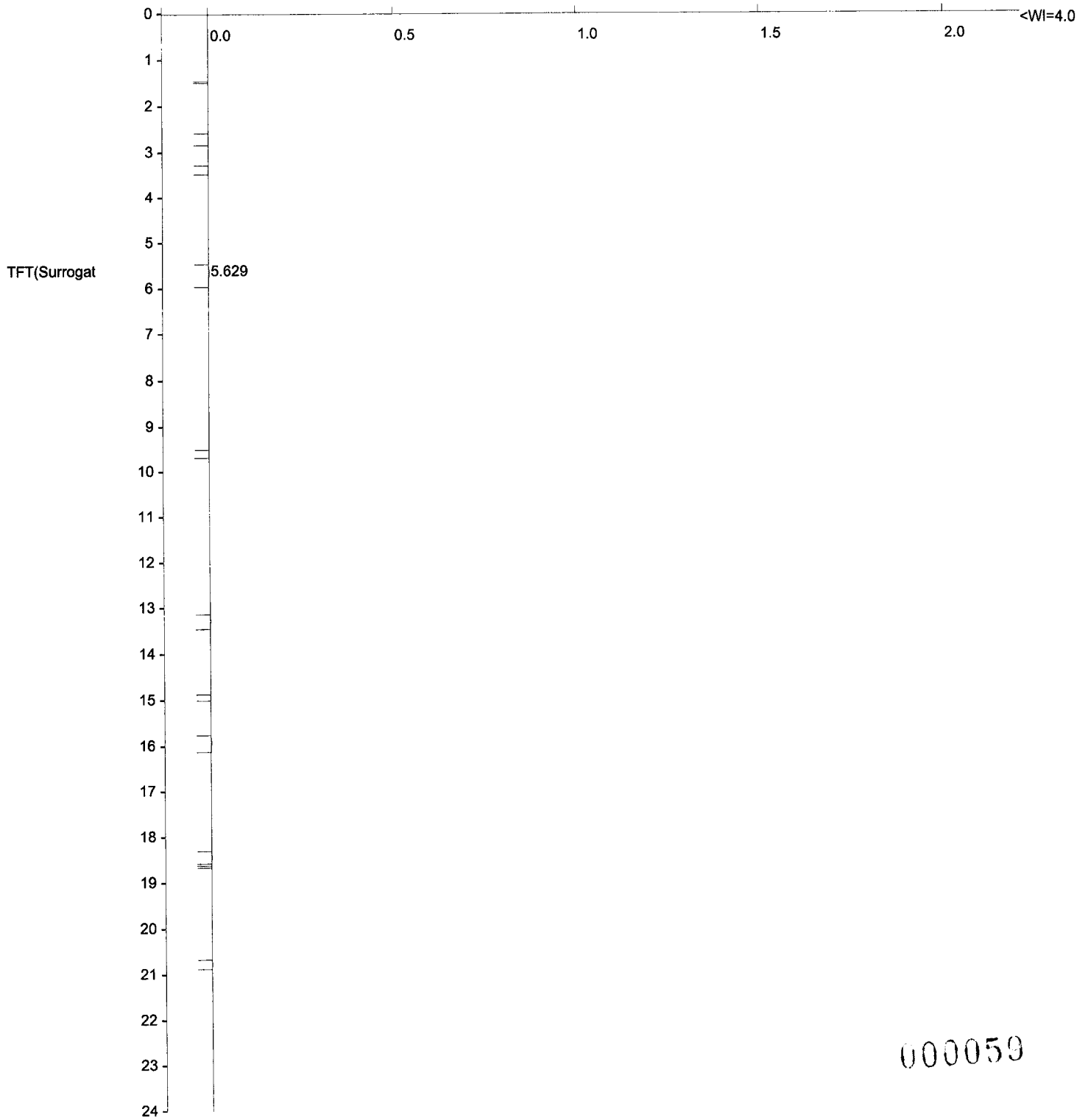
Injection Date: 11/22/02 10:34 PM Calculation Date: 11/22/02 10:58 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000059

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1019.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-571-5.0

Injection Date: 11/22/02 10:34 PM Calculation Date: 11/22/02 10:58 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1948	5.629	-0.002	1815	BB	7.5	
	Totals:	0.1948		-0.002	1815			

Total Unidentified Counts : 2965 counts

Detected Peaks: 11 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1020.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-566-5.0

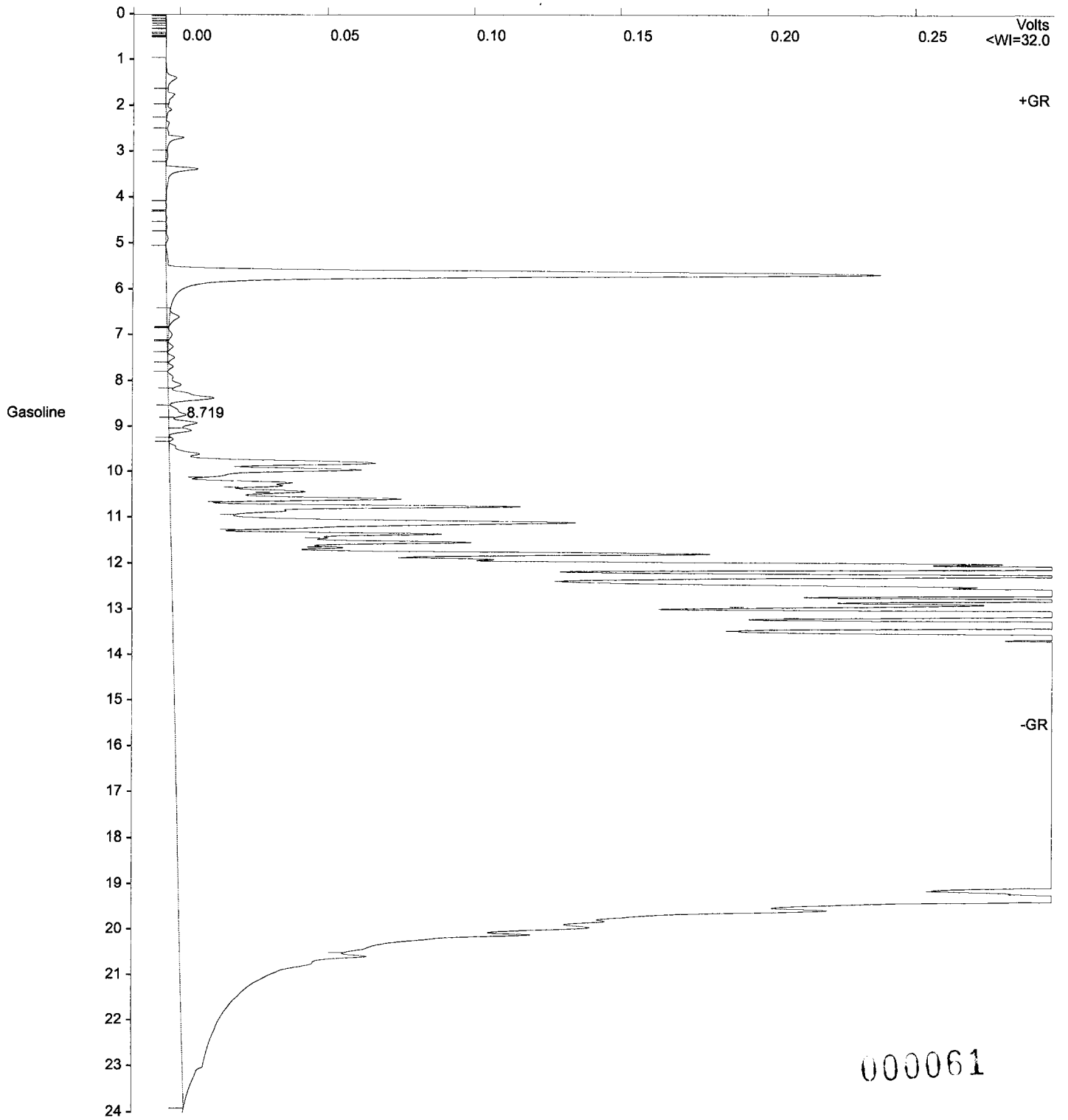
Injection Date: 11/22/02 11:14 PM Calculation Date: 11/22/02 11:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000061

Title : Gasoline by FID
Run File : c:\star\data\g5-11-22-02-1020.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-566-5.0

Injection Date: 11/22/02 11:14 PM Calculation Date: 11/22/02 11:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	7.1224	8.719	0.001	11824656	GR	0.0	
	Totals:	7.1224		0.001	11824656			

Total Unidentified Counts : 19717818 counts

Detected Peaks: 72 Rejected Peaks: 12 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4769 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1020.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-566-5.0

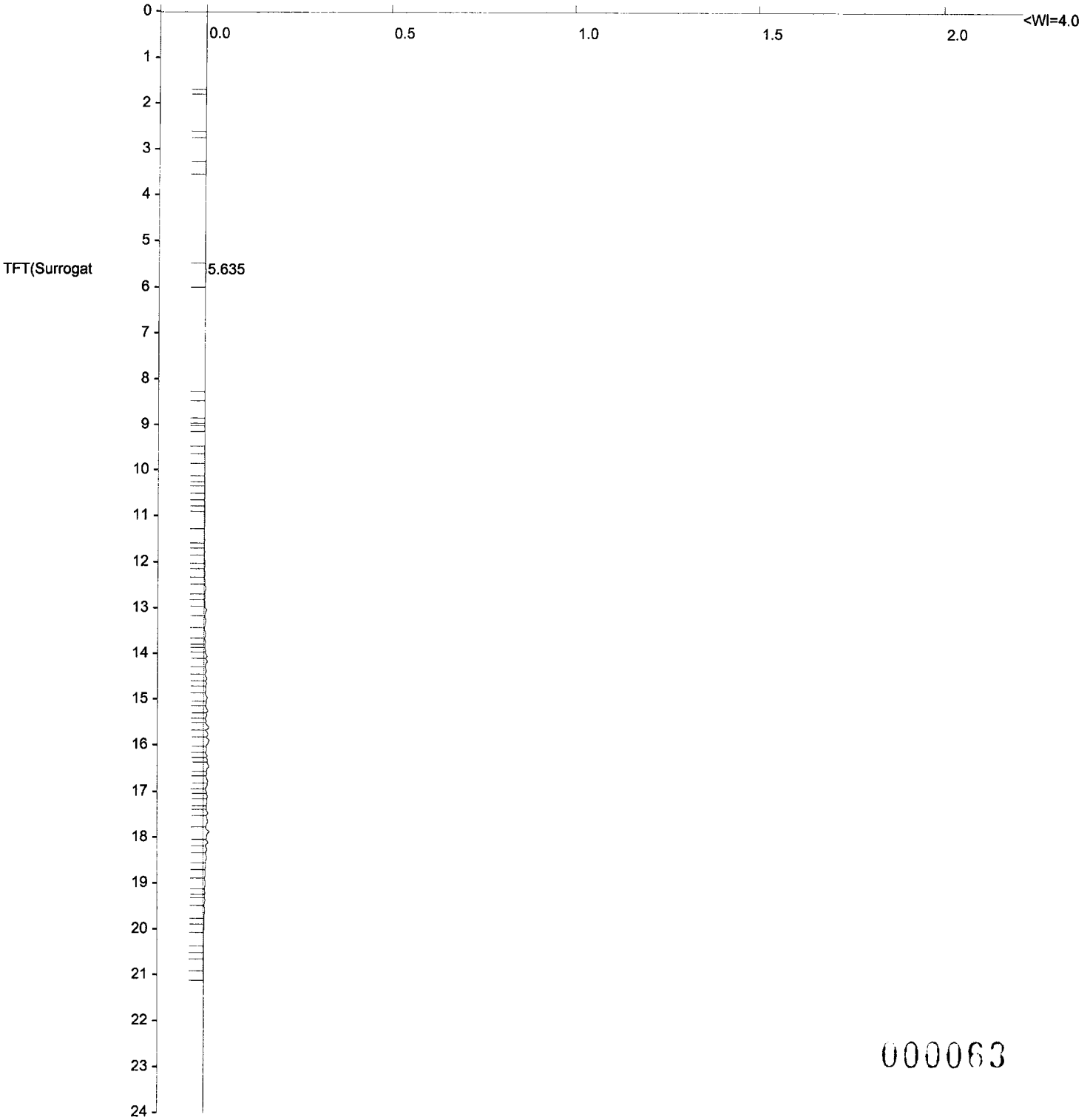
Injection Date: 11/22/02 11:14 PM Calculation Date: 11/22/02 11:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000063

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-22-02-1020.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-566-5.0

Injection Date: 11/22/02 11:14 PM Calculation Date: 11/22/02 11:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1917	5.635	0.004	1786	BB	7.4	
	Totals:	0.1917		0.004	1786			

Total Unidentified Counts : 277660 counts

Detected Peaks: 78 Rejected Peaks: 24 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-23-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

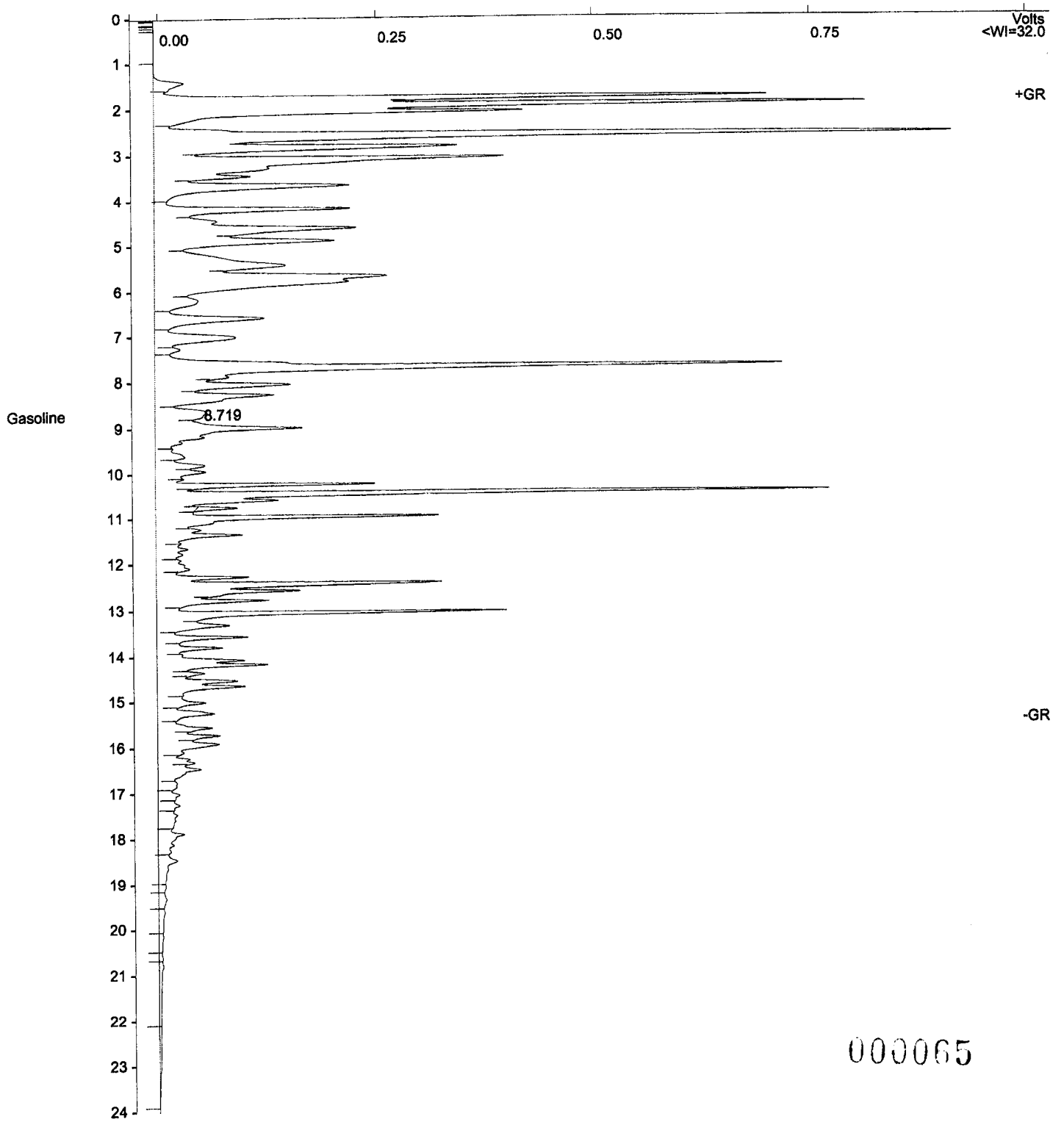
Injection Date: 11/23/02 1:12 AM Calculation Date: 11/23/02 1:36 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 434 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000065

Title :
Run File : c:\star\data\g5-11-23-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/23/02 1:12 AM Calculation Date: 11/23/02 1:36 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8718	8.719	0.001	8088222	GR	0.0	
	Totals:	4.8718		0.001	8088222			

Total Unidentified Counts : 1046660 counts

Detected Peaks: 63 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4659 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-23-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

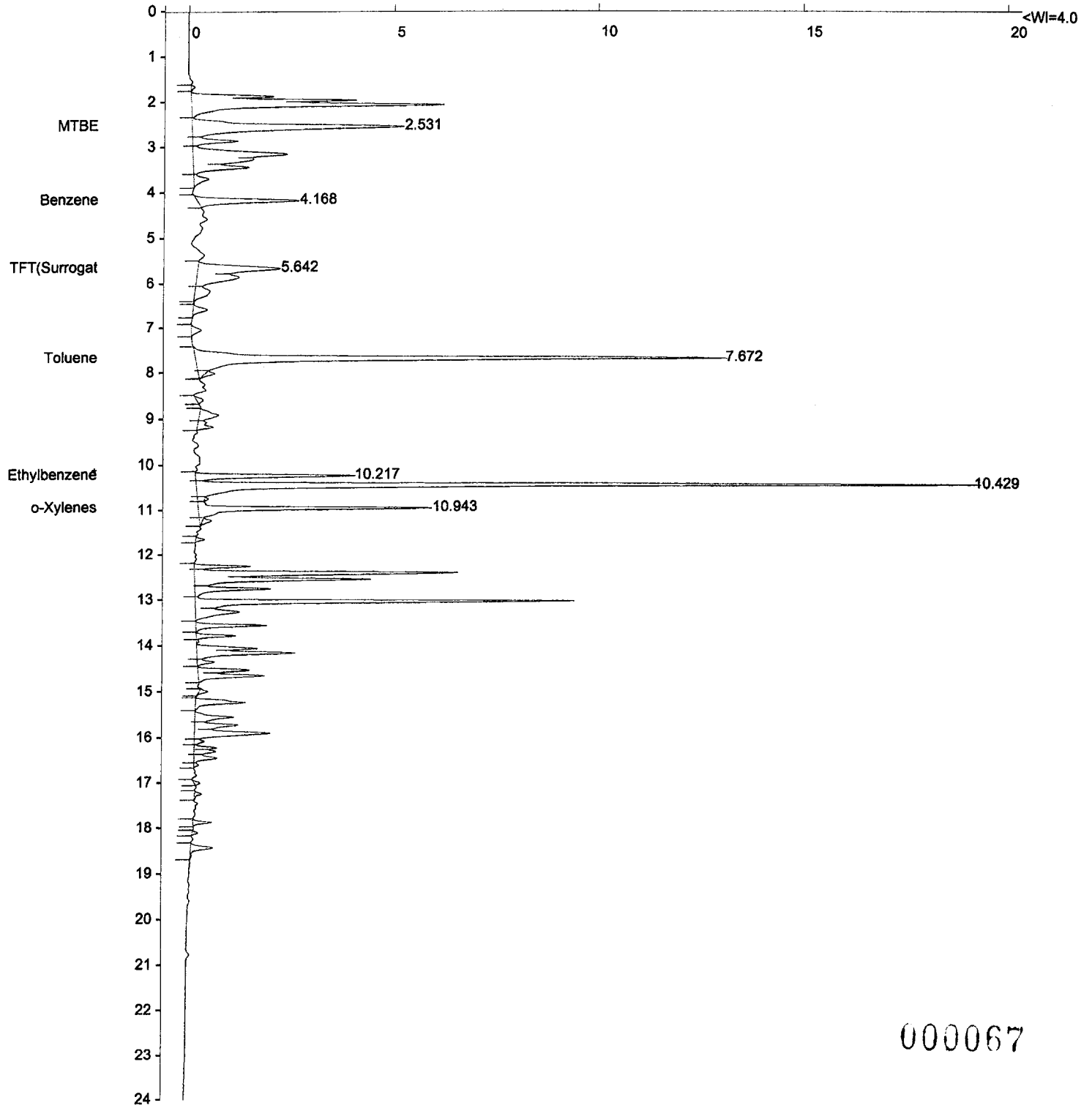
Injection Date: 11/23/02 1:12 AM Calculation Date: 11/23/02 1:36 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 9 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000067

Title :
Run File : c:\star\data\g5-11-23-02-1001.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/23/02 1:12 AM Calculation Date: 11/23/02 1:36 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.531	0.004	4420	VV	7.2	
2	Benzene	0.0000	4.168	-0.006	1489	BB	5.7	
3	TFT(Surrogat	0.1901	5.642	0.011	1771	BV	8.6	
4	Toluene	0.0000	7.672	0.014	8344	BB	5.1	
5	Ethylbenzene	0.0000	10.217	0.007	1729	BV	4.0	
6	p,m-Xylenes	0.0000	10.429	0.019	9280	VV	4.1	
7	o-Xylenes	0.0000	10.943	0.007	2808	VB	3.9	
	Totals:	0.1901		0.056	29841			

Total Unidentified Counts : 24372 counts

Detected Peaks: 55 Rejected Peaks: 34 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -9 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-23-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0gms

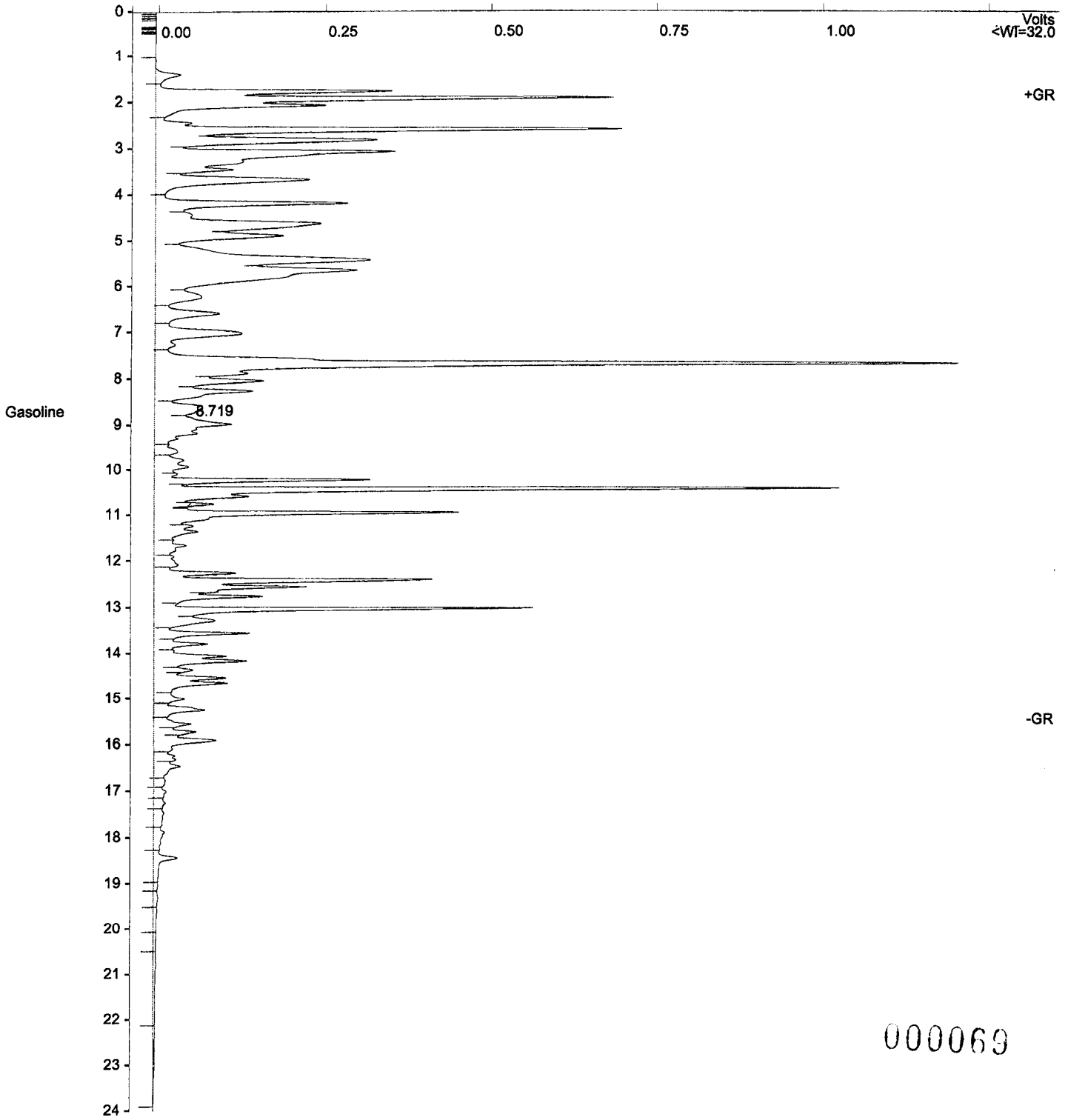
Injection Date: 11/23/02 5:09 AM Calculation Date: 11/23/02 5:33 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 572 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000069

Title :
Run File : c:\star\data\g5-11-23-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0gms

Injection Date: 11/23/02 5:09 AM Calculation Date: 11/23/02 5:33 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.4093	8.719	0.001	8980623	GR	0.0	
	Totals:	5.4093		0.001	8980623			

Total Unidentified Counts : 548094 counts

Detected Peaks: 64 Rejected Peaks: 8 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4749 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\data\g5-11-23-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0gms

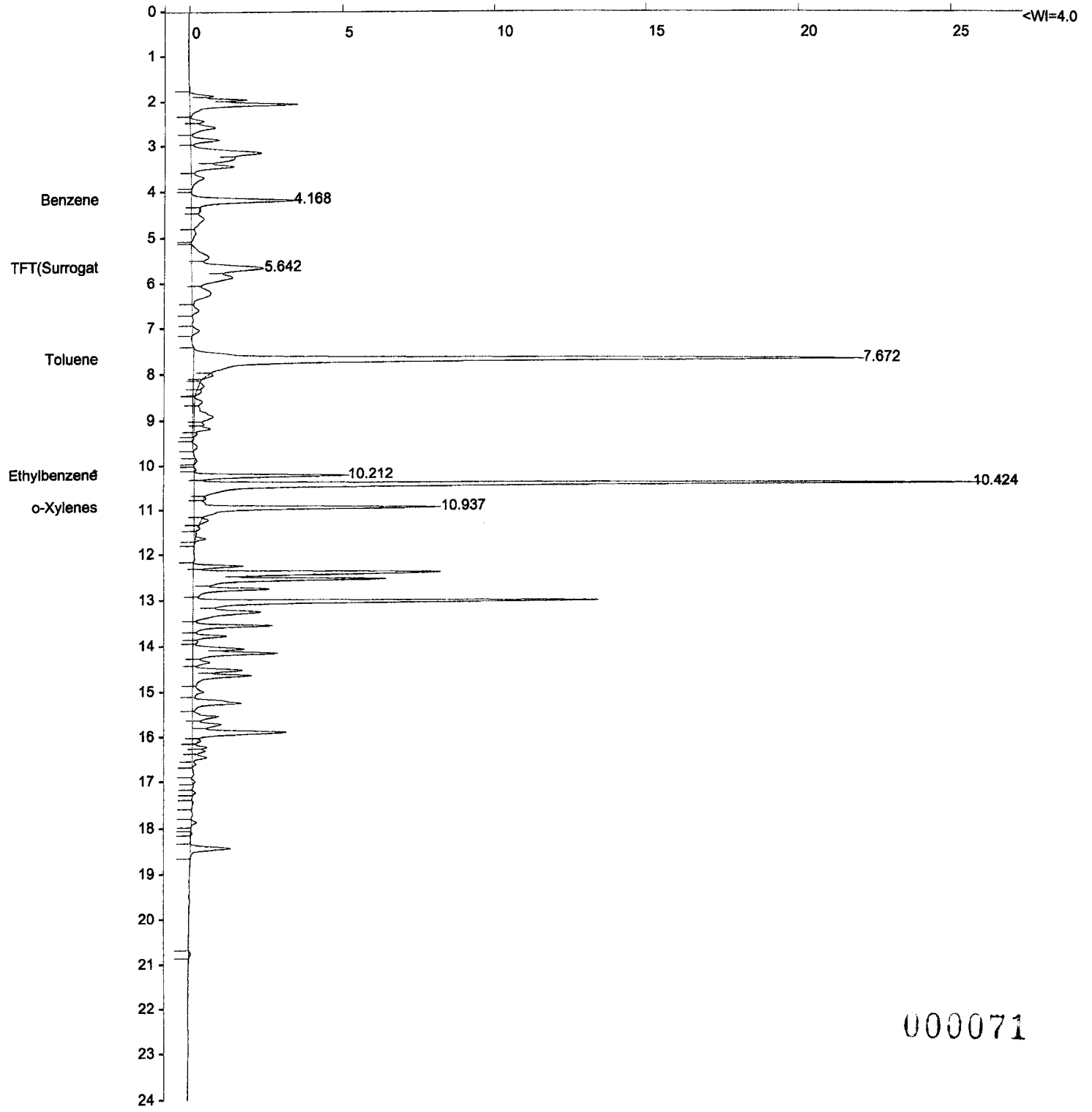
Injection Date: 11/23/02 5:09 AM Calculation Date: 11/23/02 5:33 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 12 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000071

Title :
Run File : c:\star\data\g5-11-23-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0gms

Injection Date: 11/23/02 5:09 AM Calculation Date: 11/23/02 5:33 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.168	-0.006	2394	BB	5.6	
2	TFT(Surrogat	0.2410	5.642	0.011	2245	VV	9.5	C
3	Toluene	0.0000	7.672	0.014	14679	BP	4.9	
4	Ethylbenzene	0.0000	10.212	0.002	2260	VV	4.0	
5	p,m-Xylenes	0.0000	10.424	0.014	12601	VV	4.1	
6	o-Xylenes	0.0000	10.937	0.002	4526	VB	4.0	
	Totals:	0.2410		0.037	38705			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 32538 counts

Detected Peaks: 70 Rejected Peaks: 46 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\data\g5-11-23-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0gmsd

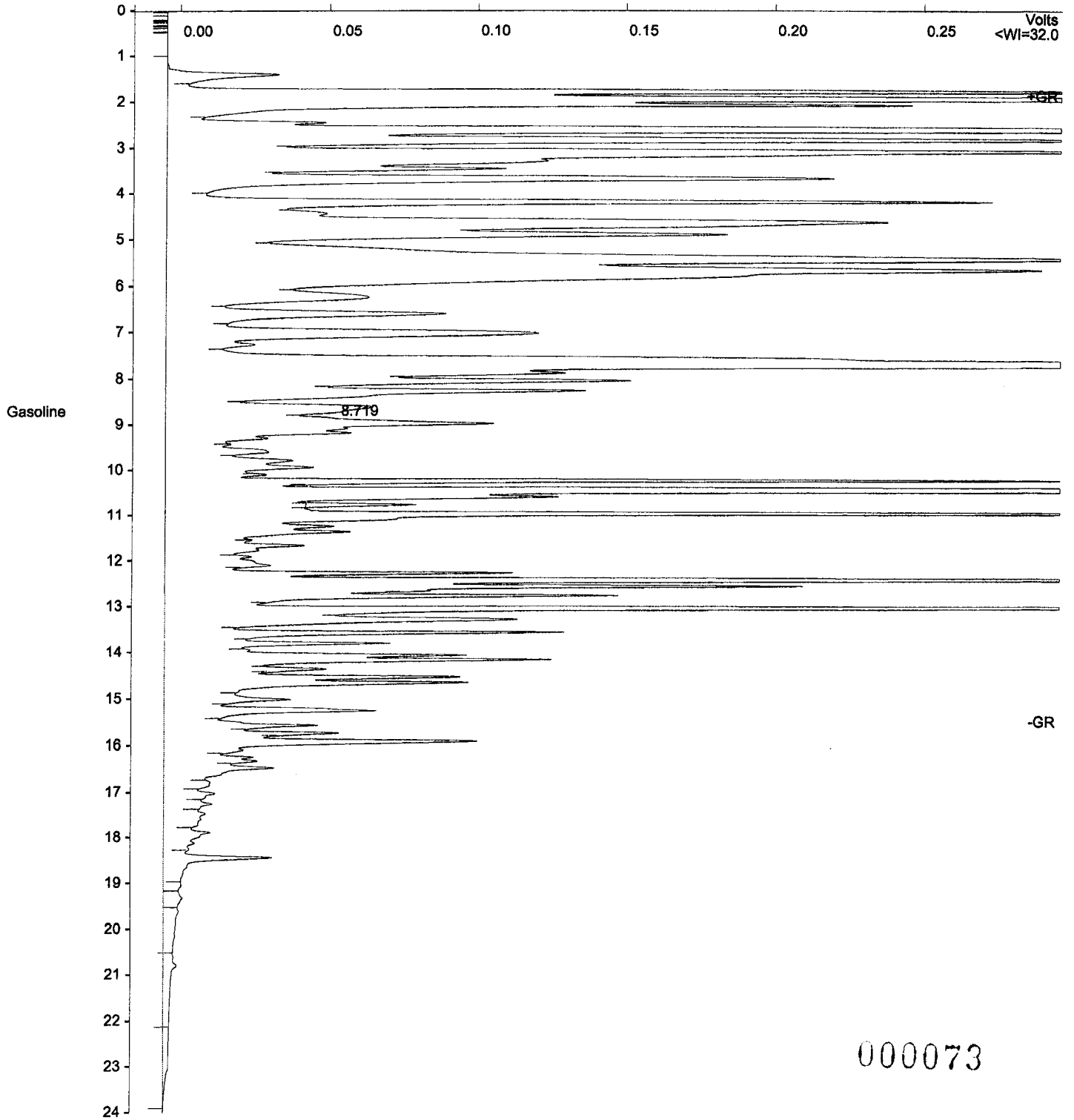
Injection Date: 11/23/02 5:48 AM Calculation Date: 11/23/02 6:12 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000073

Title : Gasoline by FID
Run File : c:\star\data\g5-11-23-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0gmsd

Injection Date: 11/23/02 5:48 AM Calculation Date: 11/23/02 6:12 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.2307	8.719	0.001	8684080	GR	0.0	
	Totals:	5.2307		0.001	8684080			

Total Unidentified Counts : 535136 counts

Detected Peaks: 65 Rejected Peaks: 10 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4549 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-23-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0gmsd

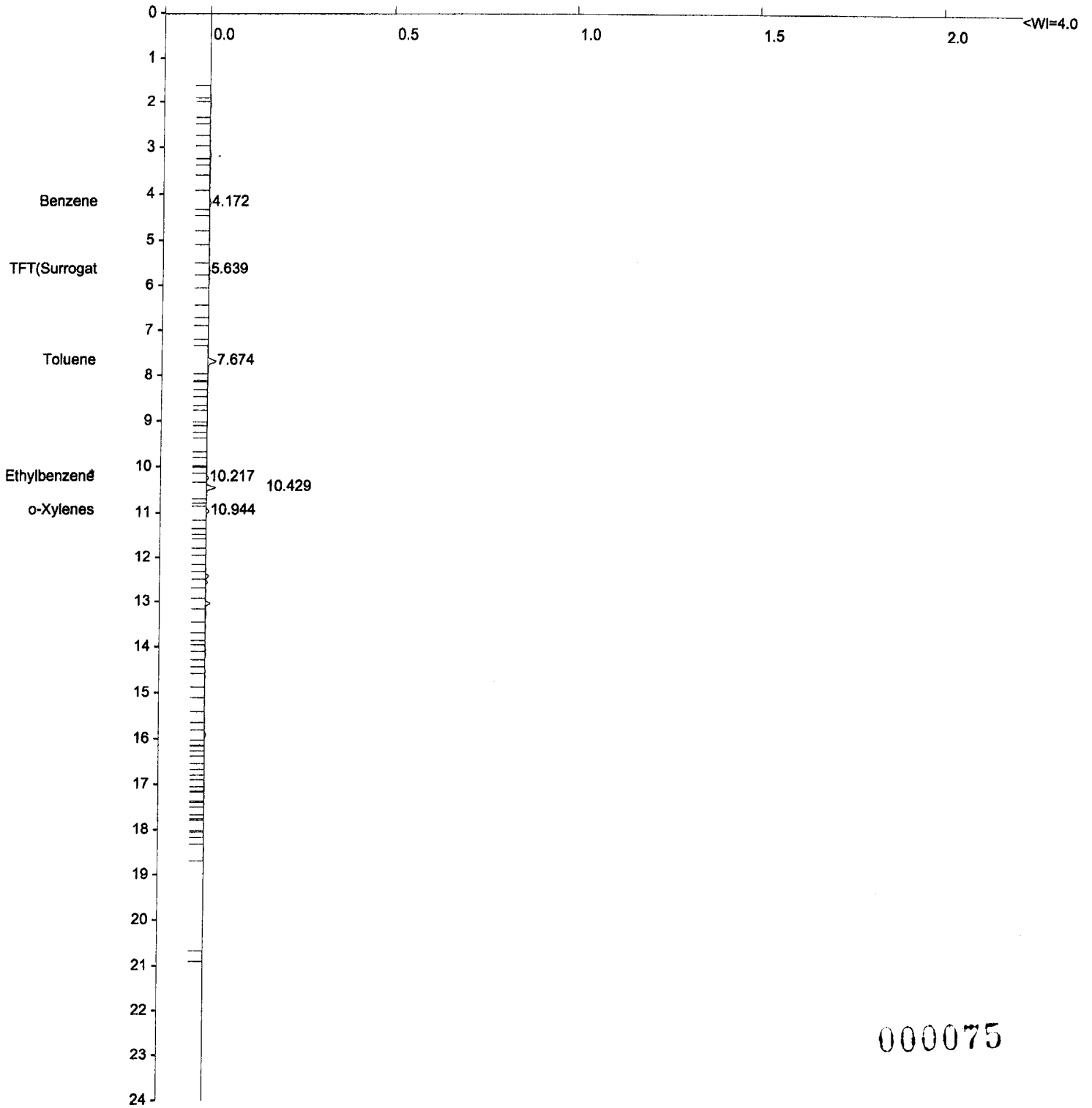
Injection Date: 11/23/02 5:48 AM Calculation Date: 11/23/02 6:12 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000075

Title : BTEX/MTBE BY PID
Run File : c:\star\data\g5-11-23-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102529-568-5.0gmsd

Injection Date: 11/23/02 5:48 AM Calculation Date: 11/23/02 6:12 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.172	-0.002	2200	VV	5.7	
2	TFT(Surrogat	0.2409	5.639	0.008	2245	VV	10.2	C
3	Toluene	0.0000	7.674	0.016	14704	BB	4.9	
4	Ethylbenzene	0.0000	10.217	0.007	2139	VV	4.1	
5	p,m-Xylenes	0.0000	10.429	0.019	12043	VV	0.0	
6	o-Xylenes	0.0000	10.944	0.009	3689	VB	4.0	
	Totals:	0.2409		0.057	37020			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 30749 counts

Detected Peaks: 76 Rejected Peaks: 54 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

EPA 8260:

Data & QA/QC

****

Varian Star Workstation - Generic SampleList Fri Nov 22 09:40:43 2002

SampleList: C:\SaturnWS\samplelist.smp

Created: Sun Oct 29 18:10:46 2000
Modified: Fri Nov 22 08:53:37 2002

****

Line	Sample Type	Sample Name
1	Analysis	water blank
2	Analysis	method blank # 1
3	Analysis	50 ppb 8260 ccv
4	Analysis	LCS # 1
5	Analysis	102531-575 100ul
6	Analysis	102531-576 100ul
7	Analysis	102529-561 5.51g
8	Analysis	102529-562 5.78g
9	Analysis	102529-563 4.75g
10	Analysis	102529-564 5.48g
11	Analysis	102529-565 6.33g
12	Analysis	102529-566 5.50g
13	Analysis	102529-567 5.08g
14	Analysis	102529-568 5.12g
15	Analysis	102529-569 5.37g
16	Analysis	LC S # 2
17	Analysis	method blank # 2
18	Analysis	50 ppb 8260 ccv # 2
19	Analysis	102529-570 5.90g
20	Analysis	102529-571 5.55g
21	Analysis	LCS soil
22	Analysis	LCSD soil
23	Analysis	102461-171 5ml
24	Analysis	102354-582 1ul
25	Analysis	102354-583 1ul
26	Analysis	LCS water
27	Analysis	LCSD water

Directory for Data Files: c:\saturnws\data\6nov02

Data File Names: nov%i

Create and update a new RecalcList: c:\saturnws\8260list.rcl.

Overwrite the RecalcList each time the SampleList begins.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No: SDG No:

Instrument ID: GCMS # 6 Calibration Date(s): 8/7/02 8/7/02

Calibration Time(s): 18:30 23:14

Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Index: 1 Level: 1 Replicate: 1 Acquired: 8/7/02 18:30 File: c:\saturnws\data\6aug02\aug1054.sms
Index: 2 Level: 2 Replicate: 1 Acquired: 8/7/02 19:17 File: C:\SaturnWS\data\6aug02\aug1055.SMS
Index: 3 Level: 3 Replicate: 1 Acquired: 8/7/02 20:04 File: C:\SaturnWS\data\6aug02\aug1056.SMS
Index: 4 Level: 4 Replicate: 1 Acquired: 8/7/02 20:51 File: c:\saturnws\data\6aug02\aug1057.sms
Index: 5 Level: 5 Replicate: 1 Acquired: 8/7/02 21:39 File: C:\SaturnWS\data\6aug02\aug1058.SMS
Index: 6 Level: 6 Replicate: 1 Acquired: 8/7/02 22:26 File: C:\SaturnWS\data\6aug02\aug1059.SMS
Index: 7 Level: 7 Replicate: 1 Acquired: 8/7/02 23:14 File: C:\SaturnWS\data\6aug02\aug1060.SMS

RRF = (Area(sample)/(Amount(sample))/(Area(standard)/Amount(standard))

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Dichlorodifluoromethane						0.000		**0.000**	
Chloromethane	0.251	0.196	0.237	0.203	0.190	0.174	0.171	**0.203**	**15.0**
Vinyl Chloride	0.439	0.360	0.477	0.413	0.417	0.426	0.447	**0.425**	**8.5**
Bromomethane	0.237	0.232	0.221	0.175	0.152	0.088	0.094	**0.171**	**36.9**
Trichlorofluoromethane	0.936	0.894	1.005	0.905	0.886	0.890	0.892	**0.915**	**4.7**
Trichlorotrifluoroethane (Freon 113)			0.003	0.002	0.002	0.001	0.001	**0.002**	**47.6**
1,1-Dichloroethene	0.888	0.917	1.056	1.101	0.989	1.009	1.043	**1.000**	**7.6**
Acetone	0.073	0.057	0.053	0.046	0.053	0.048	0.061	**0.056**	**16.3**
Carbon disulfide	0.009	0.003	0.001	0.000	0.000	0.000		**0.002**	**155.4**
Acetonitrile	0.252	0.258	0.251	0.221	0.223	0.203	0.210	**0.231**	**9.5**
Allyl chloride					0.002	0.002	0.002	**0.002**	**4.7**
Methylene Chloride	1.826	1.103	1.052	0.943	0.952	0.932	0.958	**1.110**	**29.0**
tert-Butanol	0.006	0.020	0.021	0.019		0.021		**0.018**	**35.8**

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Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Methyl-tert-butyl-ether (MTBE)	0.524	0.482	0.493	0.485	0.557	0.560	0.628	0.533	10.0
t-1,2-Dichloroethene	1.064	0.935	0.929	0.770	0.703	0.667	0.623	0.813	20.3
1,1-Dichloroethane	0.674	0.625	0.635	0.567	0.528	0.510	0.492	0.576	12.2
Isopropyl ether	0.893	0.843	0.832	0.746	0.721	0.679	0.675	0.770	11.2
Ethyl-tert-butyl-ether	0.949	0.946	0.921	0.805	0.772	0.725	0.721	0.834	12.2
2,2-Dichloropropane	0.981	0.885	0.916	0.813	0.786	0.778	0.774	0.847	9.5
c-1,2-Dichloroethene	0.860	0.871	0.888	0.829	0.839	0.837	0.856	0.854	2.4
2-Butanone (MEK)	0.087	0.076	0.074	0.066	0.083	0.078	0.095	0.080	11.8
Bromochloromethane	0.471	0.508	0.519	0.490	0.523	0.504	0.539	0.508	4.4
Methacrylonitrile	0.512	0.475	0.493	0.451	0.429	0.425	0.429	0.459	7.6
Chloroform	1.030	1.019	1.060	0.996	1.017	1.024	1.068	1.030	2.4
1,1,1-Trichloroethane	1.307	1.258	1.371	1.261	1.263	1.297	1.350	1.301	3.5
Dibromofluoromethane (Surr1)	0.207	0.217	0.209	0.210	0.212	0.214	0.226	0.214	2.9
Carbon Tetrachloride	0.960	1.004	1.101	1.006	1.013	1.044	1.098	1.032	5.1
1,1-Dichloropropene	0.797	0.624	0.597	0.437	0.391	0.508	0.313	0.524	31.2
Benzene	0.931	0.786	0.791	0.729	0.752	0.751	0.780	0.789	8.4
1,2-Dichloroethane-d4 (Surr2)	0.303	0.295	0.269				0.203	0.268	16.9
1,2-Dichloroethane	0.653	0.630	0.594	0.504	0.483	0.435	0.439	0.534	17.0
tert-Amyl-methyl-ether	1.016	0.951	0.941	0.865	0.898	0.854	0.910	0.919	6.0
Trichloroethene	1.889	1.663	1.754	1.662	1.640	1.601	1.654	1.695	5.7
1,2-Dichloropropane	0.516	0.508	0.479	0.428	0.401	0.376	0.364	0.439	14.2
Dibromomethane	0.578	0.584	0.609	0.552	0.565	0.537	0.571	0.571	4.1
Bromodichloromethane	1.214	1.230	1.232	1.185	1.178	1.175	1.226	1.206	2.1
2-Chloroethyl vinyl ether	0.298	0.286	0.311	0.267	0.285	0.251	0.275	0.282	7.0
c-1,3-Dichloropropene	1.503	1.400	1.382	1.276	1.236	1.201	1.194	1.313	8.9
4-Methyl-2-pentanone	0.389	0.376	0.404	0.361	0.370	0.332	0.352	0.369	6.4
Toluene-d8 (Surr3)	1.490	1.480	1.481	1.430	1.430	1.403	1.386	1.443	2.9
Toluene	4.123	3.621	3.727	3.415	3.323	3.312	3.310	3.547	8.5
t-1,3-Dichloropropene	0.718	0.631	0.627	0.578	0.595	0.002	0.596	0.535	44.8
1,1,2-Trichloroethane	0.578	0.672	0.695	0.661	0.671	0.648	0.679	0.658	5.8
Tetrachloroethene	0.191	0.155	0.156	0.147	0.142	0.142	0.147	0.154	11.0
1,3-Dichloropropane	1.003	0.983	0.989	0.938	0.975	0.948	1.009	0.978	2.7
Dibromochloromethane	0.687	0.735	0.758	0.700	0.738	0.708	0.747	0.725	3.6
1,2-Dibromoethane	0.806	0.783	0.852	0.773	0.824	0.773	0.832	0.806	3.9

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
1-Chlorohexane	3.034	2.639	2.670	2.386	2.319	2.229	2.227	2.501	11.8
Chlorobenzene	2.388	2.020	2.112	1.917	1.918	1.936	1.961	2.036	8.3
Ethylbenzene	10.331	8.560	8.577	8.176	8.206	8.552	8.905	8.758	8.4
1,1,1,2-Tetrachloroethane	24.225	5.781	2.246	1.171	0.787	0.624	0.514	5.050	171.4
p,m-Xylenes	9.172	7.293	7.251	6.846	6.766	7.106	7.425	7.408	11.0
o-Xylene	9.005	7.410	7.569	7.283	7.214	7.447	7.613	7.649	8.0
Styrene	5.401	4.590	4.611	4.452	4.571	4.806	5.044	4.782	7.0
Bromoform	1.136	1.025	1.005	0.946	0.986	0.959	1.004	1.009	6.2
Isopropylbenzene	9.768	8.467	8.494	8.019	7.826	8.078	8.319	8.424	7.6
cis-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
p-Bromofluorobenzene (Surr4)	1.404	1.382	1.344	1.356	1.350	1.368	1.388	1.370	1.6
1,1,2,2-Tetrachloroethane	1.458	1.567	1.507	1.349	1.404	1.386	1.450	1.446	5.1
Bromobenzene	4.000	3.668	3.508	3.266	3.120	3.067	3.051	3.383	10.6
n-Propylbenzene	11.098	9.414	9.619	9.181	9.149	9.467	9.800	9.676	6.9
trans-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
1,2,3-Trichloropropane	1.083	0.999	0.927	0.824	0.825	0.776	0.842	0.897	12.4
2-Chlorotoluene	7.825	6.501	6.151	5.826	5.710	5.782	5.900	6.242	12.0
1,3,5-Trimethylbenzene	9.214	7.748	7.752	7.247	7.070	7.273	7.475	7.683	9.4
4-Chlorotoluene	6.528	5.609	5.569	5.388	5.261	5.270	5.393	5.574	7.9
tert-Butylbenzene	12.564	10.652	10.592	9.794	9.456	9.684	9.530	10.325	10.7
1,2,4-Trimethylbenzene	8.218	7.186	7.075	6.575	6.494	6.574	6.643	6.966	8.8
Pentachloroethane		0.034	0.030	0.032	0.029	0.031	0.033	0.031	5.8
sec-Butylbenzene	9.996	8.283	8.328	7.913	7.738	7.890	7.816	8.280	9.5
4-Isopropyltoluene	6.605	5.598	5.590	5.099	4.902	4.961	4.948	5.386	11.4
1,3-Dichlorobenzene	3.957	3.742	3.706	3.528	3.439	3.407	3.451	3.604	5.7
1,4-Dichlorobenzene	4.021	3.479	3.377	3.287	3.257	3.227	3.239	3.412	8.3
Benzyl Chloride	5.145	4.341	4.321	4.052	3.981	4.030	3.997	4.267	9.7
n-Butylbenzene	7.021	5.980	6.124	5.938	5.964	6.192	6.250	6.210	6.1
1,2-Dichlorobenzene	3.323	3.326	3.220	3.096	3.169	3.164	3.256	3.222	2.7
1,2-Dibromo-3-chloropropane	0.493	0.423	0.460	0.440	0.480	0.453	0.520	0.467	7.1
1,2,4-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1
Hexachlorobutadiene	1.531	1.225	1.202	1.165	1.166	1.177	1.223	1.241	10.5
Naphthalene	1.598	1.418	1.353	1.358	1.524	1.531	1.749	1.504	9.5
1,2,3-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1

0001133

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 11/21/02 Time: 14:05

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Lab File ID: c:\saturnws\data\6nov02\nov1398.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.000	0.100	100.0	20.0
Chloromethane	0.203	0.337	0.100	-65.6	20.0
Vinyl Chloride	0.425	0.570	0.100	-34.0	20.0
Bromomethane	0.171	0.000	0.100	100.0	20.0
Trichlorofluoromethane	0.915	1.242	0.100	-35.7	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.347	0.100	-34.6	20.0
Acetone	0.056	0.063	0.100	-13.6	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.000	0.100	100.0	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.085	0.100	2.3	20.0
tert-Butanol	0.018	0.098	0.100	-457.5	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.498	0.100	6.6	20.0
t-1,2-Dichloroethene	0.813	1.042	0.100	-28.2	20.0
1,1-Dichloroethane	0.576	0.706	0.100	-22.5	20.0
Isopropyl ether	0.770	0.928	0.100	-20.5	20.0
Ethyl-tert-butyl-ether	0.834	0.981	0.100	-17.6	20.0
2,2-Dichloropropane	0.847	1.020	0.100	-20.3	20.0
c-1,2-Dichloroethene	0.854	0.967	0.100	-13.2	20.0
2-Butanone (MEK)	0.080	0.089	0.100	-10.6	20.0
Bromochloromethane	0.508	0.564	0.100	-11.2	20.0
Methacrylonitrile	0.459	0.000	0.100	100.0	20.0
Chloroform	1.030	1.181	0.100	-14.6	20.0
1,1,1-Trichloroethane	1.301	1.510	0.100	-16.1	20.0
Dibromofluoromethane (Surr1)	0.214	0.233	0.100	-9.0	20.0
Carbon Tetrachloride	1.032	1.202	0.100	-16.4	20.0
1,1-Dichloropropene	0.524	0.000	0.100	100.0	20.0
Benzene	0.789	0.832	0.100	-5.5	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.272	0.100	-1.9	20.0
1,2-Dichloroethane	0.534	0.636	0.100	-19.0	20.0
tert-Amyl-methyl-ether	0.919	0.979	0.100	-6.5	20.0
Trichloroethene	1.695	1.983	0.100	-17.0	20.0
1,2-Dichloropropane	0.439	0.544	0.100	-23.8	20.0
Dibromomethane	0.571	0.663	0.100	-16.1	20.0
Bromodichloromethane	1.206	1.311	0.100	-8.7	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.323	0.100	-14.7	20.0
c-1,3-Dichloropropene	1.313	1.401	0.100	-6.7	20.0
4-Methyl-2-pentanone	0.369	0.436	0.100	-18.1	20.0
Toluene-d8 (Surr3)	1.443	1.538	0.100	-6.6	20.0
Toluene	3.547	4.159	0.100	-17.2	20.0
t-1,3-Dichloropropene	0.535	0.615	0.100	-14.9	20.0
1,1,2-Trichloroethane	0.658	0.714	0.100	-8.5	20.0
Tetrachloroethene	0.154	0.174	0.100	-12.9	20.0
1,3-Dichloropropane	0.978	1.006	0.100	-2.9	20.0
Dibromochloromethane	0.725	0.802	0.100	-10.7	20.0
1,2-Dibromoethane	0.806	0.842	0.100	-4.5	20.0
1-Chlorohexane	2.501	2.889	0.100	-15.5	20.0
Chlorobenzene	2.036	2.153	0.100	-5.8	20.0
Ethylbenzene	8.758	9.016	0.100	-2.9	20.0
1,1,1,2-Tetrachloroethane	5.050	2.087	0.100	58.7	20.0
p,m-Xylenes	7.408	7.817	0.100	-5.5	20.0
o-Xylene	7.649	7.865	0.100	-2.8	20.0
Styrene	4.782	4.673	0.100	2.3	20.0
Bromoform	1.009	1.013	0.100	-0.5	20.0
Isopropylbenzene	8.424	9.096	0.100	-8.0	20.0
cis-1,4-Dichloro-2-butene	0.612	0.573	0.100	6.4	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.395	0.100	-1.8	20.0
1,1,2,2-Tetrachloroethane	1.446	1.393	0.100	3.6	20.0
Bromobenzene	3.383	3.387	0.100	-0.1	20.0
n-Propylbenzene	9.676	9.926	0.100	-2.6	20.0
trans-1,4-Dichloro-2-butene	0.612	0.000	0.100	100.0	20.0
1,2,3-Trichloropropane	0.897	0.870	0.100	3.0	20.0
2-Chlorotoluene	6.242	6.177	0.100	1.1	20.0
1,3,5-Trimethylbenzene	7.683	8.225	0.100	-7.1	20.0
4-Chlorotoluene	5.574	5.717	0.100	-2.6	20.0
tert-Butylbenzene	10.325	10.980	0.100	-6.3	20.0
1,2,4-Trimethylbenzene	6.966	7.418	0.100	-6.5	20.0
Pentachloroethane	0.031	0.033	0.100	-4.5	20.0
sec-Butylbenzene	8.280	8.699	0.100	-5.1	20.0
4-Isopropyltoluene	5.386	5.674	0.100	-5.3	20.0
1,3-Dichlorobenzene	3.604	3.608	0.100	-0.1	20.0
1,4-Dichlorobenzene	3.412	3.379	0.100	1.0	20.0
Benzyl Chloride	4.267	4.366	0.100	-2.3	20.0
n-Butylbenzene	6.210	6.178	0.100	0.5	20.0
1,2-Dichlorobenzene	3.222	3.014	0.100	6.5	20.0
1,2-Dibromo-3-chloropropane	0.467	0.390	0.100	16.4	20.0
1,2,4-Trichlorobenzene	1.625	1.397	0.100	14.0	20.0
Hexachlorobutadiene	1.241	1.048	0.100	15.5	20.0
Naphthalene	1.504	1.108	0.100	26.3	20.0
1,2,3-Trichlorobenzene	1.625	1.165	0.100	28.3	20.0

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 11/22/02 Time: 1:48

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

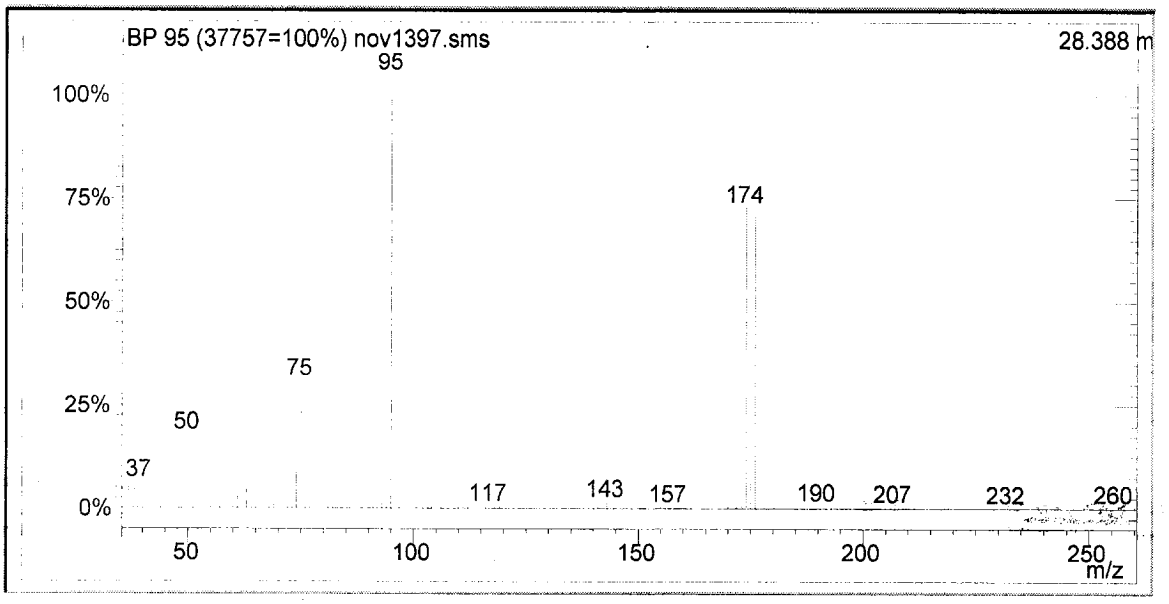
Lab File ID: c:\saturnws\data\6nov02\nov1413.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.000	0.100	100.0	20.0
Chloromethane	0.203	0.279	0.100	-37.2	20.0
Vinyl Chloride	0.425	0.468	0.100	-10.1	20.0
Bromomethane	0.171	0.149	0.100	13.1	20.0
Trichlorofluoromethane	0.915	1.111	0.100	-21.4	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.023	0.100	-2.3	20.0
Acetone	0.056	0.052	0.100	7.2	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.000	0.100	100.0	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.017	0.100	8.3	20.0
tert-Butanol	0.018	0.114	0.100	-550.9	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.464	0.100	13.0	20.0
t-1,2-Dichloroethene	0.813	0.906	0.100	-11.5	20.0
1,1-Dichloroethane	0.576	0.630	0.100	-9.4	20.0
Isopropyl ether	0.770	0.872	0.100	-13.2	20.0
Ethyl-tert-butyl-ether	0.834	0.939	0.100	-12.5	20.0
2,2-Dichloropropane	0.847	0.844	0.100	0.4	20.0
c-1,2-Dichloroethene	0.854	0.870	0.100	-1.9	20.0
2-Butanone (MEK)	0.080	0.080	0.100	0.1	20.0
Bromochloromethane	0.508	0.501	0.100	1.2	20.0
Methacrylonitrile	0.459	0.000	0.100	100.0	20.0
Chloroform	1.030	1.036	0.100	-0.6	20.0
1,1,1-Trichloroethane	1.301	1.356	0.100	-4.2	20.0
Dibromofluoromethane (Surr1)	0.214	0.239	0.100	-11.8	20.0
Carbon Tetrachloride	1.032	1.100	0.100	-6.5	20.0
1,1-Dichloropropene	0.524	0.104	0.100	80.2	20.0
Benzene	0.789	0.747	0.100	5.2	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.263	0.100	1.6	20.0
1,2-Dichloroethane	0.534	0.566	0.100	-6.0	20.0
tert-Amyl-methyl-ether	0.919	0.907	0.100	1.3	20.0
Trichloroethene	1.695	1.743	0.100	-2.9	20.0
1,2-Dichloropropane	0.439	0.472	0.100	-7.5	20.0
Dibromomethane	0.571	0.584	0.100	-2.3	20.0
Bromodichloromethane	1.206	1.222	0.100	-1.4	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.298	0.100	-5.6	20.0
c-1,3-Dichloropropene	1.313	1.260	0.100	4.0	20.0
4-Methyl-2-pentanone	0.369	0.400	0.100	-8.3	20.0
Toluene-d8 (Surr3)	1.443	1.495	0.100	-3.6	20.0
Toluene	3.547	3.654	0.100	-3.0	20.0
t-1,3-Dichloropropene	0.535	0.558	0.100	-4.2	20.0
1,1,2-Trichloroethane	0.658	0.669	0.100	-1.7	20.0
Tetrachloroethene	0.154	0.151	0.100	1.9	20.0
1,3-Dichloropropane	0.978	0.917	0.100	6.2	20.0
Dibromochloromethane	0.725	0.729	0.100	-0.5	20.0
1,2-Dibromoethane	0.806	0.775	0.100	3.8	20.0
1-Chlorohexane	2.501	2.593	0.100	-3.7	20.0
Chlorobenzene	2.036	1.962	0.100	3.6	20.0
Ethylbenzene	8.758	8.091	0.100	7.6	20.0
1,1,1,2-Tetrachloroethane	5.050	1.922	0.100	61.9	20.0
p,m-Xylenes	7.408	6.733	0.100	9.1	20.0
o-Xylene	7.649	7.550	0.100	1.3	20.0
Styrene	4.782	4.459	0.100	6.8	20.0
Bromoform	1.009	0.957	0.100	5.1	20.0
Isopropylbenzene	8.424	8.183	0.100	2.9	20.0
cis-1,4-Dichloro-2-butene	0.612	0.557	0.100	8.9	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.409	0.100	-2.8	20.0
1,1,2,2-Tetrachloroethane	1.446	1.341	0.100	7.3	20.0
Bromobenzene	3.383	3.274	0.100	3.2	20.0
n-Propylbenzene	9.676	9.429	0.100	2.6	20.0
trans-1,4-Dichloro-2-butene	0.612	0.557	0.100	8.9	20.0
1,2,3-Trichloropropane	0.897	0.854	0.100	4.8	20.0
2-Chlorotoluene	6.242	5.780	0.100	7.4	20.0
1,3,5-Trimethylbenzene	7.683	7.645	0.100	0.5	20.0
4-Chlorotoluene	5.574	5.368	0.100	3.7	20.0
tert-Butylbenzene	10.325	10.305	0.100	0.2	20.0
1,2,4-Trimethylbenzene	6.966	7.015	0.100	-0.7	20.0
Pentachloroethane	0.031	0.032	0.100	-1.9	20.0
sec-Butylbenzene	8.280	8.437	0.100	-1.9	20.0
4-Isopropyltoluene	5.386	5.447	0.100	-1.1	20.0
1,3-Dichlorobenzene	3.604	3.476	0.100	3.6	20.0
1,4-Dichlorobenzene	3.412	3.154	0.100	7.6	20.0
Benzyl Chloride	4.267	4.253	0.100	0.3	20.0
n-Butylbenzene	6.210	6.061	0.100	2.4	20.0
1,2-Dichlorobenzene	3.222	3.039	0.100	5.7	20.0
1,2-Dibromo-3-chloropropane	0.467	0.414	0.100	11.4	20.0
1,2,4-Trichlorobenzene	1.625	1.476	0.100	9.2	20.0
Hexachlorobutadiene	1.241	1.144	0.100	7.8	20.0
Naphthalene	1.504	1.268	0.100	15.7	20.0
1,2,3-Trichlorobenzene	1.625	1.305	0.100	19.7	20.0

BFB 8260B Report



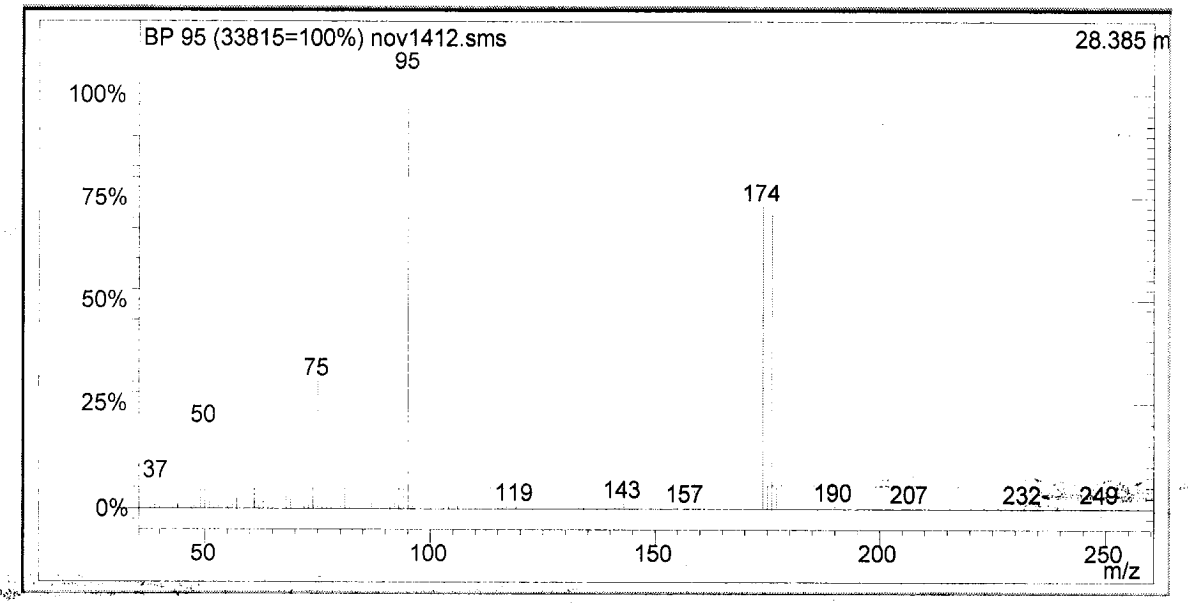
Lab File ID nov1397.sms

Injection Date: 11/21/02

Injection Time: 13:18

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	17.90	PASS
75	30-60% of m/z 95	30.91	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	5.57	PASS
173	<2% of m/z 174	0.72	PASS
174	>50% of m/z 95	72.92	PASS
175	5-9% of m/z 174	8.67	PASS
176	>95% but <101% of m/z 174	97.16	PASS
177	5-9% of m/z 176	6.89	PASS

BFB 8260B Report



Lab File ID nov1412.sms

Injection Date: 11/22/02

Injection Time: 1:01

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	19.07	PASS
75	30-60% of m/z 95	30.41	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	6.69	PASS
173	<2% of m/z 174	1.17	PASS
174	>50% of m/z 95	73.10	PASS
175	5-9% of m/z 174	7.39	PASS
176	>95% but <101% of m/z 174	97.34	PASS
177	5-9% of m/z 176	7.08	PASS

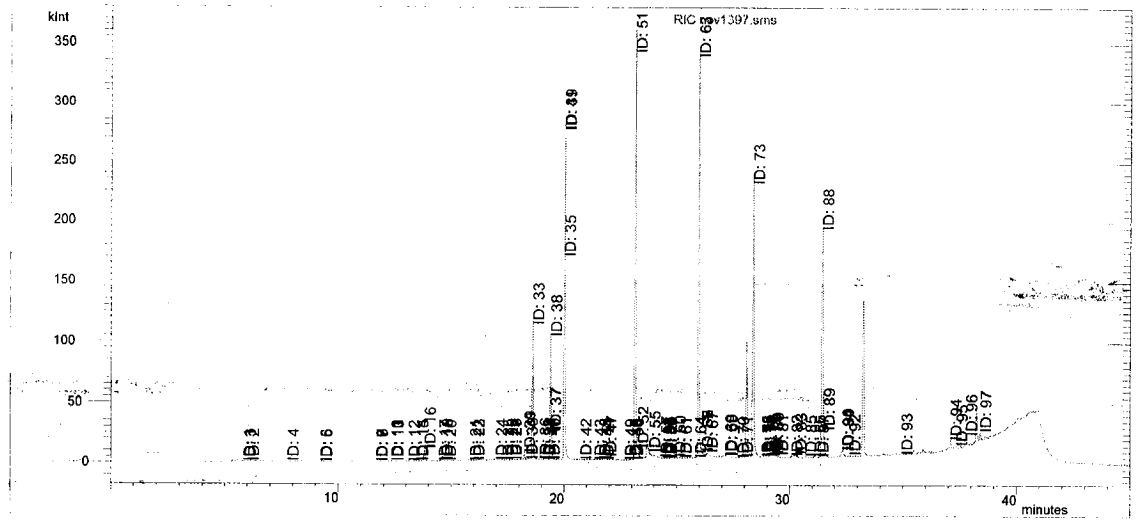
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1397.sms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 1 **Acquisition Dat** 11/21/02 1:18:01 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.009	96+70	Fluorobenzene (IS1)	999	468894	50.000
63	25.959	117	Chlorobenzene-d5(IS2)	982	272491	50.000
88	31.438	152	1,4-Dichlorobenzene-d4(IS3)	976	117027	50.000
1	5.833	85	Dichlorodifluoromethane	128	0	0.000
2	6.038	50+52	Chloromethane	617	0	0.000
3	5.884	62+64	Vinyl Chloride	615	0	0.000
4	7.782	94+96	Bromomethane	754	0	0.000
5	9.219	49	Chloroethane	367	0	0.000
6	9.265	101+103	Trichlorofluoromethane	754	276	0.032
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	620	0	0.000
8	11.681	56	Acrolein	740	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	773	0	0.000
10	12.348	142	Iodomethane	914	194	193.567
11	12.372	43+58	Acetone	788	0	0.000
12	13.117	45	Isopropyl alcohol (2-Propanol)	369	0	0.000
13	12.423	76	Carbon disulfide	958	0	0.000
14	13.476	41	Acetonitrile	554	0	0.000
15	13.500	41	Allyl chloride	575	0	0.000
16	13.827	84+49+86	Methylene Chloride	993	23585	2.266
17	14.464	59	tert-Butanol	336	0	0.000
18	14.566	73	Methyl-tert-butyl-ether (MTBE)	881	919	0.184
19	14.567	61+96	t-1,2-Dichloroethene	818	0	0.000
20	14.733	53	Acrylonitrile	749	0	0.000
21	15.838	63	1,1-Dichloroethane	691	0	0.000
22	15.992	43	Vinyl acetate	87	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.976	45	Isopropyl ether	352	0	0.000
24	16.978	59	Ethyl-tert-butyl-ether	690	0	0.000
25	17.274	77+41	2,2-Dichloropropane	452	0	0.000
26	17.479	61+96	c-1,2-Dichloroethene	865	0	0.000
27	17.633	43+72	2-Butanone (MEK)	506	0	0.000
28	17.606	54	Propionitrile	607	0	0.000
29	18.239	130+49	Bromochloromethane	314	680	0.143
30	18.351	39	Methacrylonitrile	395	0	0.000
31	18.239	83+85	Chloroform	995	11762	1.217
32	19.072	97+99	1,1,1-Trichloroethane	560	0	0.000
33	18.613	111	Dibromofluoromethane (Surr1)	822	104298	52.072
34	19.139	117+119	Carbon Tetrachloride	569	0	0.000
35	19.989	42+72	Tetrahydrofuran	324	102	101.592
36	18.918	75+39	1,1-Dichloropropene	581	0	0.000
37	19.375	78	Benzene	789	763	0.103
38	19.412	65	1,2-Dichloroethane-d4 (Surr2)	943	141384	56.448
39	20.007	62+64	1,2-Dichloroethane	353	11964	2.388
40	19.317	73+55+87	tert-Amyl-methyl-ether	645	0	0.000
42	20.735	130+132+95	Trichloroethene	885	0	0.000
43	21.351	41	Methyl methacrylate	251	0	0.000
44	21.722	63+65	1,2-Dichloropropane	611	0	0.000
45	21.568	93+174	Dibromomethane	857	0	0.000
46	22.917	88	1,4-Dioxane	589	0	0.000
47	21.835	83+85	Bromodichloromethane	956	4322	0.658
48	22.992	63+43	2-Chloroethyl vinyl ether	367	0	0.000
49	22.696	75+77+39	c-1,3-Dichloropropene	670	0	0.000
50	23.004	43+58	4-Methyl-2-pentanone	354	0	0.000
51	23.138	98	Toluene-d8 (Surr3)	993	431711	54.903
52	23.269	92+91	Toluene	942	7547	0.390
53	24.390	69	Ethyl methacrylate	416	0	0.000
54	24.441	43+58+100	2-Hexanone	412	0	0.000
55	23.786	75+77	t-1,3-Dichloropropene	437	0	0.000
56	24.453	97+99	1,1,2-Trichloroethane	596	0	0.000
57	24.288	164+166	Tetrachloroethene	748	0	0.000
58	24.493	76+41	1,3-Dichloropropane	556	0	0.000
59	24.532	43	Isobutyl alcohol	371	0	0.000
60	24.891	129+127	Dibromochloromethane	907	944	0.239
61	25.172	107+109	1,2-Dibromoethane	742	0	0.000
62	26.116	91	1-Chlorohexane	905	0	0.000
64	25.815	112+114	Chlorobenzene	522	0	0.000
65	26.116	106+91	Ethylbenzene	911	0	0.000
66	26.116	131+117	1,1,1,2-Tetrachloroethane	525	0	0.000
67	26.339	106+91	p,m-Xylenes	982	4163	0.240
68	27.156	106+91	o-Xylene	961	0	0.000
69	27.207	104+78	Styrene	948	0	0.000
70	27.697	171+173+175	Bromoform	781	0	0.000
71	27.886	105+120	Isopropylbenzene	871	0	0.000
72	28.982	75	cis-1,4-Dichloro-2-butene	700	0	0.000
73	28.370	95	p-Bromofluorobenzene (Surr4)	988	181858	56.705
74	28.919	83+85	1,1,2,2-Tetrachloroethane	610	0	0.000
75	28.765	77+158	Bromobenzene	935	0	0.000
76	28.822	91+120	n-Propylbenzene	925	1160	0.051

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.084	75	trans-1,4-Dichloro-2-butene	560	0	0.000
78	28.982	75+110	1,2,3-Trichloropropane	663	0	0.000
79	29.148	91+126	2-Chlorotoluene	878	0	0.000
80	29.241	105+120	1,3,5-Trimethylbenzene	960	0	0.000
81	29.446	91+126	4-Chlorotoluene	939	0	0.000
82	30.086	119+91	tert-Butylbenzene	942	0	0.000
83	30.254	105+120	1,2,4-Trimethylbenzene	992	1987	0.122
84	32.354	117	Pentachloroethane	980	0	0.000
85	30.701	105+134	sec-Butylbenzene	976	0	0.000
86	31.098	119	4-Isopropyltoluene	987	279	0.022
87	31.229	146+148	1,3-Dichlorobenzene	905	0	0.000
89	31.506	146+148	1,4-Dichlorobenzene	459	0	0.000
90	32.343	91	Benzyl Chloride	984	5912	0.592
91	32.343	91+134	n-Butylbenzene	982	7016	0.483
92	32.649	146+148	1,2-Dichlorobenzene	956	0	0.000
93	34.940	75+157	1,2-Dibromo-3-chloropropane	543	0	0.000
94	37.095	180+182	1,2,4-Trichlorobenzene	974	6668	1.753
95	37.368	225+226	Hexachlorobutadiene	975	545	0.188
96	37.784	128	Naphthalene	980	9347	2.655
97	38.407	180+182	1,2,3-Trichlorobenzene	976	6055	1.592

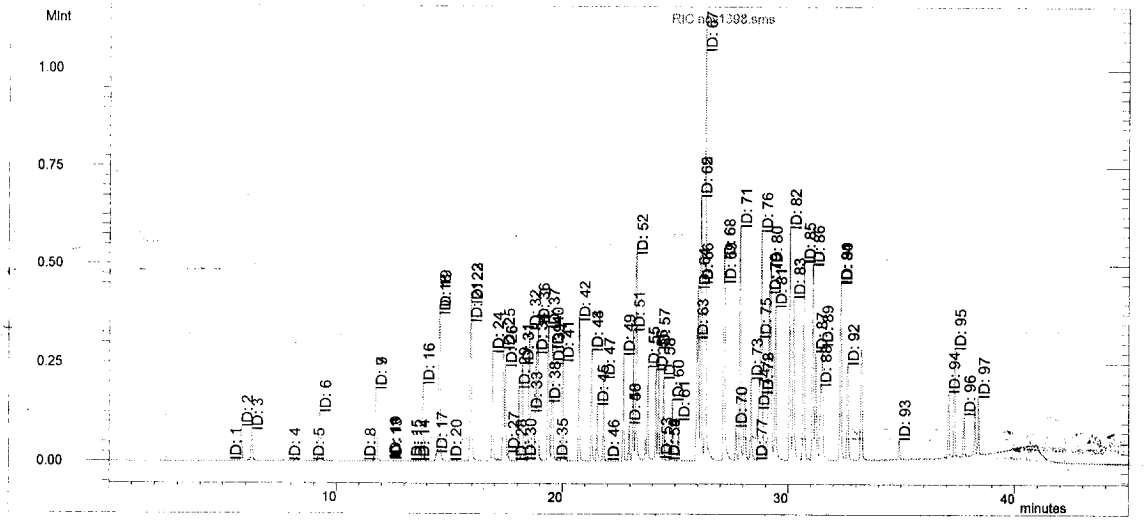
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1398.sms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv **Acquisition Dat** 11/21/02 2:05:02 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.006	96+70	Fluorobenzene (IS1)	999	420950	50.000
63	25.955	117	Chlorobenzene-d5(IS2)	990	254331	50.000
88	31.431	152	1,4-Dichlorobenzene-d4(IS3)	972	117251	50.000
1	5.334	85	Dichlorodifluoromethane	589	0	0.000
2	5.821	50+52	Chloromethane	995	141679	82.812
3	6.272	62+64	Vinyl Chloride	998	239965	66.988
4	7.919	94+96	Bromomethane	653	0	0.000
5	8.988	49	Chloroethane	678	0	0.000
6	9.269	101+103	Trichlorofluoromethane	995	522854	67.841
7	11.725	101+151	Trichlorotrifluoroethane (Freon 113)	839	0	0.000
8	11.245	56	Acrolein	756	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	999	566921	67.322
10	12.345	142	Iodomethane	948	2219	2218.775
11	12.366	43+58	Acetone	974	26712	56.821
12	13.463	45	Isopropyl alcohol (2-Propanol)	281	0	0.000
13	12.408	76	Carbon disulfide	926	0	0.000
14	13.629	41	Acetonitrile	619	0	0.000
15	13.309	41	Allyl chloride	714	0	0.000
16	13.826	84+49+86	Methylene Chloride	999	456579	48.875
17	14.423	59	tert-Butanol	560	41233	278.769
18	14.536	73	Methyl-tert-butyl-ether (MTBE)	921	209487	46.708
19	14.552	61+96	t-1,2-Dichloroethene	975	438606	64.082
20	15.053	53	Acrylonitrile	830	0	0.000
21	15.933	63	1,1-Dichloroethane	983	297001	61.259
22	15.960	43	Vinyl acetate	730	158327	158327.100

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.960	45	Isopropyl ether	995	390587	60.274
24	16.904	59	Ethyl-tert-butyl-ether	999	413075	58.815
25	17.383	77+41	2,2-Dichloropropane	993	429229	60.167
26	17.475	61+96	c-1,2-Dichloroethene	994	407051	56.603
27	17.586	43+72	2-Butanone (MEK)	959	37255	55.304
28	17.926	54	Propionitrile	558	0	0.000
29	18.060	130+49	Bromochloromethane	996	237596	55.600
30	18.359	39	Methacrylonitrile	605	0	0.000
31	18.232	83+85	Chloroform	1000	497096	57.305
32	18.540	97+99	1,1,1-Trichloroethane	983	635571	58.032
33	18.610	111	Dibromofluoromethane (Surr1)	937	97985	54.492
34	18.828	117+119	Carbon Tetrachloride	974	505902	58.204
35	19.752	42+72	Tetrahydrofuran	628	0	0.000
36	18.913	75+39	1,1-Dichloropropene	994	0	0.000
37	19.366	78	Benzene	997	350129	52.743
38	19.409	65	1,2-Dichloroethane-d4 (Surr2)	986	114616	50.973
39	19.575	62+64	1,2-Dichloroethane	980	267669	59.517
40	19.541	73+55+87	tert-Amyl-methyl-ether	972	411917	53.230
42	20.736	130+132+95	Trichloroethene	988	504349	58.506
43	21.301	41	Methyl methacrylate	518	104250	104250.500
44	21.301	63+65	1,2-Dichloropropane	999	138262	61.913
45	21.551	93+174	Dibromomethane	957	168520	58.028
46	22.033	88	1,4-Dioxane	550	0	0.000
47	21.828	83+85	Bromodichloromethane	991	333368	54.361
48	22.962	63+43	2-Chloroethyl vinyl ether	988	82220	57.328
49	22.702	75+77+39	c-1,3-Dichloropropene	983	356366	53.343
50	22.962	43+58	4-Methyl-2-pentanone	988	110802	59.030
51	23.134	98	Toluene-d8 (Surr3)	993	391106	53.290
52	23.265	92+91	Toluene	996	1057844	58.625
53	24.376	69	Ethyl methacrylate	381	112	112.001
54	24.714	43+58+100	2-Hexanone	410	0	0.000
55	23.796	75+77	t-1,3-Dichloropropene	646	156458	57.475
56	24.158	97+99	1,1,2-Trichloroethane	971	181465	54.228
57	24.270	164+166	Tetrachloroethene	946	44313	56.454
58	24.497	76+41	1,3-Dichloropropane	987	255802	51.430
59	24.714	43	Isobutyl alcohol	503	0	0.000
60	24.884	129+127	Dibromochloromethane	953	203944	55.327
61	25.156	107+109	1,2-Dibromoethane	985	214169	52.234
62	26.113	91	1-Chlorohexane	996	734689	57.762
64	26.011	112+114	Chlorobenzene	994	547616	52.879
65	26.113	106+91	Ethylbenzene	996	1057096	51.469
66	26.154	131+117	1,1,1,2-Tetrachloroethane	991	244760	20.670
67	26.331	106+91	p,m-Xylenes	996	1833190	105.522
68	27.147	106+91	o-Xylene	998	922146	51.412
69	27.193	104+78	Styrene	986	547913	48.858
70	27.698	171+173+175	Bromoform	934	118800	50.230
71	27.871	105+120	Isopropylbenzene	999	1066462	53.983
72	28.868	75	cis-1,4-Dichloro-2-butene	971	67193	46.809
73	28.366	95	p-Bromofluorobenzene (Surr4)	989	163583	50.909
74	28.694	83+85	1,1,2,2-Tetrachloroethane	972	163371	48.185
75	28.755	77+158	Bromobenzene	986	397140	50.060
76	28.812	91+120	n-Propylbenzene	996	1163861	51.295

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.592	75	trans-1,4-Dichloro-2-butene	430	0	0.000
78	28.868	75+110	1,2,3-Trichloropropane	966	101969	48.495
79	29.155	91+126	2-Chlorotoluene	991	724204	49.475
80	29.229	105+120	1,3,5-Trimethylbenzene	998	964431	53.533
81	29.439	91+126	4-Chlorotoluene	991	670266	51.277
82	30.075	119+91	tert-Butylbenzene	983	1287355	53.172
83	30.246	105+120	1,2,4-Trimethylbenzene	995	869765	53.242
84	32.325	117	Pentachloroethane	990	3832	52.248
85	30.694	105+134	sec-Butylbenzene	996	1019996	52.529
86	31.088	119	4-Isopropyltoluene	988	665289	52.672
87	31.223	146+148	1,3-Dichlorobenzene	992	423068	50.054
89	31.506	146+148	1,4-Dichlorobenzene	985	396221	49.513
90	32.325	91	Benzyl Chloride	991	511936	51.166
91	32.325	91+134	n-Butylbenzene	993	724372	49.744
92	32.641	146+148	1,2-Dichlorobenzene	985	353381	46.774
93	34.917	75+157	1,2-Dibromo-3-chloropropane	964	45786	41.807
94	37.086	180+182	1,2,4-Trichlorobenzene	976	163845	42.997
95	37.359	225+226	Hexachlorobutadiene	993	122928	42.230
96	37.782	128	Naphthalene	981	129930	36.829
97	38.402	180+182	1,2,3-Trichlorobenzene	982	136595	35.846

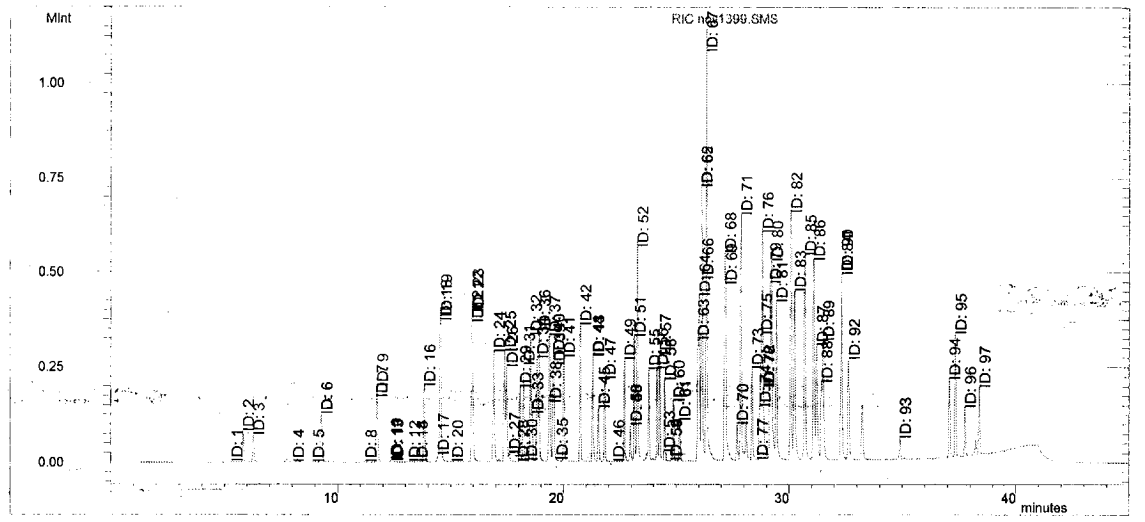
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1399.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 1 **Acquisition Dat** 11/21/02 2:51:50 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.009	96+70	Fluorobenzene (IS1)	999	453565	50.000
63	25.958	117	Chlorobenzene-d5(IS2)	981	270951	50.000
88	31.437	152	1,4-Dichlorobenzene-d4(IS3)	979	123973	50.000
1	5.335	85	Dichlorodifluoromethane	579	235	73.159
2	5.831	50+52	Chloromethane	994	131671	71.428
3	6.281	62+64	Vinyl Chloride	998	221932	57.499
4	8.034	94+96	Bromomethane	738	0	0.000
5	8.910	49	Chloroethane	144	0	0.000
6	9.271	101+103	Trichlorofluoromethane	995	534185	64.327
7	11.719	101+151	Trichlorotrifluoroethane (Freon 113)	858	0	0.000
8	11.227	56	Acrolein	783	0	0.000
9	11.738	96+61+98	1,1-Dichloroethene	999	620596	68.397
10	12.352	142	Iodomethane	957	2163	2162.996
11	12.373	43+58	Acetone	986	26526	52.368
12	13.160	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.418	76	Carbon disulfide	942	764	39.002
14	13.486	41	Acetonitrile	545	515	0.246
15	13.486	41	Allyl chloride	657	515	29.140
16	13.831	84+49+86	Methylene Chloride	999	473023	46.994
17	14.433	59	tert-Butanol	587	41641	261.281
18	14.540	73	Methyl-tert-butyl-ether (MTBE)	932	219104	45.339
19	14.556	61+96	t-1,2-Dichloroethene	988	443274	60.107
20	15.065	53	Acrylonitrile	627	0	0.000
21	15.938	63	1,1-Dichloroethane	983	298910	57.219
22	15.965	43	Vinyl acetate	733	165050	165050.200

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.963	45	Isopropyl ether	987	403662	57.813
24	16.909	59	Ethyl-tert-butyl-ether	998	440969	58.272
25	17.387	77+41	2,2-Dichloropropane	993	433375	56.380
26	17.479	61+96	c-1,2-Dichloroethene	991	425371	54.897
27	17.590	43+72	2-Butanone (MEK)	966	39351	54.214
28	17.970	54	Propionitrile	536	0	0.000
29	18.063	130+49	Bromochloromethane	996	248221	53.909
30	18.344	39	Methacrylonitrile	392	0	0.000
31	18.236	83+85	Chloroform	1000	513719	54.963
32	18.544	97+99	1,1,1-Trichloroethane	983	647611	54.880
33	18.615	111	Dibromofluoromethane (Surr1)	941	103323	53.329
34	18.832	117+119	Carbon Tetrachloride	969	513902	54.873
35	19.708	42+72	Tetrahydrofuran	626	0	0.000
36	18.917	75+39	1,1-Dichloropropene	994	38668	8.138
37	19.370	78	Benzene	997	360648	50.421
38	19.413	65	1,2-Dichloroethane-d4 (Surr2)	986	118501	48.911
39	19.580	62+64	1,2-Dichloroethane	977	274770	56.703
40	19.542	73+55+87	tert-Amyl-methyl-ether	972	433131	51.946
42	20.741	130+132+95	Trichloroethene	987	510297	55.565
43	21.303	41	Methyl methacrylate	504	107491	107491.300
44	21.305	63+65	1,2-Dichloropropane	999	142793	60.020
45	21.556	93+174	Dibromomethane	957	181139	58.547
46	22.213	88	1,4-Dioxane	507	14	14.333
47	21.832	83+85	Bromodichloromethane	991	350013	53.574
48	22.966	63+43	2-Chloroethyl vinyl ether	990	89395	58.507
49	22.707	75+77+39	c-1,3-Dichloropropene	991	383046	53.820
50	22.966	43+58	4-Methyl-2-pentanone	990	120034	60.026
51	23.138	98	Toluene-d8 (Surr3)	993	414986	53.075
52	23.269	92+91	Toluene	996	1110721	57.779
53	24.461	69	Ethyl methacrylate	422	0	0.000
54	24.763	43+58+100	2-Hexanone	524	0	0.000
55	23.801	75+77	t-1,3-Dichloropropene	648	165045	56.910
56	24.161	97+99	1,1,2-Trichloroethane	973	195883	54.946
57	24.276	164+166	Tetrachloroethene	963	45411	54.304
58	24.501	76+41	1,3-Dichloropropane	987	265846	50.171
59	24.763	43	Isobutyl alcohol	575	0	0.000
60	24.587	129+127	Dibromochloromethane	948	221126	56.309
61	25.160	107+109	1,2-Dibromoethane	986	229383	52.512
62	26.118	91	1-Chlorohexane	997	752793	55.555
64	26.015	112+114	Chlorobenzene	993	586668	53.175
65	26.118	106+91	Ethylbenzene	997	1077794	49.632
66	26.159	131+117	1,1,1,2-Tetrachloroethane	982	258773	20.668
67	26.336	106+91	p,m-Xylenes	996	1870035	101.806
68	27.151	106+91	o-Xylene	997	987145	52.051
69	27.198	104+78	Styrene	986	583652	49.222
70	27.703	171+173+175	Bromoform	930	127884	51.138
71	27.876	105+120	Isopropylbenzene	999	1110130	53.146
72	28.870	75	cis-1,4-Dichloro-2-butene	968	74689	49.209
73	28.370	95	p-Bromofluorobenzene (Surr4)	990	182212	53.632
74	28.698	83+85	1,1,2,2-Tetrachloroethane	968	178769	49.868
75	28.758	77+158	Bromobenzene	985	422779	50.402
76	28.815	91+120	n-Propylbenzene	996	1249422	52.080

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.581	75	trans-1,4-Dichloro-2-butene	433	0	0.000
78	28.871	75+110	1,2,3-Trichloropropane	967	112646	50.668
79	29.160	91+126	2-Chlorotoluene	991	775526	50.108
80	29.234	105+120	1,3,5-Trimethylbenzene	997	1041294	54.665
81	29.443	91+126	4-Chlorotoluene	992	723660	52.359
82	30.081	119+91	tert-Butylbenzene	986	1421916	55.545
83	30.250	105+120	1,2,4-Trimethylbenzene	996	966894	55.978
84	32.327	117	Pentachloroethane	990	4269	55.051
85	30.699	105+134	sec-Butylbenzene	996	1104909	53.817
86	31.093	119	4-Isopropyltoluene	987	736510	55.149
87	31.229	146+148	1,3-Dichlorobenzene	986	474815	53.130
89	31.510	146+148	1,4-Dichlorobenzene	979	441884	52.225
90	32.329	91	Benzyl Chloride	991	580135	54.838
91	32.329	91+134	n-Butylbenzene	991	832019	54.038
92	32.644	146+148	1,2-Dichlorobenzene	991	398244	49.854
93	34.920	75+157	1,2-Dibromo-3-chloropropane	958	54322	46.912
94	37.087	180+182	1,2,4-Trichlorobenzene	976	204157	50.670
95	37.361	225+226	Hexachlorobutadiene	994	150238	48.813
96	37.781	128	Naphthalene	981	166334	44.592
97	38.404	180+182	1,2,3-Trichlorobenzene	983	174247	43.247

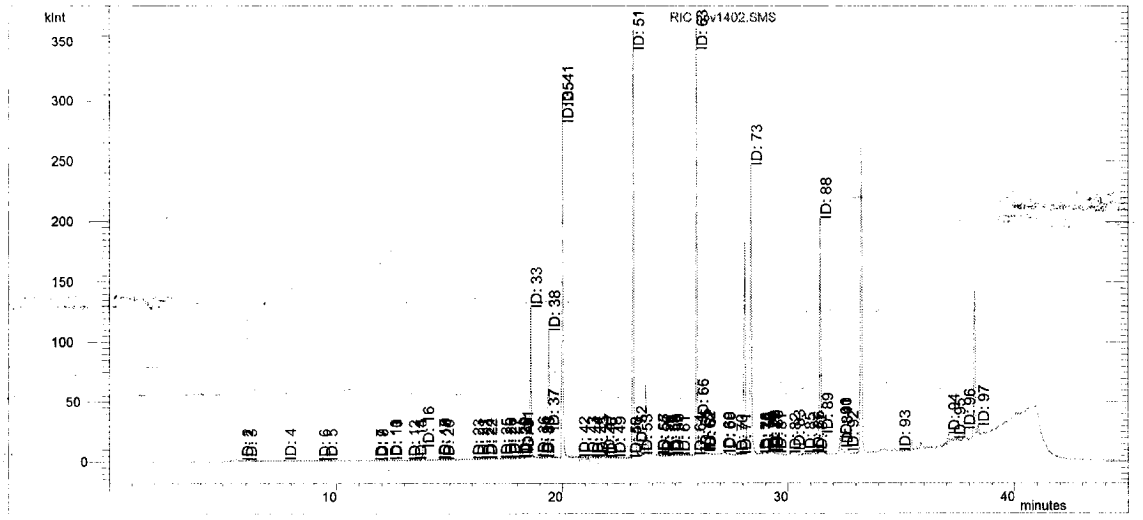
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1402.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-561 5.51g **Acquisition Dat** 11/21/02 5:13:04 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.005	96+70	Fluorobenzene (IS1)	998	494309	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	990	301348	50.000
88	31.434	152	1,4-Dichlorobenzene-d4(IS3)	980	121139	50.000
1	5.845	85	Dichlorodifluoromethane	100	0	0.000
2	5.833	50+52	Chloromethane	654	0	0.000
3	6.011	62+64	Vinyl Chloride	627	0	0.000
4	7.743	94+96	Bromomethane	888	0	0.000
5	9.550	49	Chloroethane	104	0	0.000
6	9.231	101+103	Trichlorofluoromethane	839	0	0.000
7	11.717	101+151	Trichlorotrifluoroethane (Freon 113)	775	0	0.000
8	11.795	56	Acrolein	736	0	0.000
9	11.784	96+61+98	1,1-Dichloroethene	635	0	0.000
10	12.366	142	Iodomethane	920	204	204.476
11	12.383	43+58	Acetone	809	0	0.000
12	13.204	45	Isopropyl alcohol (2-Propanol)	544	0	0.000
13	12.413	76	Carbon disulfide	865	984	46.103
14	13.488	41	Acetonitrile	557	0	0.000
15	13.488	41	Allyl chloride	702	0	0.000
16	13.827	84+49+86	Methylene Chloride	991	24845	2.265
17	14.516	59	tert-Butanol	455	0	0.000
18	14.561	73	Methyl-tert-butyl-ether (MTBE)	882	1068	0.203
19	14.567	61+96	t-1,2-Dichloroethene	792	0	0.000
20	14.721	53	Acrylonitrile	459	0	0.000
21	16.233	63	1,1-Dichloroethane	606	0	0.000
22	16.619	43	Vinyl acetate	57	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.043	45	Isopropyl ether	323	0	0.000
24	16.505	59	Ethyl-tert-butyl-ether	628	0	0.000
25	17.286	77+41	2,2-Dichloropropane	536	0	0.000
26	17.464	61+96	c-1,2-Dichloroethene	774	0	0.000
27	17.633	43+72	2-Butanone (MEK)	658	0	0.000
28	18.146	54	Propionitrile	595	0	0.000
29	18.064	130+49	Bromochloromethane	915	498	0.099
30	18.119	39	Methacrylonitrile	509	0	0.000
31	18.234	83+85	Chloroform	996	11411	1.120
32	18.170	97+99	1,1,1-Trichloroethane	630	0	0.000
33	18.611	111	Dibromofluoromethane (Surr1)	807	112869	53.454
34	19.084	117+119	Carbon Tetrachloride	718	0	0.000
35	19.999	42+72	Tetrahydrofuran	323	401	400.808
36	18.931	75+39	1,1-Dichloropropene	605	0	0.000
37	19.370	78	Benzene	882	1589	0.204
38	19.407	65	1,2-Dichloroethane-d4 (Surr2)	952	154251	58.419
39	19.151	62+64	1,2-Dichloroethane	625	0	0.000
40	19.151	73+55+87	tert-Amyl-methyl-ether	577	0	0.000
42	20.739	130+132+95	Trichloroethene	853	0	0.000
43	21.098	41	Methyl methacrylate	545	0	0.000
44	21.327	63+65	1,2-Dichloropropane	557	0	0.000
45	21.544	93+174	Dibromomethane	864	0	0.000
46	21.943	88	1,4-Dioxane	561	0	0.000
47	21.834	83+85	Bromodichloromethane	960	4027	0.554
48	22.996	63+43	2-Chloroethyl vinyl ether	318	0	0.000
49	22.314	75+77+39	c-1,3-Dichloropropene	514	0	0.000
50	22.996	43+58	4-Methyl-2-pentanone	317	0	0.000
51	23.135	98	Toluene-d8 (Surr3)	993	446767	51.376
52	23.270	92+91	Toluene	913	6519	0.305
53	23.505	69	Ethyl methacrylate	494	0	0.000
54	24.743	43+58+100	2-Hexanone	424	0	0.000
55	24.245	75+77	t-1,3-Dichloropropene	463	0	0.000
56	24.423	97+99	1,1,2-Trichloroethane	585	0	0.000
57	24.269	164+166	Tetrachloroethene	890	157	0.168
58	24.758	76+41	1,3-Dichloropropane	608	0	0.000
59	24.731	43	Isobutyl alcohol	493	0	0.000
60	24.886	129+127	Dibromochloromethane	822	696	0.159
61	25.169	107+109	1,2-Dibromoethane	827	0	0.000
62	26.302	91	1-Chlorohexane	879	0	0.000
64	25.859	112+114	Chlorobenzene	653	0	0.000
65	26.123	106+91	Ethylbenzene	903	0	0.000
66	26.007	131+117	1,1,1,2-Tetrachloroethane	496	0	0.000
67	26.330	106+91	p,m-Xylenes	973	0	0.000
68	27.150	106+91	o-Xylene	975	0	0.000
69	27.201	104+78	Styrene	919	0	0.000
70	27.714	171+173+175	Bromoform	781	0	0.000
71	27.880	105+120	Isopropylbenzene	930	0	0.000
72	28.873	75	cis-1,4-Dichloro-2-butene	636	0	0.000
73	28.368	95	p-Bromofluorobenzene (Surr4)	988	184307	55.518
74	29.106	83+85	1,1,2,2-Tetrachloroethane	529	0	0.000
75	28.759	77+158	Bromobenzene	916	0	0.000
76	28.822	91+120	n-Propylbenzene	915	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.118	75	trans-1,4-Dichloro-2-butene	413	0	0.000
78	28.885	75+110	1,2,3-Trichloropropane	584	0	0.000
79	29.157	91+126	2-Chlorotoluene	923	0	0.000
80	29.295	105+120	1,3,5-Trimethylbenzene	974	0	0.000
81	29.452	91+126	4-Chlorotoluene	839	0	0.000
82	30.080	119+91	tert-Butylbenzene	943	0	0.000
83	30.261	105+120	1,2,4-Trimethylbenzene	989	0	0.000
84	32.377	117	Pentachloroethane	963	0	0.000
85	30.735	105+134	sec-Butylbenzene	967	0	0.000
86	31.105	119	4-Isopropyltoluene	965	0	0.000
87	31.240	146+148	1,3-Dichlorobenzene	918	742	0.085
89	31.517	146+148	1,4-Dichlorobenzene	440	0	0.000
90	32.323	91	Benzyl Chloride	966	7702	0.745
91	32.324	91+134	n-Butylbenzene	962	6807	0.452
92	32.645	146+148	1,2-Dichlorobenzene	957	0	0.000
93	34.942	75+157	1,2-Dibromo-3-chloropropane	601	0	0.000
94	37.090	180+182	1,2,4-Trichlorobenzene	974	7491	1.903
95	37.367	225+226	Hexachlorobutadiene	949	0	0.000
96	37.781	128	Naphthalene	980	11041	3.029
97	38.403	180+182	1,2,3-Trichlorobenzene	975	6912	1.756

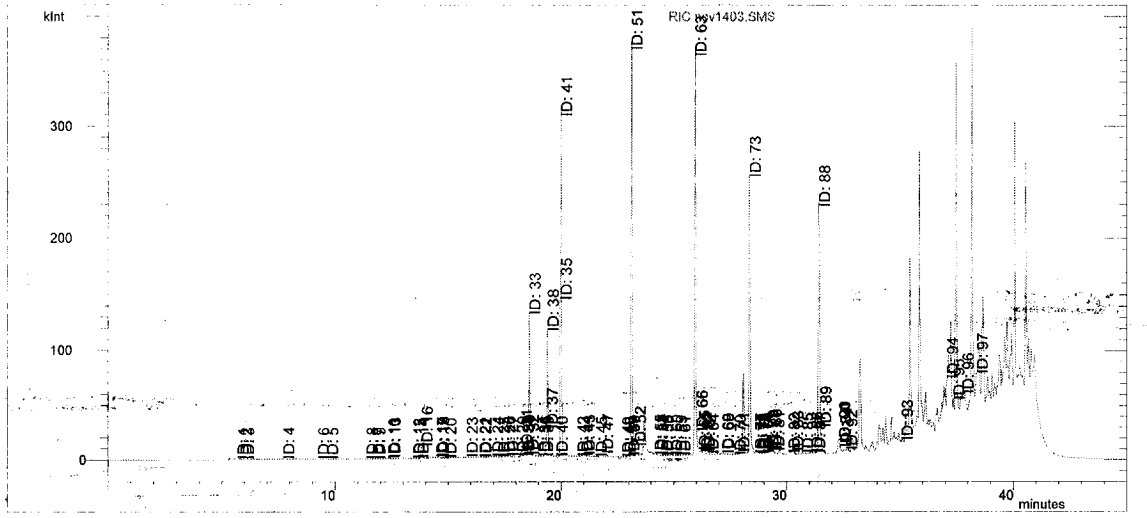
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1403.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-562 5.78g **Acquisition Dat** 11/21/02 6:00:46 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.004	96+70	Fluorobenzene (IS1)	998	506943	50.000
63	25.955	117	Chlorobenzene-d5(IS2)	982	313820	50.000
88	31.432	152	1,4-Dichlorobenzene-d4(IS3)	974	140346	50.000
1	5.715	85	Dichlorodifluoromethane	76	0	0.000
2	5.833	50+52	Chloromethane	441	0	0.000
3	5.936	62+64	Vinyl Chloride	615	0	0.000
4	7.731	94+96	Bromomethane	893	0	0.000
5	9.641	49	Chloroethane	103	0	0.000
6	9.244	101+103	Trichlorofluoromethane	842	364	0.039
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	814	0	0.000
8	11.397	56	Acrolein	745	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	813	0	0.000
10	12.344	142	Iodomethane	893	209	208.525
11	12.388	43+58	Acetone	875	1701	3.005
12	13.461	45	Isopropyl alcohol (2-Propanol)	309	0	0.000
13	12.408	76	Carbon disulfide	978	1743	79.634
14	13.654	41	Acetonitrile	774	0	0.000
15	13.488	41	Allyl chloride	629	0	0.000
16	13.821	84+49+86	Methylene Chloride	992	23125	2.055
17	14.489	59	tert-Butanol	481	166	0.934
18	14.551	73	Methyl-tert-butyl-ether (MTBE)	875	545	0.101
19	14.528	61+96	t-1,2-Dichloroethene	682	0	0.000
20	14.875	53	Acrylonitrile	766	0	0.000
21	16.387	63	1,1-Dichloroethane	647	0	0.000
22	16.438	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.835	45	Isopropyl ether	333	0	0.000
24	16.951	59	Ethyl-tert-butyl-ether	705	0	0.000
25	17.219	77+41	2,2-Dichloropropane	457	0	0.000
26	17.476	61+96	c-1,2-Dichloroethene	811	0	0.000
27	17.618	43+72	2-Butanone (MEK)	723	0	0.000
28	18.300	54	Propionitrile	489	0	0.000
29	18.060	130+49	Bromochloromethane	904	527	0.102
30	18.351	39	Methacrylonitrile	458	0	0.000
31	18.233	83+85	Chloroform	996	11491	1.100
32	18.529	97+99	1,1,1-Trichloroethane	670	0	0.000
33	18.608	111	Dibromofluoromethane (Surr1)	907	117258	54.149
34	19.019	117+119	Carbon Tetrachloride	660	0	0.000
35	19.979	42+72	Tetrahydrofuran	322	119	119.210
36	19.059	75+39	1,1-Dichloropropene	524	0	0.000
37	19.368	78	Benzene	621	1300	0.163
38	19.406	65	1,2-Dichloroethane-d4 (Surr2)	918	165744	61.207
39	19.161	62+64	1,2-Dichloroethane	515	0	0.000
40	19.796	73+55+87	tert-Amyl-methyl-ether	577	0	0.000
42	20.738	130+132+95	Trichloroethene	832	0	0.000
43	21.022	41	Methyl methacrylate	648	0	0.000
44	20.919	63+65	1,2-Dichloropropane	572	0	0.000
45	21.546	93+174	Dibromomethane	831	0	0.000
46	22.817	88	1,4-Dioxane	462	0	0.000
47	21.828	83+85	Bromodichloromethane	952	4064	0.537
48	22.983	63+43	2-Chloroethyl vinyl ether	852	1313	0.742
49	22.714	75+77+39	c-1,3-Dichloropropene	602	0	0.000
50	22.983	43+58	4-Methyl-2-pentanone	893	1739	0.751
51	23.133	98	Toluene-d8 (Surr3)	996	473996	52.341
52	23.267	92+91	Toluene	925	6151	0.276
53	24.466	69	Ethyl methacrylate	468	0	0.000
54	24.260	43+58+100	2-Hexanone	363	0	0.000
55	24.173	75+77	t-1,3-Dichloropropene	372	0	0.000
56	24.466	97+99	1,1,2-Trichloroethane	625	0	0.000
57	24.276	164+166	Tetrachloroethene	526	0	0.000
58	24.505	76+41	1,3-Dichloropropane	383	0	0.000
59	25.097	43	Isobutyl alcohol	373	0	0.000
60	24.892	129+127	Dibromochloromethane	865	0	0.000
61	25.251	107+109	1,2-Dibromoethane	754	0	0.000
62	26.217	91	1-Chlorohexane	793	0	0.000
64	26.513	112+114	Chlorobenzene	627	0	0.000
65	26.115	106+91	Ethylbenzene	884	0	0.000
66	26.014	131+117	1,1,1,2-Tetrachloroethane	615	0	0.000
67	26.332	106+91	p,m-Xylenes	981	0	0.000
68	27.152	106+91	o-Xylene	935	0	0.000
69	27.204	104+78	Styrene	910	0	0.000
70	27.703	171+173+175	Bromoform	723	267	0.094
71	27.875	105+120	Isopropylbenzene	968	2754	0.116
72	28.707	75	cis-1,4-Dichloro-2-butene	702	0	0.000
73	28.366	95	p-Bromofluorobenzene (Surr4)	989	201121	52.291
74	28.952	83+85	1,1,2,2-Tetrachloroethane	604	0	0.000
75	28.758	77+158	Bromobenzene	933	0	0.000
76	28.837	91+120	n-Propylbenzene	910	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.604	75	trans-1,4-Dichloro-2-butene	466	0	0.000
78	28.734	75+110	1,2,3-Trichloropropane	673	0	0.000
79	29.156	91+126	2-Chlorotoluene	838	0	0.000
80	29.300	105+120	1,3,5-Trimethylbenzene	962	0	0.000
81	29.428	91+126	4-Chlorotoluene	685	0	0.000
82	30.095	119+91	tert-Butylbenzene	965	0	0.000
83	30.264	105+120	1,2,4-Trimethylbenzene	990	0	0.000
84	32.379	117	Pentachloroethane	945	0	0.000
85	30.698	105+134	sec-Butylbenzene	973	0	0.000
86	31.097	119	4-Isopropyltoluene	978	0	0.000
87	31.227	146+148	1,3-Dichlorobenzene	890	0	0.000
89	31.503	146+148	1,4-Dichlorobenzene	502	0	0.000
90	32.326	91	Benzyl Chloride	970	6401	0.534
91	32.327	91+134	n-Butylbenzene	969	8564	0.491
92	32.647	146+148	1,2-Dichlorobenzene	940	0	0.000
93	35.105	75+157	1,2-Dibromo-3-chloropropane	360	0	0.000
94	37.094	180+182	1,2,4-Trichlorobenzene	905	5991	1.314
95	37.377	225+226	Hexachlorobutadiene	969	0	0.000
96	37.783	128	Naphthalene	974	10567	2.502
97	38.400	180+182	1,2,3-Trichlorobenzene	901	0	0.000

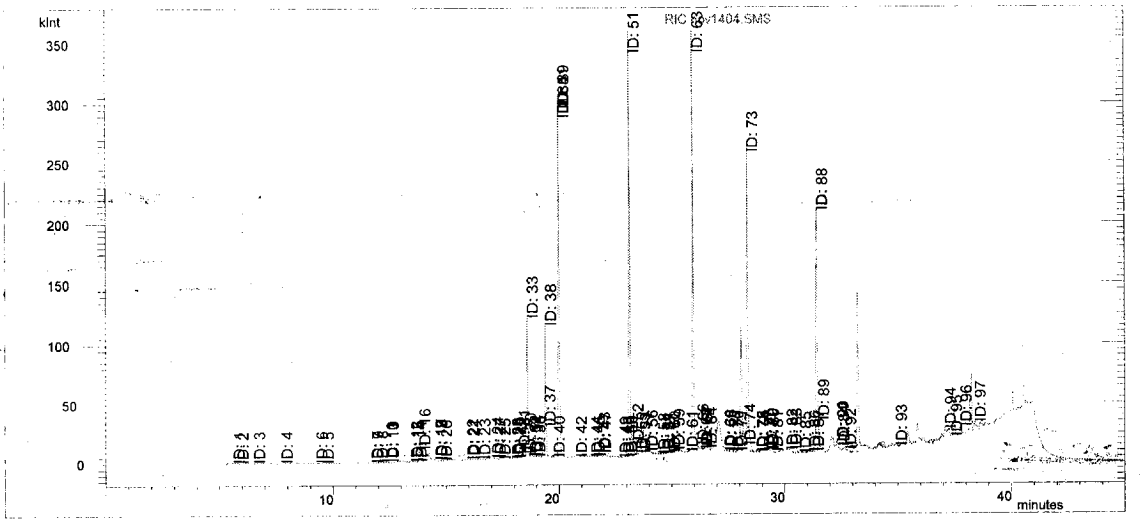
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1404.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-563 4.75g **Acquisition Dat** 11/21/02 6:47:24 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.002	96+70	Fluorobenzene (IS1)	999	487753	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	992	290934	50.000
88	31.431	152	1,4-Dichlorobenzene-d4(IS3)	982	126376	50.000
1	5.628	85	Dichlorodifluoromethane	134	0	0.000
2	5.794	50+52	Chloromethane	563	0	0.000
3	6.512	62+64	Vinyl Chloride	653	0	0.000
4	7.743	94+96	Bromomethane	874	0	0.000
5	9.538	49	Chloroethane	138	0	0.000
6	9.266	101+103	Trichlorofluoromethane	823	602	0.067
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	812	0	0.000
8	11.938	56	Acrolein	634	0	0.000
9	11.744	96+61+98	1,1-Dichloroethene	668	0	0.000
10	12.360	142	Iodomethane	913	125	125.260
11	12.379	43+58	Acetone	813	1012	1.858
12	13.449	45	Isopropyl alcohol (2-Propanol)	181	0	0.000
13	12.413	76	Carbon disulfide	857	847	40.239
14	13.654	41	Acetonitrile	768	0	0.000
15	13.501	41	Allyl chloride	670	0	0.000
16	13.821	84+49+86	Methylene Chloride	995	23529	2.174
17	14.528	59	tert-Butanol	479	0	0.000
18	14.580	73	Methyl-tert-butyl-ether (MTBE)	877	0	0.000
19	14.528	61+96	t-1,2-Dichloroethene	669	0	0.000
20	14.773	53	Acrylonitrile	707	0	0.000
21	16.016	63	1,1-Dichloroethane	648	0	0.000
22	15.937	43	Vinyl acetate	103	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.478	45	Isopropyl ether	315	0	0.000
24	17.042	59	Ethyl-tert-butyl-ether	615	0	0.000
25	17.361	77+41	2,2-Dichloropropane	473	0	0.000
26	17.965	61+96	c-1,2-Dichloroethene	713	0	0.000
27	17.156	43+72	2-Butanone (MEK)	150	0	0.000
28	17.913	54	Propionitrile	687	0	0.000
29	18.058	130+49	Bromochloromethane	920	462	0.093
30	18.506	39	Methacrylonitrile	459	0	0.000
31	18.229	83+85	Chloroform	985	11497	1.144
32	18.715	97+99	1,1,1-Trichloroethane	772	0	0.000
33	18.607	111	Dibromofluoromethane (Surr1)	795	107264	51.483
34	18.806	117+119	Carbon Tetrachloride	673	0	0.000
35	19.997	42+72	Tetrahydrofuran	324	513	513.155
36	18.909	75+39	1,1-Dichloropropene	653	0	0.000
37	19.367	78	Benzene	596	994	0.129
38	19.404	65	1,2-Dichloroethane-d4 (Surr2)	939	147505	56.616
39	20.001	62+64	1,2-Dichloroethane	367	12618	2.421
40	19.779	73+55+87	tert-Amyl-methyl-ether	584	0	0.000
42	20.757	130+132+95	Trichloroethene	821	0	0.000
43	21.771	41	Methyl methacrylate	577	0	0.000
44	21.439	63+65	1,2-Dichloropropane	426	0	0.000
45	21.553	93+174	Dibromomethane	852	0	0.000
46	22.839	88	1,4-Dioxane	427	0	0.000
47	21.831	83+85	Bromodichloromethane	939	4217	0.601
48	22.977	63+43	2-Chloroethyl vinyl ether	639	0	0.000
49	22.697	75+77+39	c-1,3-Dichloropropene	568	0	0.000
50	22.977	43+58	4-Methyl-2-pentanone	653	0	0.000
51	23.132	98	Toluene-d8 (Surr3)	997	444984	53.003
52	23.265	92+91	Toluene	920	5788	0.280
53	23.581	69	Ethyl methacrylate	505	0	0.000
54	24.590	43+58+100	2-Hexanone	406	0	0.000
55	23.415	75+77	t-1,3-Dichloropropene	416	0	0.000
56	23.896	97+99	1,1,2-Trichloroethane	570	0	0.000
57	24.677	164+166	Tetrachloroethene	649	0	0.000
58	24.409	76+41	1,3-Dichloropropane	488	0	0.000
59	25.087	43	Isobutyl alcohol	483	0	0.000
60	24.885	129+127	Dibromochloromethane	828	684	0.162
61	25.678	107+109	1,2-Dibromoethane	599	0	0.000
62	26.296	91	1-Chlorohexane	753	0	0.000
64	26.518	112+114	Chlorobenzene	647	0	0.000
65	26.296	106+91	Ethylbenzene	753	0	0.000
66	26.141	131+117	1,1,1,2-Tetrachloroethane	593	0	0.000
67	26.323	106+91	p,m-Xylenes	964	0	0.000
68	27.345	106+91	o-Xylene	767	0	0.000
69	27.396	104+78	Styrene	828	0	0.000
70	27.692	171+173+175	Bromoform	811	0	0.000
71	27.877	105+120	Isopropylbenzene	962	1883	0.088
72	28.795	75	cis-1,4-Dichloro-2-butene	723	0	0.000
73	28.365	95	p-Bromofluorobenzene (Surr4)	988	192838	55.680
74	28.220	83+85	1,1,2,2-Tetrachloroethane	532	0	0.000
75	28.756	77+158	Bromobenzene	915	0	0.000
76	28.807	91+120	n-Propylbenzene	866	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.094	75	trans-1,4-Dichloro-2-butene	503	0	0.000
78	28.795	75+110	1,2,3-Trichloropropane	692	0	0.000
79	29.193	91+126	2-Chlorotoluene	804	0	0.000
80	29.271	105+120	1,3,5-Trimethylbenzene	979	0	0.000
81	29.451	91+126	4-Chlorotoluene	611	0	0.000
82	30.105	119+91	tert-Butylbenzene	914	0	0.000
83	30.274	105+120	1,2,4-Trimethylbenzene	974	0	0.000
84	32.387	117	Pentachloroethane	966	0	0.000
85	30.696	105+134	sec-Butylbenzene	949	0	0.000
86	31.094	119	4-Isopropyltoluene	941	0	0.000
87	31.247	146+148	1,3-Dichlorobenzene	912	0	0.000
89	31.498	146+148	1,4-Dichlorobenzene	393	0	0.000
90	32.337	91	Benzyl Chloride	973	0	0.000
91	32.334	91+134	n-Butylbenzene	973	6287	0.401
92	32.671	146+148	1,2-Dichlorobenzene	927	0	0.000
93	34.925	75+157	1,2-Dibromo-3-chloropropane	291	0	0.000
94	37.093	180+182	1,2,4-Trichlorobenzene	972	6209	1.512
95	37.360	225+226	Hexachlorobutadiene	966	0	0.000
96	37.784	128	Naphthalene	986	8734	2.297
97	38.403	180+182	1,2,3-Trichlorobenzene	976	5671	1.381

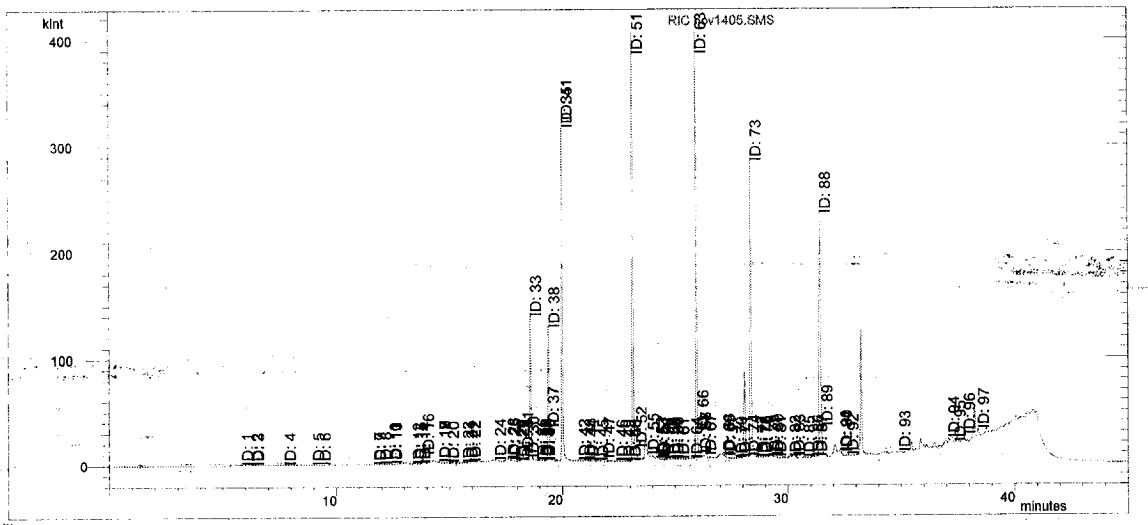
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1405.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-564 5.48g **Acquisition Dat** 11/21/02 7:34:17 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.001	96+70	Fluorobenzene (IS1)	999	555808	50.000
63	25.951	117	Chlorobenzene-d5(IS2)	989	331446	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	977	145787	50.000
1	5.833	85	Dichlorodifluoromethane	123	0	0.000
2	6.255	50+52	Chloromethane	604	0	0.000
3	6.330	62+64	Vinyl Chloride	627	0	0.000
4	7.731	94+96	Bromomethane	846	0	0.000
5	8.962	49	Chloroethane	150	0	0.000
6	9.267	101+103	Trichlorofluoromethane	743	234	0.023
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	811	0	0.000
8	11.937	56	Acrolein	752	0	0.000
9	11.693	96+61+98	1,1-Dichloroethene	624	0	0.000
10	12.348	142	Iodomethane	920	271	270.572
11	12.372	43+58	Acetone	768	0	0.000
12	13.398	45	Isopropyl alcohol (2-Propanol)	58	0	0.000
13	12.423	76	Carbon disulfide	915	0	0.000
14	13.660	41	Acetonitrile	623	0	0.000
15	13.488	41	Allyl chloride	627	0	0.000
16	13.822	84+49+86	Methylene Chloride	994	19530	1.563
17	14.542	59	tert-Butanol	478	0	0.000
18	14.554	73	Methyl-tert-butyl-ether (MTBE)	878	987	0.167
19	14.542	61+96	t-1,2-Dichloroethene	691	0	0.000
20	14.924	53	Acrylonitrile	709	0	0.000
21	15.757	63	1,1-Dichloroethane	650	0	0.000
22	15.899	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.603	45	Isopropyl ether	288	0	0.000
24	17.016	59	Ethyl-tert-butyl-ether	618	0	0.000
25	17.655	77+41	2,2-Dichloropropane	497	0	0.000
26	17.939	61+96	c-1,2-Dichloroethene	724	0	0.000
27	18.053	43+72	2-Butanone (MEK)	207	0	0.000
28	17.568	54	Propionitrile	548	0	0.000
29	18.056	130+49	Bromochloromethane	904	534	0.095
30	18.477	39	Methacrylonitrile	348	0	0.000
31	18.231	83+85	Chloroform	985	12134	1.059
32	19.033	97+99	1,1,1-Trichloroethane	632	0	0.000
33	18.606	111	Dibromofluoromethane (Surr1)	864	128211	54.001
34	19.112	117+119	Carbon Tetrachloride	676	0	0.000
35	19.992	42+72	Tetrahydrofuran	307	225	225.456
36	18.895	75+39	1,1-Dichloropropene	547	0	0.000
37	19.369	78	Benzene	849	1364	0.156
38	19.402	65	1,2-Dichloroethane-d4 (Surr2)	951	177404	59.753
39	19.163	62+64	1,2-Dichloroethane	534	0	0.000
40	19.203	73+55+87	tert-Amyl-methyl-ether	560	0	0.000
42	20.728	130+132+95	Trichloroethene	775	0	0.000
43	20.984	41	Methyl methacrylate	484	0	0.000
44	21.099	63+65	1,2-Dichloropropane	501	0	0.000
45	21.549	93+174	Dibromomethane	917	0	0.000
46	22.404	88	1,4-Dioxane	380	16	16.490
47	21.826	83+85	Bromodichloromethane	959	4171	0.522
48	22.985	63+43	2-Chloroethyl vinyl ether	468	0	0.000
49	22.701	75+77+39	c-1,3-Dichloropropene	561	0	0.000
50	22.985	43+58	4-Methyl-2-pentanone	458	0	0.000
51	23.130	98	Toluene-d8 (Surr3)	993	484415	50.647
52	23.262	92+91	Toluene	939	10058	0.428
53	24.180	69	Ethyl methacrylate	446	0	0.000
54	24.744	43+58+100	2-Hexanone	635	0	0.000
55	23.805	75+77	t-1,3-Dichloropropene	425	0	0.000
56	24.448	97+99	1,1,2-Trichloroethane	668	0	0.000
57	24.265	164+166	Tetrachloroethene	885	324	0.316
58	24.728	76+41	1,3-Dichloropropane	604	0	0.000
59	24.744	43	Isobutyl alcohol	694	0	0.000
60	24.882	129+127	Dibromochloromethane	870	0	0.000
61	25.139	107+109	1,2-Dibromoethane	729	0	0.000
62	26.120	91	1-Chlorohexane	904	0	0.000
64	25.719	112+114	Chlorobenzene	526	0	0.000
65	26.114	106+91	Ethylbenzene	937	1638	0.064
66	26.007	131+117	1,1,1,2-Tetrachloroethane	495	0	0.000
67	26.334	106+91	p,m-Xylenes	982	2721	0.126
68	27.149	106+91	o-Xylene	871	0	0.000
69	27.200	104+78	Styrene	940	0	0.000
70	27.698	171+173+175	Bromoform	783	0	0.000
71	27.867	105+120	Isopropylbenzene	929	0	0.000
72	28.765	75	cis-1,4-Dichloro-2-butene	502	0	0.000
73	28.363	95	p-Bromofluorobenzene (Surr4)	989	219132	54.848
74	28.246	83+85	1,1,2,2-Tetrachloroethane	617	0	0.000
75	28.753	77+158	Bromobenzene	890	0	0.000
76	28.816	91+120	n-Propylbenzene	885	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.626	75	trans-1,4-Dichloro-2-butene	534	0	0.000
78	28.765	75+110	1,2,3-Trichloropropane	477	0	0.000
79	29.139	91+126	2-Chlorotoluene	828	0	0.000
80	29.305	105+120	1,3,5-Trimethylbenzene	962	0	0.000
81	29.435	91+126	4-Chlorotoluene	790	0	0.000
82	30.086	119+91	tert-Butylbenzene	939	0	0.000
83	30.255	105+120	1,2,4-Trimethylbenzene	988	0	0.000
84	32.358	117	Pentachloroethane	979	0	0.000
85	30.701	105+134	sec-Butylbenzene	937	0	0.000
86	31.088	119	4-Isopropyltoluene	937	0	0.000
87	31.242	146+148	1,3-Dichlorobenzene	903	0	0.000
89	31.495	146+148	1,4-Dichlorobenzene	529	1953	0.196
90	32.347	91	Benzyl Chloride	975	0	0.000
91	32.347	91+134	n-Butylbenzene	970	0	0.000
92	32.633	146+148	1,2-Dichlorobenzene	956	1349	0.144
93	34.933	75+157	1,2-Dibromo-3-chloropropane	566	0	0.000
94	37.090	180+182	1,2,4-Trichlorobenzene	970	5695	1.202
95	37.368	225+226	Hexachlorobutadiene	932	0	0.000
96	37.778	128	Naphthalene	980	8247	1.880
97	38.404	180+182	1,2,3-Trichlorobenzene	968	5421	1.144

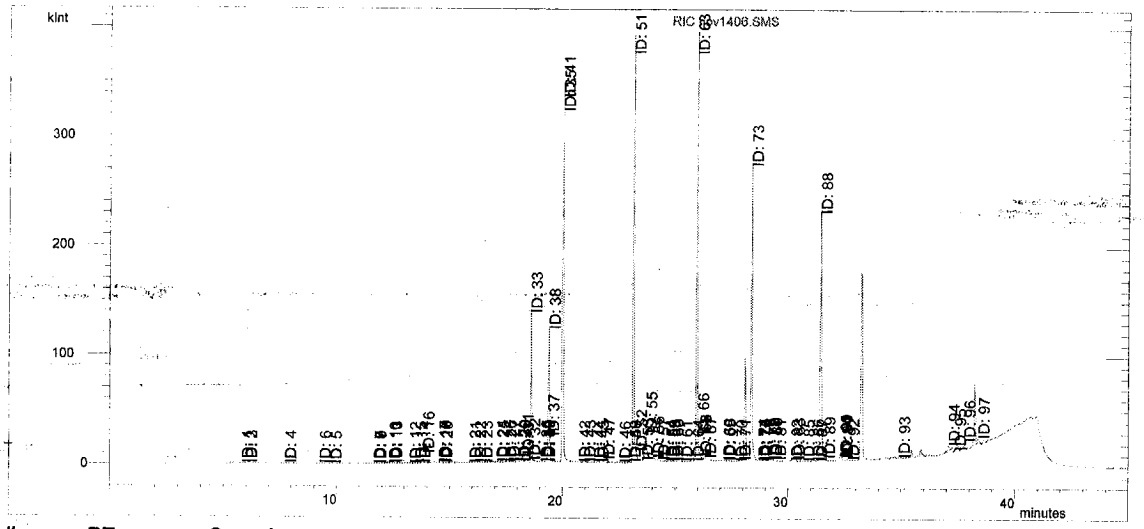
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1406.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-565 6.33g **Acquisition Dat** 11/21/02 8:21:00 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.001	96+70	Fluorobenzene (IS1)	999	559401	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	982	335544	50.000
88	31.431	152	1,4-Dichlorobenzene-d4(IS3)	977	141990	50.000
1	5.833	85	Dichlorodifluoromethane	78	0	0.000
2	6.023	50+52	Chloromethane	575	0	0.000
3	5.999	62+64	Vinyl Chloride	615	0	0.000
4	7.741	94+96	Bromomethane	864	515	0.269
5	9.743	49	Chloroethane	352	0	0.000
6	9.256	101+103	Trichlorofluoromethane	783	176	0.017
7	11.653	101+151	Trichlorotrifluoroethane (Freon 113)	793	0	0.000
8	11.665	56	Acrolein	679	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	609	0	0.000
10	12.332	142	Iodomethane	918	169	169.316
11	12.384	43+58	Acetone	820	0	0.000
12	13.244	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.411	76	Carbon disulfide	851	0	0.000
14	13.654	41	Acetonitrile	868	0	0.000
15	13.488	41	Allyl chloride	693	0	0.000
16	13.820	84+49+86	Methylene Chloride	993	20684	1.686
17	14.526	59	tert-Butanol	523	0	0.000
18	14.549	73	Methyl-tert-butyl-ether (MTBE)	888	748	0.125
19	14.553	61+96	t-1,2-Dichloroethene	714	0	0.000
20	14.640	53	Acrylonitrile	667	0	0.000
21	15.899	63	1,1-Dichloroethane	685	0	0.000
22	16.128	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.424	45	Isopropyl ether	405	0	0.000
24	17.091	59	Ethyl-tert-butyl-ether	716	0	0.000
25	17.130	77+41	2,2-Dichloropropane	458	0	0.000
26	17.462	61+96	c-1,2-Dichloroethene	805	0	0.000
27	17.615	43+72	2-Butanone (MEK)	758	0	0.000
28	18.117	54	Propionitrile	535	0	0.000
29	18.054	130+49	Bromochloromethane	894	449	0.079
30	18.128	39	Methacrylonitrile	498	0	0.000
31	18.230	83+85	Chloroform	996	11639	1.010
32	18.526	97+99	1,1,1-Trichloroethane	633	0	0.000
33	18.604	111	Dibromofluoromethane (Surr1)	847	124663	52.170
34	19.069	117+119	Carbon Tetrachloride	720	0	0.000
35	20.005	42+72	Tetrahydrofuran	319	621	620.688
36	19.045	75+39	1,1-Dichloropropene	284	0	0.000
37	19.363	78	Benzene	871	1536	0.174
38	19.401	65	1,2-Dichloroethane-d4 (Surr2)	943	174735	56.476
39	19.171	62+64	1,2-Dichloroethane	519	0	0.000
40	19.136	73+55+87	tert-Amyl-methyl-ether	554	0	0.000
42	20.738	130+132+95	Trichloroethene	871	0	0.000
43	20.979	41	Methyl methacrylate	477	0	0.000
44	21.405	63+65	1,2-Dichloropropane	532	0	0.000
45	21.559	93+174	Dibromomethane	895	0	0.000
46	22.534	88	1,4-Dioxane	570	0	0.000
47	21.828	83+85	Bromodichloromethane	950	4089	0.505
48	22.980	63+43	2-Chloroethyl vinyl ether	917	0	0.000
49	22.980	75+77+39	c-1,3-Dichloropropene	390	0	0.000
50	22.985	43+58	4-Methyl-2-pentanone	913	1012	0.409
51	23.130	98	Toluene-d8 (Surr3)	993	496371	51.264
52	23.264	92+91	Toluene	935	6720	0.282
53	23.542	69	Ethyl methacrylate	339	0	0.000
54	24.607	43+58+100	2-Hexanone	466	0	0.000
55	23.708	75+77	t-1,3-Dichloropropene	352	0	0.000
56	24.019	97+99	1,1,2-Trichloroethane	544	0	0.000
57	24.260	164+166	Tetrachloroethene	772	0	0.000
58	24.749	76+41	1,3-Dichloropropane	618	0	0.000
59	24.710	43	Isobutyl alcohol	472	0	0.000
60	24.883	129+127	Dibromochloromethane	816	787	0.162
61	25.274	107+109	1,2-Dibromoethane	713	0	0.000
62	26.115	91	1-Chlorohexane	885	0	0.000
64	25.787	112+114	Chlorobenzene	572	0	0.000
65	26.115	106+91	Ethylbenzene	887	0	0.000
66	26.012	131+117	1,1,1,2-Tetrachloroethane	496	0	0.000
67	26.334	106+91	p,m-Xylenes	964	2075	0.099
68	27.150	106+91	o-Xylene	940	1035	0.048
69	27.204	104+78	Styrene	923	0	0.000
70	27.705	171+173+175	Bromoform	739	0	0.000
71	27.873	105+120	Isopropylbenzene	968	1639	0.069
72	29.144	75	cis-1,4-Dichloro-2-butene	651	0	0.000
73	28.366	95	p-Bromofluorobenzene (Surr4)	988	218459	56.142
74	28.682	83+85	1,1,2,2-Tetrachloroethane	612	0	0.000
75	28.745	77+158	Bromobenzene	900	0	0.000
76	28.812	91+120	n-Propylbenzene	904	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.722	75	trans-1,4-Dichloro-2-butene	538	0	0.000
78	29.144	75+110	1,2,3-Trichloropropane	616	0	0.000
79	29.156	91+126	2-Chlorotoluene	849	0	0.000
80	29.247	105+120	1,3,5-Trimethylbenzene	963	0	0.000
81	29.440	91+126	4-Chlorotoluene	849	0	0.000
82	30.146	119+91	tert-Butylbenzene	939	0	0.000
83	30.249	105+120	1,2,4-Trimethylbenzene	988	0	0.000
84	32.386	117	Pentachloroethane	960	0	0.000
85	30.683	105+134	sec-Butylbenzene	950	0	0.000
86	31.093	119	4-Isopropyltoluene	962	0	0.000
87	31.247	146+148	1,3-Dichlorobenzene	900	0	0.000
89	31.602	146+148	1,4-Dichlorobenzene	527	0	0.000
90	32.347	91	Benzyl Chloride	970	0	0.000
91	32.329	91+134	n-Butylbenzene	976	4064	0.230
92	32.654	146+148	1,2-Dichlorobenzene	917	0	0.000
93	34.907	75+157	1,2-Dibromo-3-chloropropane	538	0	0.000
94	37.090	180+182	1,2,4-Trichlorobenzene	973	4728	1.025
95	37.376	225+226	Hexachlorobutadiene	952	0	0.000
96	37.781	128	Naphthalene	978	7806	1.827
97	38.404	180+182	1,2,3-Trichlorobenzene	974	4637	1.005

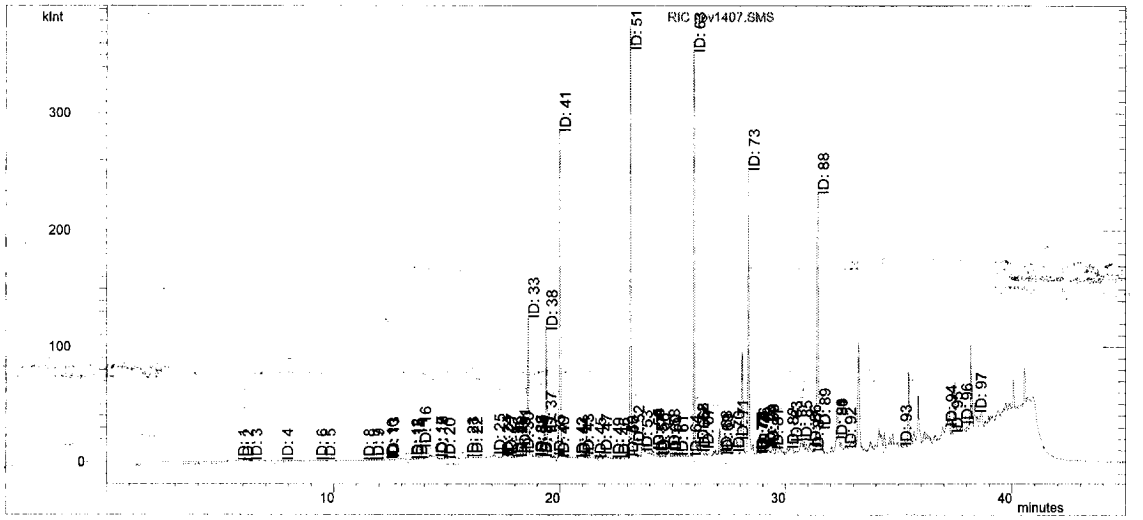
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1407.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-566 5.50g **Acquisition Dat** 11/21/02 9:08:40 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.002	96+70	Fluorobenzene (IS1)	999	484578	50.000
63	25.953	117	Chlorobenzene-d5(IS2)	982	303742	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	978	136621	50.000
1	5.782	85	Djchlorodifluoromethane	102	0	0.000
2	5.987	50+52	Chloromethane	569	0	0.000
3	6.346	62+64	Vinyl Chloride	652	0	0.000
4	7.731	94+96	Bromomethane	902	0	0.000
5	9.578	49	Chloroethane	111	0	0.000
6	9.231	101+103	Trichlorofluoromethane	824	0	0.000
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	796	0	0.000
8	11.322	56	Acrolein	732	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	721	0	0.000
10	12.332	142	Iodomethane	920	0	0.000
11	12.376	43+58	Acetone	906	4294	7.935
12	13.437	45	Isopropyl alcohol (2-Propanol)	279	0	0.000
13	12.407	76	Carbon disulfide	964	4434	211.947
14	13.642	41	Acetonitrile	789	0	0.000
15	13.488	41	Allyl chloride	614	0	0.000
16	13.817	84+49+86	Methylene Chloride	992	22628	2.104
17	14.501	59	tert-Butanol	602	794	4.661
18	14.553	73	Methyl-tert-butyl-ether (MTBE)	884	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	643	0	0.000
20	14.889	53	Acrylonitrile	635	0	0.000
21	15.914	63	1,1-Dichloroethane	852	0	0.000
22	16.092	43	Vinyl acetate	139	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.914	45	Isopropyl ether	373	0	0.000
24	17.441	59	Ethyl-tert-butyl-ether	687	0	0.000
25	17.094	77+41	2,2-Dichloropropane	411	0	0.000
26	17.915	61+96	c-1,2-Dichloroethene	570	0	0.000
27	17.607	43+72	2-Butanone (MEK)	801	1297	1.673
28	18.081	54	Propionitrile	523	0	0.000
29	18.053	130+49	Bromochloromethane	892	488	0.099
30	18.364	39	Methacrylonitrile	508	0	0.000
31	18.229	83+85	Chloroform	985	11383	1.140
32	18.971	97+99	1,1,1-Trichloroethane	696	0	0.000
33	18.605	111	Dibromofluoromethane (Surr1)	787	113115	54.646
34	19.113	117+119	Carbon Tetrachloride	634	0	0.000
35	19.738	42+72	Tetrahydrofuran	745	0	0.000
36	18.920	75+39	1,1-Dichloropropene	394	101	0.020
37	19.362	78	Benzene	727	2588	0.339
38	19.404	65	1,2-Dichloroethane-d4 (Surr2)	950	153933	59.469
39	19.176	62+64	1,2-Dichloroethane	431	0	0.000
40	19.927	73+55+87	tert-Amyl-methyl-ether	574	0	0.000
42	20.741	130+132+95	Trichloroethene	722	0	0.000
43	21.025	41	Methyl methacrylate	639	0	0.000
44	20.856	63+65	1,2-Dichloropropane	368	0	0.000
45	21.562	93+174	Dibromomethane	898	0	0.000
46	22.621	88	1,4-Dioxane	366	15	15.386
47	21.829	83+85	Bromodichloromethane	942	4098	0.559
48	22.986	63+43	2-Chloroethyl vinyl ether	646	0	0.000
49	22.359	75+77+39	c-1,3-Dichloropropene	518	0	0.000
50	22.986	43+58	4-Methyl-2-pentanone	646	0	0.000
51	23.132	98	Toluene-d8 (Surr3)	993	445707	50.850
52	23.264	92+91	Toluene	917	6263	0.291
53	23.635	69	Ethyl methacrylate	681	0	0.000
54	24.148	43+58+100	2-Hexanone	479	0	0.000
55	24.148	75+77	t-1,3-Dichloropropene	498	0	0.000
56	24.380	97+99	1,1,2-Trichloroethane	662	0	0.000
57	24.278	164+166	Tetrachloroethene	483	0	0.000
58	24.839	76+41	1,3-Dichloropropane	555	2790	0.470
59	24.146	43	Isobutyl alcohol	621	1794	1794.075
60	24.893	129+127	Dibromochloromethane	839	0	0.000
61	25.213	107+109	1,2-Dibromoethane	754	0	0.000
62	26.113	91	1-Chlorohexane	974	4013	0.264
64	25.792	112+114	Chlorobenzene	566	0	0.000
65	26.114	106+91	Ethylbenzene	974	5575	0.233
66	26.172	131+117	1,1,1,2-Tetrachloroethane	539	0	0.000
67	26.337	106+91	p,m-Xylenes	962	3491	0.172
68	27.150	106+91	o-Xylene	933	0	0.000
69	27.201	104+78	Styrene	927	0	0.000
70	27.694	171+173+175	Bromoform	651	263	0.095
71	27.871	105+120	Isopropylbenzene	941	5460	0.237
72	28.762	75	cis-1,4-Dichloro-2-butene	640	0	0.000
73	28.364	95	p-Bromofluorobenzene (Surr4)	987	192583	51.437
74	28.735	83+85	1,1,2,2-Tetrachloroethane	622	0	0.000
75	28.750	77+158	Bromobenzene	898	0	0.000
76	28.813	91+120	n-Propylbenzene	963	4846	0.183

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.711	75	trans-1,4-Dichloro-2-butene	390	0	0.000
78	29.104	75+110	1,2,3-Trichloropropane	591	0	0.000
79	29.222	91+126	2-Chlorotoluene	721	0	0.000
80	29.230	105+120	1,3,5-Trimethylbenzene	984	8251	0.393
81	29.429	91+126	4-Chlorotoluene	681	0	0.000
82	30.094	119+91	tert-Butylbenzene	836	0	0.000
83	30.248	105+120	1,2,4-Trimethylbenzene	992	19593	1.029
84	32.249	117	Pentachloroethane	789	0	0.000
85	30.692	105+134	sec-Butylbenzene	927	4527	0.200
86	31.079	119	4-Isopropyltoluene	966	3221	0.219
87	31.213	146+148	1,3-Dichlorobenzene	836	0	0.000
89	31.506	146+148	1,4-Dichlorobenzene	350	2153	0.231
90	32.249	91	Benzyl Chloride	790	0	0.000
91	32.249	91+134	n-Butylbenzene	797	0	0.000
92	32.641	146+148	1,2-Dichlorobenzene	890	0	0.000
93	35.094	75+157	1,2-Dibromo-3-chloropropane	436	0	0.000
94	37.087	180+182	1,2,4-Trichlorobenzene	943	4133	0.991
95	37.359	225+226	Hexachlorobutadiene	948	0	0.000
96	37.778	128	Naphthalene	980	8243	2.005
97	38.398	180+182	1,2,3-Trichlorobenzene	941	4101	0.924

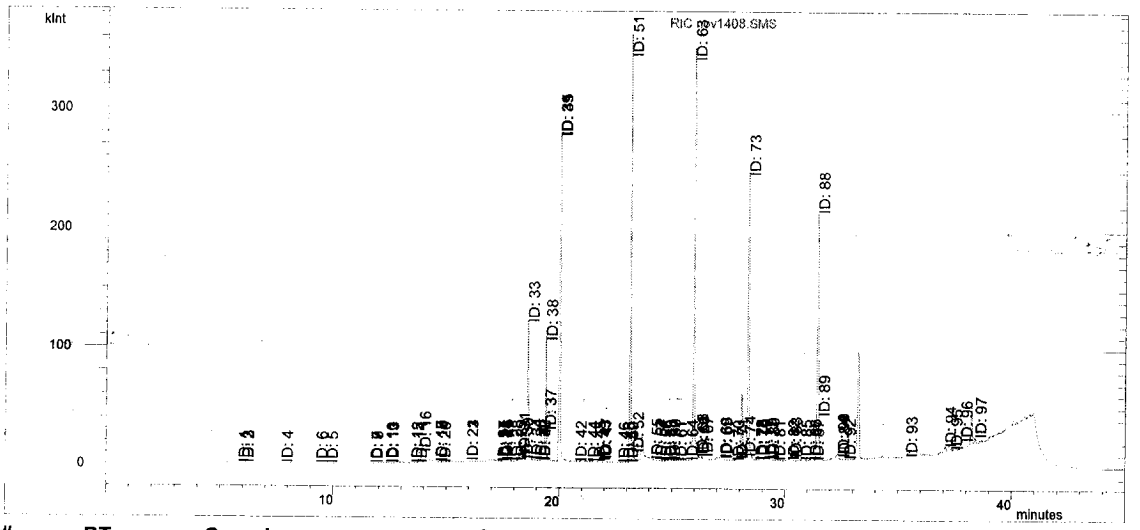
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1408.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-567 5.08g **Acquisition Dat** 11/21/02 9:55:17 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.999	96+70	Fluorobenzene (IS1)	999	475838	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	989	289055	50.000
88	31.428	152	1,4-Dichlorobenzene-d4(IS3)	977	129094	50.000
1	5.833	85	Dichlorodifluoromethane	81	0	0.000
2	6.023	50+52	Chloromethane	556	0	0.000
3	5.999	62+64	Vinyl Chloride	627	0	0.000
4	7.743	94+96	Bromomethane	882	0	0.000
5	9.732	49	Chloroethane	672	0	0.000
6	9.259	101+103	Trichlorofluoromethane	814	120	0.014
7	11.666	101+151	Trichlorotrifluoroethane (Freon 113)	843	0	0.000
8	11.705	56	Acrolein	660	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	811	0	0.000
10	12.348	142	Iodomethane	909	122	121.553
11	12.384	43+58	Acetone	736	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	172	0	0.000
13	12.411	76	Carbon disulfide	857	0	0.000
14	13.654	41	Acetonitrile	583	0	0.000
15	13.477	41	Allyl chloride	658	0	0.000
16	13.821	84+49+86	Methylene Chloride	988	22093	2.092
17	14.528	59	tert-Butanol	384	0	0.000
18	14.556	73	Methyl-tert-butyl-ether (MTBE)	896	0	0.000
19	14.528	61+96	t-1,2-Dichloroethene	661	0	0.000
20	14.694	53	Acrylonitrile	774	0	0.000
21	15.929	63	1,1-Dichloroethane	940	1000	0.188
22	15.925	43	Vinyl acetate	125	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.925	45	Isopropyl ether	404	0	0.000
24	17.401	59	Ethyl-tert-butyl-ether	721	0	0.000
25	17.350	77+41	2,2-Dichloropropane	521	0	0.000
26	17.465	61+96	c-1,2-Dichloroethene	593	0	0.000
27	17.275	43+72	2-Butanone (MEK)	170	0	0.000
28	17.875	54	Propionitrile	630	0	0.000
29	18.061	130+49	Bromochloromethane	879	449	0.093
30	18.351	39	Methacrylonitrile	278	0	0.000
31	18.226	83+85	Chloroform	985	11137	1.136
32	19.088	97+99	1,1,1-Trichloroethane	557	0	0.000
33	18.604	111	Dibromofluoromethane (Surr1)	753	109888	54.062
34	18.752	117+119	Carbon Tetrachloride	659	0	0.000
35	19.999	42+72	Tetrahydrofuran	322	508	508.106
36	18.946	75+39	1,1-Dichloropropene	397	0	0.000
37	19.366	78	Benzene	800	1205	0.161
38	19.402	65	1,2-Dichloroethane-d4 (Surr2)	935	146017	57.447
39	20.003	62+64	1,2-Dichloroethane	540	11874	2.336
40	19.123	73+55+87	tert-Amyl-methyl-ether	581	0	0.000
42	20.726	130+132+95	Trichloroethene	866	0	0.000
43	21.776	41	Methyl methacrylate	518	0	0.000
44	21.279	63+65	1,2-Dichloropropane	443	0	0.000
45	21.547	93+174	Dibromomethane	905	0	0.000
46	22.625	88	1,4-Dioxane	474	0	0.000
47	21.827	83+85	Bromodichloromethane	955	3869	0.555
48	22.842	63+43	2-Chloroethyl vinyl ether	452	0	0.000
49	22.996	75+77+39	c-1,3-Dichloropropene	437	0	0.000
50	23.007	43+58	4-Methyl-2-pentanone	424	0	0.000
51	23.130	98	Toluene-d8 (Surr3)	993	441356	52.913
52	23.261	92+91	Toluene	901	3891	0.190
53	24.497	69	Ethyl methacrylate	413	0	0.000
54	24.277	43+58+100	2-Hexanone	509	0	0.000
55	24.099	75+77	t-1,3-Dichloropropene	386	0	0.000
56	24.497	97+99	1,1,2-Trichloroethane	599	0	0.000
57	24.277	164+166	Tetrachloroethene	603	0	0.000
58	24.738	76+41	1,3-Dichloropropane	590	0	0.000
59	24.675	43	Isobutyl alcohol	425	0	0.000
60	24.880	129+127	Dibromochloromethane	835	740	0.177
61	25.164	107+109	1,2-Dibromoethane	644	0	0.000
62	26.108	91	1-Chlorohexane	903	0	0.000
64	25.662	112+114	Chlorobenzene	569	0	0.000
65	26.108	106+91	Ethylbenzene	903	0	0.000
66	26.171	131+117	1,1,1,2-Tetrachloroethane	381	0	0.000
67	26.337	106+91	p,m-Xylenes	962	0	0.000
68	27.146	106+91	o-Xylene	944	0	0.000
69	27.197	104+78	Styrene	926	0	0.000
70	27.698	171+173+175	Bromoform	790	0	0.000
71	27.873	105+120	Isopropylbenzene	961	923	0.042
72	28.716	75	cis-1,4-Dichloro-2-butene	652	0	0.000
73	28.363	95	p-Bromofluorobenzene (Surr4)	988	186693	52.771
74	28.205	83+85	1,1,2,2-Tetrachloroethane	509	0	0.000
75	28.740	77+158	Bromobenzene	864	0	0.000
76	28.819	91+120	n-Propylbenzene	918	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.138	75	trans-1,4-Dichloro-2-butene	486	0	0.000
78	28.716	75+110	1,2,3-Trichloropropane	652	0	0.000
79	29.150	91+126	2-Chlorotoluene	845	0	0.000
80	29.265	105+120	1,3,5-Trimethylbenzene	943	0	0.000
81	29.537	91+126	4-Chlorotoluene	875	0	0.000
82	30.152	119+91	tert-Butylbenzene	930	0	0.000
83	30.250	105+120	1,2,4-Trimethylbenzene	975	1278	0.071
84	30.382	117	Pentachloroethane	951	0	0.000
85	30.716	105+134	sec-Butylbenzene	939	0	0.000
86	31.103	119	4-Isopropyltoluene	965	0	0.000
87	31.229	146+148	1,3-Dichlorobenzene	850	0	0.000
89	31.487	146+148	1,4-Dichlorobenzene	362	1821	0.207
90	32.344	91	Benzyl Chloride	957	0	0.000
91	32.344	91+134	n-Butylbenzene	944	0	0.000
92	32.641	146+148	1,2-Dichlorobenzene	894	1025	0.123
93	35.368	75+157	1,2-Dibromo-3-chloropropane	516	0	0.000
94	37.082	180+182	1,2,4-Trichlorobenzene	974	4463	1.064
95	37.355	225+226	Hexachlorobutadiene	911	0	0.000
96	37.780	128	Naphthalene	979	6648	1.712
97	38.400	180+182	1,2,3-Trichlorobenzene	966	3913	0.933

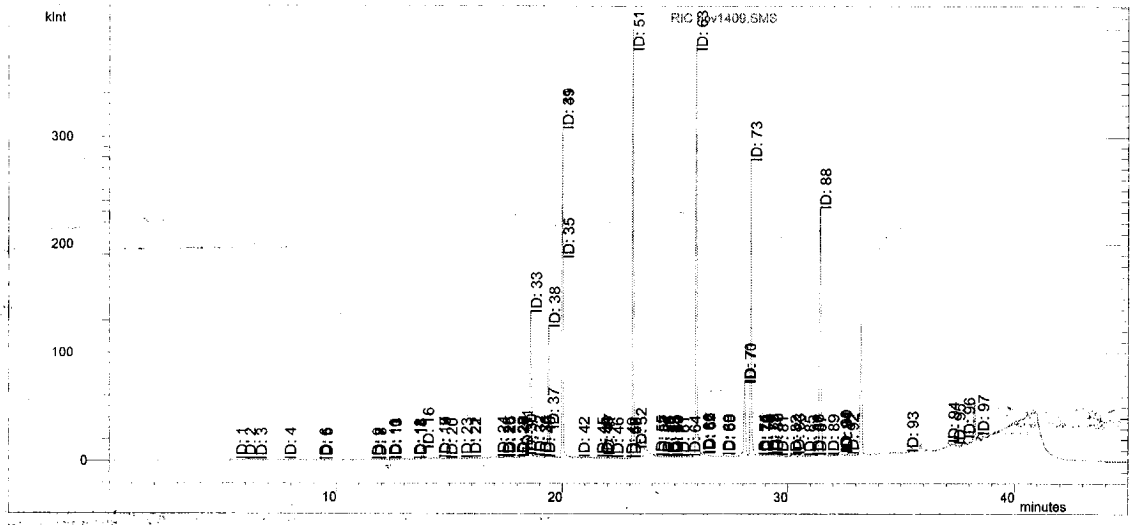
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1409.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-568 5.12g **Acquisition Dat** 11/21/02 10:41:47 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	528175	50.000
63	25.950	117	Chlorobenzene-d5(IS2)	982	324879	50.000
88	31.425	152	1,4-Dichlorobenzene-d4(IS3)	976	141140	50.000
1	5.600	85	Dichlorodifluoromethane	183	0	0.000
2	5.971	50+52	Chloromethane	503	0	0.000
3	6.460	62+64	Vinyl Chloride	615	0	0.000
4	7.743	94+96	Bromomethane	833	0	0.000
5	9.345	49	Chloroethane	678	0	0.000
6	9.260	101+103	Trichlorofluoromethane	835	305	0.032
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	836	0	0.000
8	11.717	56	Acrolein	688	0	0.000
9	11.590	96+61+98	1,1-Dichloroethene	556	0	0.000
10	12.332	142	Iodomethane	927	156	155.793
11	12.372	43+58	Acetone	756	0	0.000
12	13.449	45	Isopropyl alcohol (2-Propanol)	178	0	0.000
13	12.399	76	Carbon disulfide	927	0	0.000
14	13.500	41	Acetonitrile	429	0	0.000
15	13.500	41	Allyl chloride	616	0	0.000
16	13.825	84+49+86	Methylene Chloride	994	23679	2.020
17	14.540	59	tert-Butanol	472	0	0.000
18	14.558	73	Methyl-tert-butyl-ether (MTBE)	859	973	0.173
19	14.579	61+96	t-1,2-Dichloroethene	641	0	0.000
20	14.875	53	Acrylonitrile	624	0	0.000
21	15.913	63	1,1-Dichloroethane	583	0	0.000
22	15.925	43	Vinyl acetate	105	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.527	45	Isopropyl ether	355	0	0.000
24	17.132	59	Ethyl-tert-butyl-ether	721	0	0.000
25	17.452	77+41	2,2-Dichloropropane	335	0	0.000
26	17.361	61+96	c-1,2-Dichloroethene	704	0	0.000
27	18.056	43+72	2-Butanone (MEK)	186	0	0.000
28	18.005	54	Propionitrile	616	0	0.000
29	18.060	130+49	Bromochloromethane	895	482	0.090
30	18.375	39	Methacrylonitrile	469	0	0.000
31	18.231	83+85	Chloroform	985	11356	1.043
32	18.752	97+99	1,1,1-Trichloroethane	597	0	0.000
33	18.605	111	Dibromofluoromethane (Surr1)	797	127596	56.554
34	19.009	117+119	Carbon Tetrachloride	602	0	0.000
35	20.022	42+72	Tetrahydrofuran	326	159	158.875
36	19.021	75+39	1,1-Dichloropropene	637	0	0.000
37	19.365	78	Benzene	861	1298	0.156
38	19.402	65	1,2-Dichloroethane-d4 (Surr2)	957	173266	61.413
39	20.000	62+64	1,2-Dichloroethane	358	12359	2.190
40	19.202	73+55+87	tert-Amyl-methyl-ether	448	0	0.000
42	20.739	130+132+95	Trichloroethene	770	0	0.000
43	21.765	41	Methyl methacrylate	548	0	0.000
44	21.753	63+65	1,2-Dichloropropane	432	0	0.000
45	21.548	93+174	Dibromomethane	820	0	0.000
46	22.227	88	1,4-Dioxane	346	0	0.000
47	21.826	83+85	Bromodichloromethane	975	4372	0.558
48	22.996	63+43	2-Chloroethyl vinyl ether	679	0	0.000
49	22.854	75+77+39	c-1,3-Dichloropropene	462	0	0.000
50	22.996	43+58	4-Methyl-2-pentanone	679	0	0.000
51	23.129	98	Toluene-d8 (Surr3)	994	476118	50.786
52	23.261	92+91	Toluene	920	4662	0.202
53	24.484	69	Ethyl methacrylate	277	0	0.000
54	24.816	43+58+100	2-Hexanone	334	0	0.000
55	24.177	75+77	t-1,3-Dichloropropene	370	0	0.000
56	24.469	97+99	1,1,2-Trichloroethane	547	0	0.000
57	24.279	164+166	Tetrachloroethene	602	0	0.000
58	24.765	76+41	1,3-Dichloropropane	467	0	0.000
59	24.690	43	Isobutyl alcohol	349	0	0.000
60	24.882	129+127	Dibromochloromethane	911	656	0.139
61	25.151	107+109	1,2-Dibromoethane	716	0	0.000
62	26.299	91	1-Chlorohexane	925	0	0.000
64	25.649	112+114	Chlorobenzene	536	0	0.000
65	26.299	106+91	Ethylbenzene	925	0	0.000
66	26.248	131+117	1,1,1,2-Tetrachloroethane	428	0	0.000
67	26.329	106+91	p,m-Xylenes	976	1903	0.091
68	27.132	106+91	o-Xylene	940	0	0.000
69	27.195	104+78	Styrene	913	0	0.000
70	28.090	171+173+175	Bromoform	471	1839	0.646
71	28.087	105+120	Isopropylbenzene	535	2147	0.090
72	28.855	75	cis-1,4-Dichloro-2-butene	598	0	0.000
73	28.361	95	p-Bromofluorobenzene (Surr4)	988	208743	53.968
74	28.713	83+85	1,1,2,2-Tetrachloroethane	668	0	0.000
75	28.752	77+158	Bromobenzene	912	0	0.000
76	28.827	91+120	n-Propylbenzene	888	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.163	75	trans-1,4-Dichloro-2-butene	625	0	0.000
78	28.855	75+110	1,2,3-Trichloropropane	575	0	0.000
79	29.135	91+126	2-Chlorotoluene	887	0	0.000
80	29.304	105+120	1,3,5-Trimethylbenzene	956	0	0.000
81	29.533	91+126	4-Chlorotoluene	878	0	0.000
82	30.110	119+91	tert-Butylbenzene	920	0	0.000
83	30.264	105+120	1,2,4-Trimethylbenzene	963	0	0.000
84	32.377	117	Pentachloroethane	948	0	0.000
85	30.741	105+134	sec-Butylbenzene	936	0	0.000
86	31.100	119	4-Isopropyltoluene	947	0	0.000
87	31.214	146+148	1,3-Dichlorobenzene	869	0	0.000
89	31.786	146+148	1,4-Dichlorobenzene	568	0	0.000
90	32.338	91	Benzyl Chloride	964	0	0.000
91	32.338	91+134	n-Butylbenzene	964	0	0.000
92	32.646	146+148	1,2-Dichlorobenzene	909	0	0.000
93	35.286	75+157	1,2-Dibromo-3-chloropropane	579	0	0.000
94	37.092	180+182	1,2,4-Trichlorobenzene	971	4184	0.912
95	37.356	225+226	Hexachlorobutadiene	964	0	0.000
96	37.782	128	Naphthalene	979	6494	1.529
97	38.404	180+182	1,2,3-Trichlorobenzene	974	3684	0.803

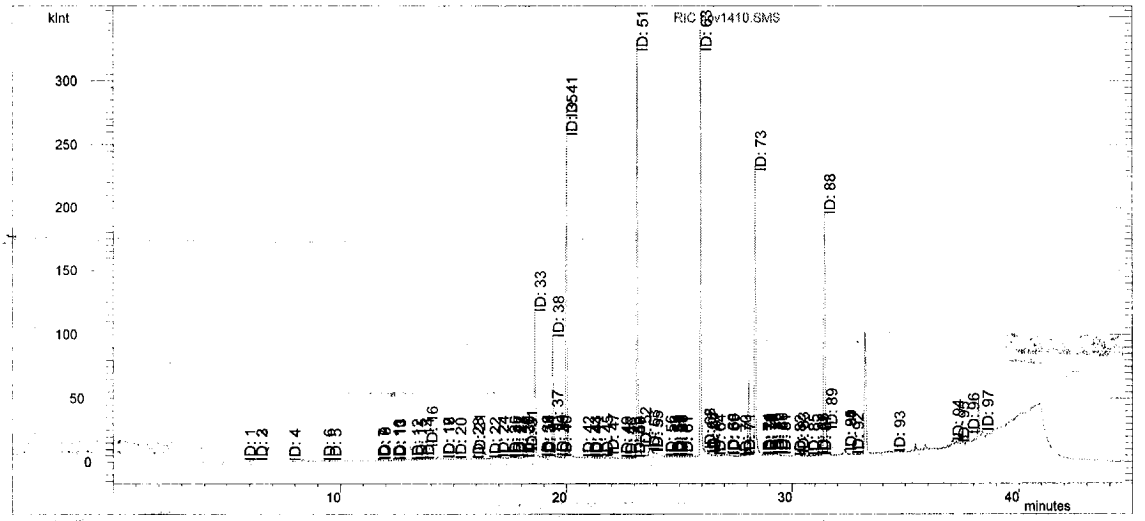
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1410.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-569 5.37g **Acquisition Dat** 11/21/02 11:28:32 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	456754	50.000
63	25.955	117	Chlorobenzene-d5(IS2)	982	277617	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	982	121435	50.000
1	5.781	85	Dichlorodifluoromethane	101	0	0.000
2	6.294	50+52	Chloromethane	505	0	0.000
3	6.306	62+64	Vinyl Chloride	615	0	0.000
4	7.755	94+96	Bromomethane	824	0	0.000
5	9.550	49	Chloroethane	119	0	0.000
6	9.266	101+103	Trichlorofluoromethane	789	170	0.020
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	795	0	0.000
8	11.717	56	Acrolein	664	0	0.000
9	11.725	96+61+98	1,1-Dichloroethene	948	2646	0.290
10	12.339	142	Iodomethane	903	220	220.225
11	12.388	43+58	Acetone	812	666	1.306
12	13.169	45	Isopropyl alcohol (2-Propanol)	402	0	0.000
13	12.411	76	Carbon disulfide	981	0	0.000
14	13.654	41	Acetonitrile	728	0	0.000
15	13.335	41	Allyl chloride	644	0	0.000
16	13.821	84+49+86	Methylene Chloride	993	22563	2.226
17	14.556	59	tert-Butanol	419	0	0.000
18	14.567	73	Methyl-tert-butyl-ether (MTBE)	881	529	0.109
19	14.544	61+96	t-1,2-Dichloroethene	512	0	0.000
20	15.080	53	Acrylonitrile	756	0	0.000
21	15.934	63	1,1-Dichloroethane	965	5469	1.040
22	16.607	43	Vinyl acetate	141	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.862	45	Isopropyl ether	370	0	0.000
24	16.955	59	Ethyl-tert-butyl-ether	692	0	0.000
25	17.468	77+41	2,2-Dichloropropane	445	0	0.000
26	17.480	61+96	c-1,2-Dichloroethene	590	0	0.000
27	17.633	43+72	2-Butanone (MEK)	767	0	0.000
28	17.760	54	Propionitrile	513	0	0.000
29	18.058	130+49	Bromochloromethane	915	478	0.103
30	18.119	39	Methacrylonitrile	479	0	0.000
31	18.229	83+85	Chloroform	995	10548	1.121
32	18.944	97+99	1,1,1-Trichloroethane	574	0	0.000
33	18.607	111	Dibromofluoromethane (Surr1)	767	107012	54.847
34	19.047	117+119	Carbon Tetrachloride	693	0	0.000
35	19.996	42+72	Tetrahydrofuran	321	429	429.408
36	18.921	75+39	1,1-Dichloropropene	393	0	0.000
37	19.365	78	Benzene	750	1527	0.212
38	19.404	65	1,2-Dichloroethane-d4 (Surr2)	936	136732	56.042
39	19.575	62+64	1,2-Dichloroethane	660	689	0.141
40	19.734	73+55+87	tert-Amyl-methyl-ether	641	0	0.000
42	20.739	130+132+95	Trichloroethene	864	0	0.000
43	21.047	41	Methyl methacrylate	469	0	0.000
44	21.122	63+65	1,2-Dichloropropane	443	0	0.000
45	21.560	93+174	Dibromomethane	795	0	0.000
46	22.624	88	1,4-Dioxane	380	10	10.306
47	21.828	83+85	Bromodichloromethane	954	4113	0.614
48	22.986	63+43	2-Chloroethyl vinyl ether	793	401	0.256
49	22.444	75+77+39	c-1,3-Dichloropropene	597	0	0.000
50	22.985	43+58	4-Methyl-2-pentanone	793	513	0.251
51	23.131	98	Toluene-d8 (Surr3)	993	417714	52.142
52	23.266	92+91	Toluene	924	4371	0.222
53	23.643	69	Ethyl methacrylate	501	0	0.000
54	24.694	43+58+100	2-Hexanone	602	0	0.000
55	23.810	75+77	t-1,3-Dichloropropene	470	0	0.000
56	24.413	97+99	1,1,2-Trichloroethane	593	0	0.000
57	24.812	164+166	Tetrachloroethene	289	0	0.000
58	24.745	76+41	1,3-Dichloropropane	365	0	0.000
59	24.745	43	Isobutyl alcohol	599	0	0.000
60	24.883	129+127	Dibromochloromethane	890	837	0.208
61	25.120	107+109	1,2-Dibromoethane	394	0	0.000
62	26.118	91	1-Chlorohexane	963	2086	0.150
64	26.560	112+114	Chlorobenzene	514	0	0.000
65	26.116	106+91	Ethylbenzene	963	3142	0.148
66	26.240	131+117	1,1,1,2-Tetrachloroethane	327	0	0.000
67	26.343	106+91	p,m-Xylenes	967	0	0.000
68	27.148	106+91	o-Xylene	917	0	0.000
69	27.199	104+78	Styrene	907	0	0.000
70	27.700	171+173+175	Bromoform	792	0	0.000
71	27.874	105+120	Isopropylbenzene	969	1896	0.093
72	28.804	75	cis-1,4-Dichloro-2-butene	546	0	0.000
73	28.365	95	p-Bromofluorobenzene (Surr4)	987	174732	52.505
74	28.702	83+85	1,1,2,2-Tetrachloroethane	555	0	0.000
75	28.765	77+158	Bromobenzene	880	0	0.000
76	28.828	91+120	n-Propylbenzene	903	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.840	75	trans-1,4-Dichloro-2-butene	591	0	0.000
78	29.009	75+110	1,2,3-Trichloropropane	673	0	0.000
79	29.175	91+126	2-Chlorotoluene	832	0	0.000
80	29.317	105+120	1,3,5-Trimethylbenzene	957	0	0.000
81	29.455	91+126	4-Chlorotoluene	849	0	0.000
82	30.110	119+91	tert-Butylbenzene	920	0	0.000
83	30.262	105+120	1,2,4-Trimethylbenzene	993	1726	0.102
84	32.353	117	Pentachloroethane	943	0	0.000
85	30.714	105+134	sec-Butylbenzene	955	0	0.000
86	31.113	119	4-Isopropyltoluene	937	0	0.000
87	31.227	146+148	1,3-Dichlorobenzene	870	0	0.000
89	31.507	146+148	1,4-Dichlorobenzene	323	1304	0.157
90	32.353	91	Benzyl Chloride	955	0	0.000
91	32.353	91+134	n-Butylbenzene	957	0	0.000
92	32.688	146+148	1,2-Dichlorobenzene	927	0	0.000
93	34.504	75+157	1,2-Dibromo-3-chloropropane	390	0	0.000
94	37.089	180+182	1,2,4-Trichlorobenzene	974	3718	0.942
95	37.342	225+226	Hexachlorobutadiene	908	0	0.000
96	37.780	128	Naphthalene	978	5774	1.580
97	38.399	180+182	1,2,3-Trichlorobenzene	966	0	0.000

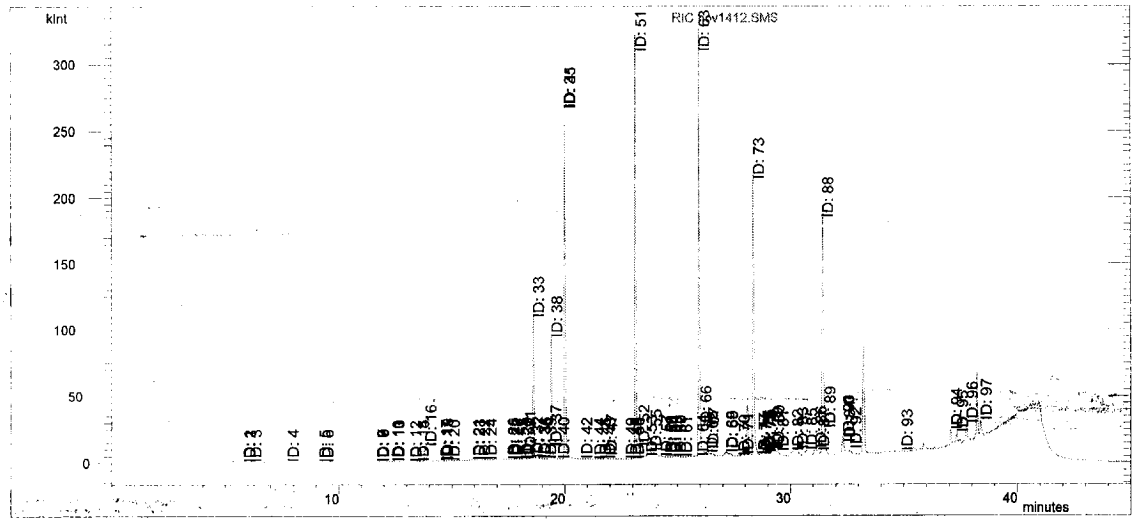
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1412.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 2 **Acquisition Dat** 11/22/02 1:01:43 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.004	96+70	Fluorobenzene (IS1)	999	431513	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	988	266883	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	973	113698	50.000
1	5.805	85	Dichlorodifluoromethane	184	0	0.000
2	5.845	50+52	Chloromethane	574	0	0.000
3	6.113	62+64	Vinyl Chloride	770	0	0.000
4	7.753	94+96	Bromomethane	895	558	0.378
5	9.140	49	Chloroethane	590	0	0.000
6	9.270	101+103	Trichlorofluoromethane	824	0	0.000
7	11.705	101+151	Trichlorotrifluoroethane (Freon 113)	759	0	0.000
8	11.681	56	Acrolein	747	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	903	0	0.000
10	12.371	142	Iodomethane	916	120	119.765
11	12.384	43+58	Acetone	804	0	0.000
12	13.169	45	Isopropyl alcohol (2-Propanol)	510	0	0.000
13	12.411	76	Carbon disulfide	824	0	0.000
14	13.488	41	Acetonitrile	462	0	0.000
15	13.488	41	Allyl chloride	378	0	0.000
16	13.825	84+49+86	Methylene Chloride	992	24232	2.530
17	14.503	59	tert-Butanol	516	0	0.000
18	14.555	73	Methyl-tert-butyl-ether (MTBE)	881	0	0.000
19	14.543	61+96	t-1,2-Dichloroethene	861	0	0.000
20	14.851	53	Acrylonitrile	718	0	0.000
21	15.940	63	1,1-Dichloroethane	788	0	0.000
22	16.208	43	Vinyl acetate	674	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.991	45	Isopropyl ether	365	0	0.000
24	16.504	59	Ethyl-tert-butyl-ether	701	0	0.000
25	17.518	77+41	2,2-Dichloropropane	445	0	0.000
26	17.479	61+96	c-1,2-Dichloroethene	882	0	0.000
27	17.621	43+72	2-Butanone (MEK)	516	0	0.000
28	17.660	54	Propionitrile	709	0	0.000
29	18.060	130+49	Bromochloromethane	927	614	0.140
30	18.146	39	Methacrylonitrile	368	0	0.000
31	18.231	83+85	Chloroform	996	10803	1.215
32	18.544	97+99	1,1,1-Trichloroethane	637	0	0.000
33	18.609	111	Dibromofluoromethane (Surr1)	762	100666	54.613
34	18.842	117+119	Carbon Tetrachloride	524	0	0.000
35	20.005	42+72	Tetrahydrofuran	322	150	150.025
36	18.905	75+39	1,1-Dichloropropene	794	0	0.000
37	19.362	78	Benzene	819	982	0.144
38	19.405	65	1,2-Dichloroethane-d4 (Surr2)	940	131467	57.036
39	19.138	62+64	1,2-Dichloroethane	621	0	0.000
40	19.706	73+55+87	tert-Amyl-methyl-ether	604	0	0.000
42	20.727	130+132+95	Trichloroethene	872	0	0.000
43	21.753	41	Methyl methacrylate	248	0	0.000
44	21.303	63+65	1,2-Dichloropropane	552	0	0.000
45	21.551	93+174	Dibromomethane	884	444	0.146
46	22.894	88	1,4-Dioxane	417	0	0.000
47	21.830	83+85	Bromodichloromethane	955	4098	0.637
48	23.008	63+43	2-Chloroethyl vinyl ether	630	0	0.000
49	22.700	75+77+39	c-1,3-Dichloropropene	734	0	0.000
50	23.008	43+58	4-Methyl-2-pentanone	701	0	0.000
51	23.134	98	Toluene-d8 (Surr3)	993	399897	51.925
52	23.268	92+91	Toluene	950	7314	0.386
53	23.606	69	Ethyl methacrylate	278	0	0.000
54	24.607	43+58+100	2-Hexanone	327	0	0.000
55	23.798	75+77	t-1,3-Dichloropropene	488	0	0.000
56	24.465	97+99	1,1,2-Trichloroethane	563	0	0.000
57	24.275	164+166	Tetrachloroethene	920	0	0.000
58	24.504	76+41	1,3-Dichloropropane	735	0	0.000
59	24.698	43	Isobutyl alcohol	350	0	0.000
60	24.891	129+127	Dibromochloromethane	898	0	0.000
61	25.159	107+109	1,2-Dibromoethane	780	0	0.000
62	26.295	91	1-Chlorohexane	913	0	0.000
64	25.866	112+114	Chlorobenzene	480	0	0.000
65	26.295	106+91	Ethylbenzene	913	0	0.000
66	26.013	131+117	1,1,1,2-Tetrachloroethane	413	0	0.000
67	26.337	106+91	p,m-Xylenes	990	5396	0.320
68	27.155	106+91	o-Xylene	955	0	0.000
69	27.199	104+78	Styrene	944	2050	0.189
70	27.707	171+173+175	Bromoform	774	0	0.000
71	27.873	105+120	Isopropylbenzene	983	0	0.000
72	28.876	75	cis-1,4-Dichloro-2-butene	665	0	0.000
73	28.366	95	p-Bromofluorobenzene (Surr4)	987	169943	54.541
74	28.683	83+85	1,1,2,2-Tetrachloroethane	695	0	0.000
75	28.758	77+158	Bromobenzene	961	0	0.000
76	28.813	91+120	n-Propylbenzene	981	3392	0.154

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.580	75	trans-1,4-Dichloro-2-butene	450	0	0.000
78	28.887	75+110	1,2,3-Trichloropropane	619	0	0.000
79	29.171	91+126	2-Chlorotoluene	970	0	0.000
80	29.234	105+120	1,3,5-Trimethylbenzene	976	0	0.000
81	29.442	91+126	4-Chlorotoluene	974	0	0.000
82	30.081	119+91	tert-Butylbenzene	961	0	0.000
83	30.301	105+120	1,2,4-Trimethylbenzene	993	0	0.000
84	32.369	117	Pentachloroethane	985	0	0.000
85	30.699	105+134	sec-Butylbenzene	993	0	0.000
86	31.099	119	4-Isopropyltoluene	979	9500	0.776
87	31.231	146+148	1,3-Dichlorobenzene	950	4764	0.581
89	31.514	146+148	1,4-Dichlorobenzene	664	4769	0.615
90	32.333	91	Benzyl Chloride	990	16362	1.686
91	32.332	91+134	n-Butylbenzene	989	22041	1.561
92	32.649	146+148	1,2-Dichlorobenzene	975	6995	0.955
93	34.919	75+157	1,2-Dibromo-3-chloropropane	809	0	0.000
94	37.088	180+182	1,2,4-Trichlorobenzene	976	11711	3.169
95	37.357	225+226	Hexachlorobutadiene	979	0	0.000
96	37.778	128	Naphthalene	981	16249	4.750
97	38.402	180+182	1,2,3-Trichlorobenzene	980	10193	2.758

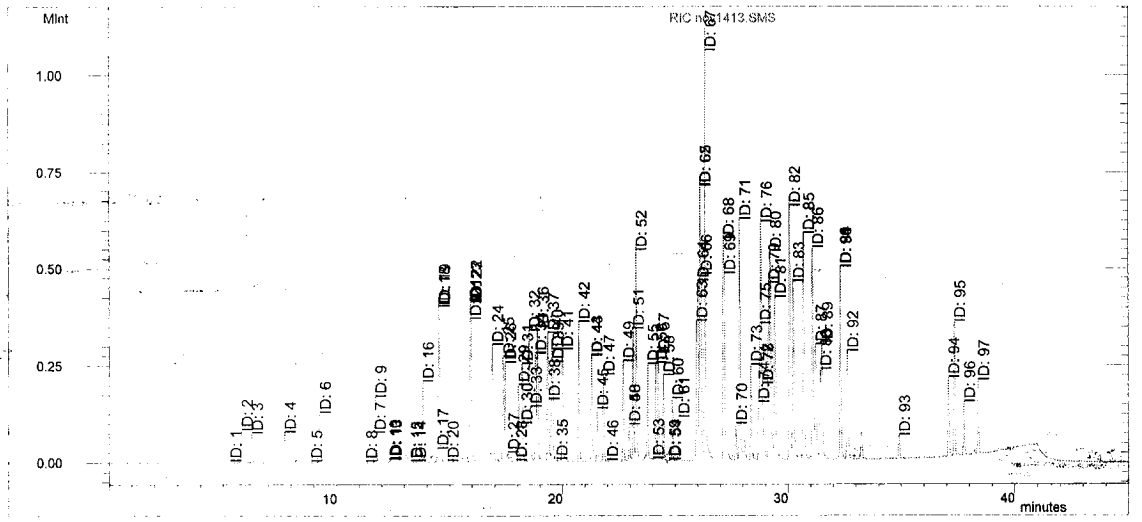
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1413.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv # 2 **Acquisition Dat** 11/22/02 1:48:31 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.999	96+70	Fluorobenzene (IS1)	999	483631	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	988	297635	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	976	137555	50.000
1	5.332	85	Dichlorodifluoromethane	609	0	0.000
2	5.819	50+52	Chloromethane	995	134868	68.614
3	6.272	62+64	Vinyl Chloride	999	226494	55.033
4	7.724	94+96	Bromomethane	953	71977	43.464
5	8.888	49	Chloroethane	318	0	0.000
6	9.258	101+103	Trichlorofluoromethane	994	537502	60.703
7	11.682	101+151	Trichlorotrifluoroethane (Freon 113)	803	0	0.000
8	11.307	56	Acrolein	817	0	0.000
9	11.721	96+61+98	1,1-Dichloroethene	986	494787	51.141
10	12.338	142	Iodomethane	961	2331	2331.453
11	12.370	43+58	Acetone	972	25056	46.390
12	13.318	45	Isopropyl alcohol (2-Propanol)	583	0	0.000
13	12.406	76	Carbon disulfide	905	0	0.000
14	13.472	41	Acetonitrile	587	0	0.000
15	13.278	41	Allyl chloride	717	0	0.000
16	13.817	84+49+86	Methylene Chloride	996	492074	45.848
17	14.463	59	tert-Butanol	571	55304	826.442
18	14.528	73	Methyl-tert-butyl-ether (MTBE)	927	224191	43.508
19	14.540	61+96	t-1,2-Dichloroethene	977	438407	55.752
20	14.912	53	Acrylonitrile	614	0	0.000
21	15.924	63	1,1-Dichloroethane	985	304641	54.691
22	15.950	43	Vinyl acetate	785	168074	168074.500

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.951	45	Isopropyl ether	986	421488	56.613
24	16.895	59	Ethyl-tert-butyl-ether	999	454027	56.268
25	17.375	77+41	2,2-Dichloropropane	993	408301	49.815
26	17.467	61+96	c-1,2-Dichloroethene	992	420794	50.930
27	17.585	43+72	2-Butanone (MEK)	967	38663	49.954
28	17.947	54	Propionitrile	372	0	0.000
29	18.052	130+49	Bromochloromethane	997	242460	49.385
30	18.195	39	Methacrylonitrile	361	0	0.000
31	18.224	83+85	Chloroform	999	501102	50.280
32	18.533	97+99	1,1,1-Trichloroethane	984	655814	52.120
33	18.604	111	Dibromofluoromethane (Surr1)	916	115438	55.878
34	18.821	117+119	Carbon Tetrachloride	968	531850	53.259
35	19.736	42+72	Tetrahydrofuran	603	0	0.000
36	18.905	75+39	1,1-Dichloropropene	994	50185	9.905
37	19.360	78	Benzene	996	361355	47.379
38	19.402	65	1,2-Dichloroethane-d4 (Surr2)	986	127096	49.197
39	19.569	62+64	1,2-Dichloroethane	974	273743	52.979
40	19.533	73+55+87	tert-Amyl-methyl-ether	972	438536	49.325
42	20.731	130+132+95	Trichloroethene	987	518925	51.439
43	21.295	41	Methyl methacrylate	528	105607	105607.500
44	21.296	63+65	1,2-Dichloropropane	999	140532	53.774
45	21.548	93+174	Dibromomethane	956	173837	51.150
46	21.988	88	1,4-Dioxane	527	23	23.293
47	21.824	83+85	Bromodichloromethane	991	363684	50.676
48	22.959	63+43	2-Chloroethyl vinyl ether	990	88633	52.808
49	22.698	75+77+39	c-1,3-Dichloropropene	991	375151	47.985
50	22.960	43+58	4-Methyl-2-pentanone	989	118997	54.172
51	23.130	98	Toluene-d8 (Surr3)	993	444962	51.807
52	23.260	92+91	Toluene	997	1087614	51.505
53	24.025	69	Ethyl methacrylate	526	0	0.000
54	24.774	43+58+100	2-Hexanone	460	0	0.000
55	23.792	75+77	t-1,3-Dichloropropene	651	166000	52.108
56	24.155	97+99	1,1,2-Trichloroethane	972	199086	50.838
57	24.267	164+166	Tetrachloroethene	961	45053	49.046
58	24.493	76+41	1,3-Dichloropropane	986	272960	46.895
59	24.734	43	Isobutyl alcohol	477	0	0.000
60	24.881	129+127	Dibromochloromethane	950	216862	50.272
61	25.153	107+109	1,2-Dibromoethane	986	230723	48.084
62	26.111	91	1-Chlorohexane	997	771719	51.846
64	26.008	112+114	Chlorobenzene	992	583884	48.178
65	26.111	106+91	Ethylbenzene	997	1112915	46.189
66	26.152	131+117	1,1,1,2-Tetrachloroethane	982	264413	19.034
67	26.330	106+91	p,m-Xylenes	996	1852262	90.882
68	27.144	106+91	o-Xylene	999	1038504	49.353
69	27.191	104+78	Styrene	988	613306	46.616
70	27.696	171+173+175	Bromoform	942	131630	47.439
71	27.869	105+120	Isopropylbenzene	999	1125617	48.567
72	28.866	75	cis-1,4-Dichloro-2-butene	967	76677	45.531
73	28.363	95	p-Bromofluorobenzene (Surr4)	987	193764	51.401
74	28.693	83+85	1,1,2,2-Tetrachloroethane	972	184426	46.366
75	28.751	77+158	Bromobenzene	985	450374	48.391
76	28.809	91+120	n-Propylbenzene	996	1296937	48.723

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.866	75	trans-1,4-Dichloro-2-butene	367	76677	45.531
78	28.865	75+110	1,2,3-Trichloropropane	967	117403	47.594
79	29.153	91+126	2-Chlorotoluene	992	795032	46.297
80	29.226	105+120	1,3,5-Trimethylbenzene	998	1051655	49.758
81	29.435	91+126	4-Chlorotoluene	992	738374	48.149
82	30.074	119+91	tert-Butylbenzene	987	1417457	49.904
83	30.243	105+120	1,2,4-Trimethylbenzene	994	964924	50.349
84	32.325	117	Pentachloroethane	990	4383	50.936
85	30.691	105+134	sec-Butylbenzene	997	1160562	50.946
86	31.087	119	4-Isopropyltoluene	987	749247	50.563
87	31.221	146+148	1,3-Dichlorobenzene	989	478156	48.221
89	31.502	146+148	1,4-Dichlorobenzene	984	433817	46.209
90	32.324	91	Benzyl Chloride	991	585033	49.841
91	32.323	91+134	n-Butylbenzene	991	833705	48.801
92	32.637	146+148	1,2-Dichlorobenzene	987	417986	47.159
93	34.915	75+157	1,2-Dibromo-3-chloropropane	963	56928	44.308
94	37.083	180+182	1,2,4-Trichlorobenzene	976	203070	45.424
95	37.358	225+226	Hexachlorobutadiene	981	157400	46.091
96	37.777	128	Naphthalene	981	174452	42.150
97	38.399	180+182	1,2,3-Trichlorobenzene	983	179548	40.163

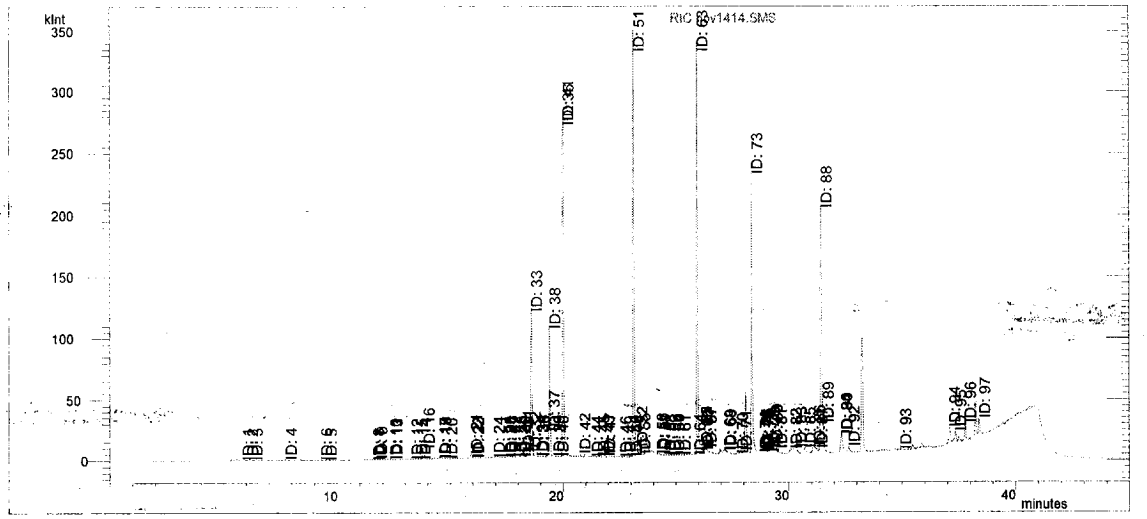
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1414.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-570 5.90g **Acquisition Dat** 11/22/02 2:35:15 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.001	96+70	Fluorobenzene (IS1)	999	466185	50.000
63	25.951	117	Chlorobenzene-d5(IS2)	982	289251	50.000
88	31.428	152	1,4-Dichlorobenzene-d4(IS3)	978	127022	50.000
1	5.833	85	Dichlorodifluoromethane	142	0	0.000
2	6.038	50+52	Chloromethane	595	0	0.000
3	6.228	62+64	Vinyl Chloride	802	0	0.000
4	7.742	94+96	Bromomethane	910	797	0.499
5	9.499	49	Chloroethane	488	0	0.000
6	9.294	101+103	Trichlorofluoromethane	873	226	0.027
7	11.653	101+151	Trichlorotrifluoroethane (Freon 113)	800	0	0.000
8	11.578	56	Acrolein	723	0	0.000
9	11.727	96+61+98	1,1-Dichloroethene	953	3411	0.366
10	12.339	142	Iodomethane	911	246	245.712
11	12.384	43+58	Acetone	824	0	0.000
12	13.295	45	Isopropyl alcohol (2-Propanol)	77	0	0.000
13	12.411	76	Carbon disulfide	864	733	36.418
14	13.642	41	Acetonitrile	709	0	0.000
15	13.488	41	Allyl chloride	520	0	0.000
16	13.820	84+49+86	Methylene Chloride	991	19441	1.879
17	14.517	59	tert-Butanol	474	0	0.000
18	14.546	73	Methyl-tert-butyl-ether (MTBE)	880	867	0.174
19	14.541	61+96	t-1,2-Dichloroethene	904	0	0.000
20	14.825	53	Acrylonitrile	766	0	0.000
21	15.928	63	1,1-Dichloroethane	966	5619	1.046
22	16.005	43	Vinyl acetate	135	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.977	45	Isopropyl ether	397	0	0.000
24	16.928	59	Ethyl-tert-butyl-ether	653	0	0.000
25	17.402	77+41	2,2-Dichloropropane	420	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	905	0	0.000
27	17.607	43+72	2-Butanone (MEK)	754	0	0.000
28	17.927	54	Propionitrile	548	0	0.000
29	18.056	130+49	Bromochloromethane	910	664	0.140
30	18.093	39	Methacrylonitrile	267	0	0.000
31	18.226	83+85	Chloroform	996	10497	1.093
32	18.538	97+99	1,1,1-Trichloroethane	946	5054	0.417
33	18.605	111	Dibromofluoromethane (Surr1)	931	111399	55.941
34	18.833	117+119	Carbon Tetrachloride	639	0	0.000
35	19.998	42+72	Tetrahydrofuran	326	482	481.929
36	18.909	75+39	1,1-Dichloropropene	728	110	0.023
37	19.364	78	Benzene	886	1407	0.191
38	19.402	65	1,2-Dichloroethane-d4 (Surr2)	953	146357	58.773
39	19.579	62+64	1,2-Dichloroethane	575	0	0.000
40	19.745	73+55+87	tert-Amyl-methyl-ether	553	0	0.000
42	20.734	130+132+95	Trichloroethene	942	3382	0.345
43	21.777	41	Methyl methacrylate	572	0	0.000
44	21.264	63+65	1,2-Dichloropropane	493	0	0.000
45	21.548	93+174	Dibromomethane	866	0	0.000
46	22.534	88	1,4-Dioxane	491	0	0.000
47	21.825	83+85	Bromodichloromethane	962	4026	0.577
48	22.996	63+43	2-Chloroethyl vinyl ether	694	0	0.000
49	22.712	75+77+39	c-1,3-Dichloropropene	780	0	0.000
50	22.992	43+58	4-Methyl-2-pentanone	680	539	0.253
51	23.130	98	Toluene-d8 (Surr3)	993	422549	50.624
52	23.263	92+91	Toluene	920	4914	0.239
53	24.160	69	Ethyl methacrylate	343	0	0.000
54	24.878	43+58+100	2-Hexanone	421	0	0.000
55	23.377	75+77	t-1,3-Dichloropropene	464	0	0.000
56	24.160	97+99	1,1,2-Trichloroethane	502	0	0.000
57	24.267	164+166	Tetrachloroethene	841	135	0.151
58	24.507	76+41	1,3-Dichloropropane	742	0	0.000
59	24.712	43	Isobutyl alcohol	341	0	0.000
60	24.878	129+127	Dibromochloromethane	926	0	0.000
61	25.162	107+109	1,2-Dibromoethane	845	0	0.000
62	26.116	91	1-Chlorohexane	950	1323	0.091
64	25.814	112+114	Chlorobenzene	657	0	0.000
65	26.115	106+91	Ethylbenzene	950	0	0.000
66	26.170	131+117	1,1,1,2-Tetrachloroethane	466	0	0.000
67	26.323	106+91	p,m-Xylenes	985	0	0.000
68	27.156	106+91	o-Xylene	952	0	0.000
69	27.199	104+78	Styrene	961	2574	0.212
70	27.697	171+173+175	Bromoform	768	351	0.137
71	27.875	105+120	Isopropylbenzene	991	3166	0.148
72	28.860	75	cis-1,4-Dichloro-2-butene	654	0	0.000
73	28.364	95	p-Bromofluorobenzene (Surr4)	987	184654	53.046
74	28.694	83+85	1,1,2,2-Tetrachloroethane	707	0	0.000
75	28.758	77+158	Bromobenzene	965	0	0.000
76	28.809	91+120	n-Propylbenzene	976	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.077	75	trans-1,4-Dichloro-2-butene	506	0	0.000
78	28.872	75+110	1,2,3-Trichloropropane	607	0	0.000
79	29.140	91+126	2-Chlorotoluene	971	0	0.000
80	29.244	105+120	1,3,5-Trimethylbenzene	976	3760	0.193
81	29.437	91+126	4-Chlorotoluene	973	0	0.000
82	30.079	119+91	tert-Butylbenzene	961	7871	0.300
83	30.311	105+120	1,2,4-Trimethylbenzene	994	0	0.000
84	32.316	117	Pentachloroethane	990	0	0.000
85	30.698	105+134	sec-Butylbenzene	985	12356	0.587
86	31.107	119	4-Isopropyltoluene	986	13317	0.973
87	31.224	146+148	1,3-Dichlorobenzene	945	0	0.000
89	31.505	146+148	1,4-Dichlorobenzene	592	0	0.000
90	32.328	91	Benzyl Chloride	991	21229	1.959
91	32.329	91+134	n-Butylbenzene	991	27523	1.745
92	32.644	146+148	1,2-Dichlorobenzene	971	6988	0.854
93	34.930	75+157	1,2-Dibromo-3-chloropropane	744	0	0.000
94	37.089	180+182	1,2,4-Trichlorobenzene	975	13862	3.358
95	37.359	225+226	Hexachlorobutadiene	977	4234	1.343
96	37.781	128	Naphthalene	981	17741	4.642
97	38.402	180+182	1,2,3-Trichlorobenzene	981	13239	3.207

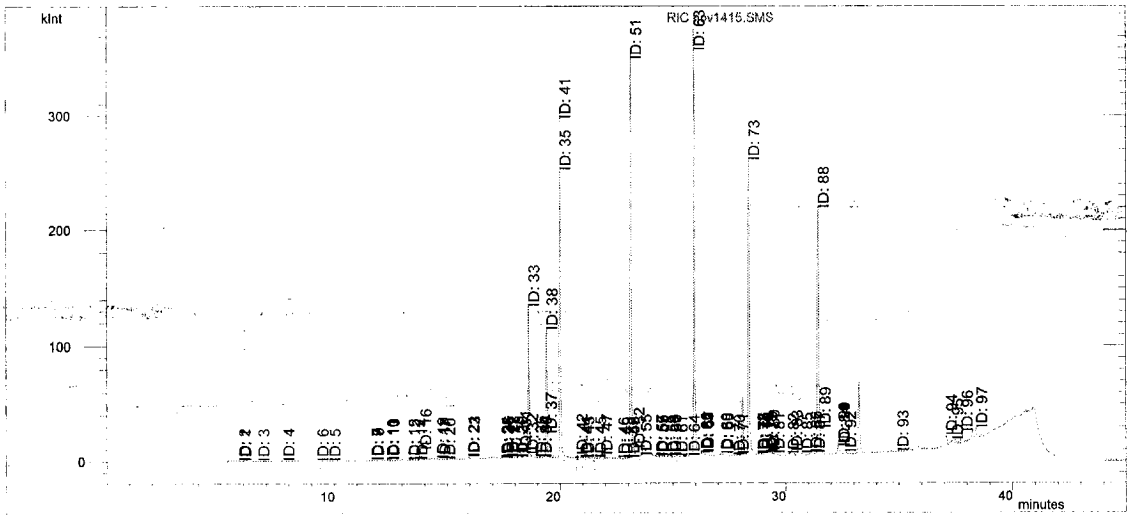
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1415.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102529-571 5.55g **Acquisition Dat** 11/22/02 3:21:59 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.004	96+70	Fluorobenzene (IS1)	999	495597	50.000
63	25.957	117	Chlorobenzene-d5(IS2)	982	308197	50.000
88	31.436	152	1,4-Dichlorobenzene-d4(IS3)	982	135385	50.000
1	5.869	85	Dichlorodifluoromethane	89	0	0.000
2	5.817	50+52	Chloromethane	368	0	0.000
3	6.654	62+64	Vinyl Chloride	651	0	0.000
4	7.767	94+96	Bromomethane	891	263	0.155
5	9.795	49	Chloroethane	452	0	0.000
6	9.267	101+103	Trichlorofluoromethane	820	230	0.025
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	765	0	0.000
8	11.681	56	Acrolein	710	0	0.000
9	11.721	96+61+98	1,1-Dichloroethene	951	1739	0.175
10	12.334	142	Iodomethane	919	187	186.942
11	12.372	43+58	Acetone	764	0	0.000
12	13.322	45	Isopropyl alcohol (2-Propanol)	188	0	0.000
13	12.399	76	Carbon disulfide	860	0	0.000
14	13.642	41	Acetonitrile	602	0	0.000
15	13.295	41	Allyl chloride	460	0	0.000
16	13.816	84+49+86	Methylene Chloride	983	19643	1.786
17	14.657	59	tert-Butanol	423	0	0.000
18	14.552	73	Methyl-tert-butyl-ether (MTBE)	873	844	0.160
19	14.555	61+96	t-1,2-Dichloroethene	829	0	0.000
20	14.874	53	Acrylonitrile	754	0	0.000
21	15.932	63	1,1-Dichloroethane	959	2839	0.497
22	15.952	43	Vinyl acetate	123	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.952	45	Isopropyl ether	426	0	0.000
24	17.388	59	Ethyl-tert-butyl-ether	698	0	0.000
25	17.416	77+41	2,2-Dichloropropane	259	0	0.000
26	17.479	61+96	c-1,2-Dichloroethene	685	0	0.000
27	17.633	43+72	2-Butanone (MEK)	217	0	0.000
28	17.723	54	Propionitrile	502	0	0.000
29	18.062	130+49	Bromochloromethane	903	533	0.106
30	18.106	39	Methacrylonitrile	355	0	0.000
31	18.232	83+85	Chloroform	986	10752	1.053
32	18.544	97+99	1,1,1-Trichloroethane	795	0	0.000
33	18.608	111	Dibromofluoromethane (Surr1)	902	118805	56.119
34	19.123	117+119	Carbon Tetrachloride	639	0	0.000
35	19.991	42+72	Tetrahydrofuran	324	179	179.214
36	18.918	75+39	1,1-Dichloropropene	427	0	0.000
37	19.368	78	Benzene	831	1122	0.144
38	19.405	65	1,2-Dichloroethane-d4 (Surr2)	950	158011	59.687
39	19.139	62+64	1,2-Dichloroethane	513	0	0.000
40	19.123	73+55+87	tert-Amyl-methyl-ether	451	0	0.000
42	20.737	130+132+95	Trichloroethene	953	3411	0.327
43	21.021	41	Methyl methacrylate	378	0	0.000
44	20.931	63+65	1,2-Dichloropropane	304	0	0.000
45	21.554	93+174	Dibromomethane	854	352	0.100
46	22.596	88	1,4-Dioxane	357	0	0.000
47	21.831	83+85	Bromodichloromethane	958	4017	0.541
48	23.022	63+43	2-Chloroethyl vinyl ether	418	0	0.000
49	22.714	75+77+39	c-1,3-Dichloropropene	583	0	0.000
50	23.006	43+58	4-Methyl-2-pentanone	527	0	0.000
51	23.135	98	Toluene-d8 (Surr3)	993	452155	50.841
52	23.269	92+91	Toluene	902	4868	0.223
53	24.338	69	Ethyl methacrylate	310	0	0.000
54	24.761	43+58+100	2-Hexanone	603	0	0.000
55	23.578	75+77	t-1,3-Dichloropropene	430	0	0.000
56	24.287	97+99	1,1,2-Trichloroethane	558	0	0.000
57	24.272	164+166	Tetrachloroethene	777	0	0.000
58	24.773	76+41	1,3-Dichloropropane	734	0	0.000
59	24.761	43	Isobutyl alcohol	685	0	0.000
60	24.888	129+127	Dibromochloromethane	839	818	0.183
61	25.171	107+109	1,2-Dibromoethane	793	0	0.000
62	26.295	91	1-Chlorohexane	851	0	0.000
64	25.708	112+114	Chlorobenzene	643	0	0.000
65	26.295	106+91	Ethylbenzene	851	0	0.000
66	26.243	131+117	1,1,1,2-Tetrachloroethane	541	0	0.000
67	26.334	106+91	p,m-Xylenes	979	0	0.000
68	27.139	106+91	o-Xylene	946	0	0.000
69	27.206	104+78	Styrene	924	0	0.000
70	27.697	171+173+175	Bromoform	796	270	0.099
71	27.873	105+120	Isopropylbenzene	950	0	0.000
72	28.743	75	cis-1,4-Dichloro-2-butene	647	0	0.000
73	28.369	95	p-Bromofluorobenzene (Surr4)	987	199660	53.814
74	28.948	83+85	1,1,2,2-Tetrachloroethane	516	0	0.000
75	28.755	77+158	Bromobenzene	957	0	0.000
76	28.821	91+120	n-Propylbenzene	915	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.141	75	trans-1,4-Dichloro-2-butene	482	0	0.000
78	28.743	75+110	1,2,3-Trichloropropane	613	0	0.000
79	29.153	91+126	2-Chlorotoluene	898	0	0.000
80	29.232	105+120	1,3,5-Trimethylbenzene	978	0	0.000
81	29.460	91+126	4-Chlorotoluene	914	0	0.000
82	30.104	119+91	tert-Butylbenzene	947	0	0.000
83	30.257	105+120	1,2,4-Trimethylbenzene	988	0	0.000
84	32.358	117	Pentachloroethane	988	0	0.000
85	30.703	105+134	sec-Butylbenzene	983	0	0.000
86	31.102	119	4-Isopropyltoluene	974	0	0.000
87	31.244	146+148	1,3-Dichlorobenzene	909	0	0.000
89	31.509	146+148	1,4-Dichlorobenzene	429	4028	0.436
90	32.333	91	Benzyl Chloride	990	7871	0.681
91	32.333	91+134	n-Butylbenzene	988	10644	0.633
92	32.641	146+148	1,2-Dichlorobenzene	963	0	0.000
93	34.944	75+157	1,2-Dibromo-3-chloropropane	702	0	0.000
94	37.089	180+182	1,2,4-Trichlorobenzene	975	8617	1.958
95	37.358	225+226	Hexachlorobutadiene	973	0	0.000
96	37.784	128	Naphthalene	980	11666	2.864
97	38.405	180+182	1,2,3-Trichlorobenzene	980	8051	1.830

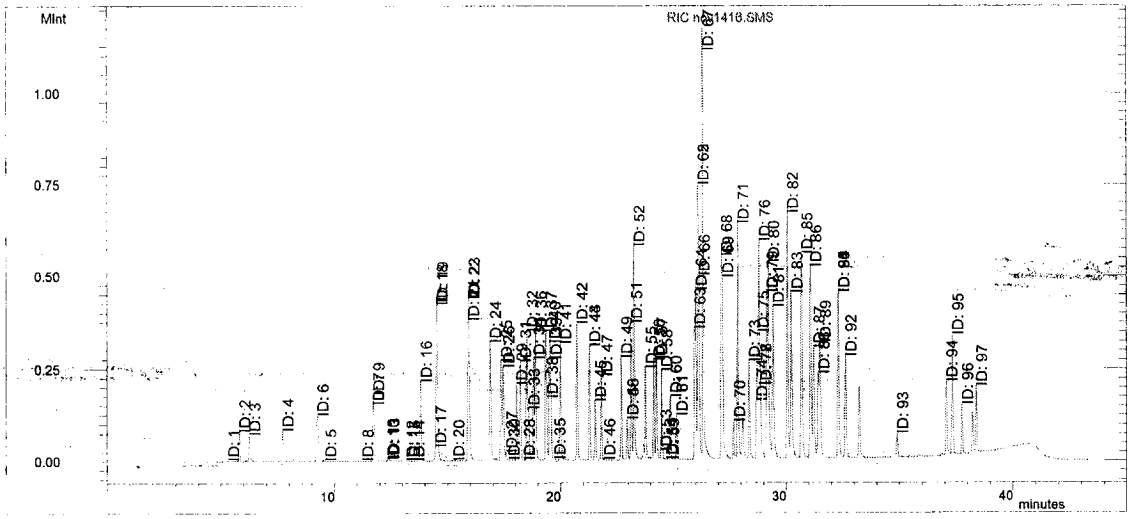
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1416.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS soil **Acquisition Dat** 11/22/02 4:09:12 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	513572	50.000
63	25.955	117	Chlorobenzene-d5(IS2)	988	308638	50.000
88	31.431	152	1,4-Dichlorobenzene-d4(IS3)	968	136891	50.000
1	5.335	85	Dichlorodifluoromethane	593	114	31.422
2	5.820	50+52	Chloromethane	993	128720	61.668
3	6.269	62+64	Vinyl Chloride	999	226472	51.820
4	7.727	94+96	Bromomethane	952	96383	54.808
5	9.599	49	Chloroethane	107	0	0.000
6	9.258	101+103	Trichlorofluoromethane	993	530639	56.434
7	11.706	101+151	Trichlorotrifluoroethane (Freon 113)	858	0	0.000
8	11.241	56	Acrolein	706	0	0.000
9	11.725	96+61+98	1,1-Dichloroethene	991	553893	53.913
10	12.338	142	Iodomethane	948	1743	1743.248
11	12.380	43+58	Acetone	952	27801	48.473
12	13.186	45	Isopropyl alcohol (2-Propanol)	557	0	0.000
13	12.404	76	Carbon disulfide	931	0	0.000
14	13.509	41	Acetonitrile	515	0	0.000
15	13.288	41	Allyl chloride	725	0	0.000
16	13.820	84+49+86	Methylene Chloride	997	499245	43.804
17	14.467	59	tert-Butanol	580	62365	345.596
18	14.531	73	Methyl-tert-butyl-ether (MTBE)	918	253255	46.283
19	14.545	61+96	t-1,2-Dichloroethene	974	445377	53.336
20	15.258	53	Acrylonitrile	644	0	0.000
21	15.928	63	1,1-Dichloroethane	984	314621	53.190
22	15.956	43	Vinyl acetate	735	178641	178640.600

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.955	45	Isopropyl ether	996	441000	55.780
24	16.900	59	Ethyl-tert-butyl-ether	999	477537	55.731
25	17.378	77+41	2,2-Dichloropropane	993	409394	47.037
26	17.471	61+96	c-1,2-Dichloroethene	991	439834	50.131
27	17.593	43+72	2-Butanone (MEK)	974	45315	55.136
28	18.389	54	Propionitrile	287	0	0.000
29	18.057	130+49	Bromochloromethane	997	273098	52.382
30	17.698	39	Methacrylonitrile	496	0	0.000
31	18.229	83+85	Chloroform	999	540297	51.053
32	18.536	97+99	1,1,1-Trichloroethane	982	662661	49.594
33	18.607	111	Dibromofluoromethane (Surr1)	936	116442	53.078
34	18.824	117+119	Carbon Tetrachloride	972	521348	49.163
35	19.726	42+72	Tetrahydrofuran	665	0	0.000
36	18.910	75+39	1,1-Dichloropropene	994	65738	12.218
37	19.363	78	Benzene	996	382547	47.233
38	19.406	65	1,2-Dichloroethane-d4 (Surr2)	984	135511	49.397
39	19.573	62+64	1,2-Dichloroethane	983	298451	54.394
40	19.537	73+55+87	tert-Amyl-methyl-ether	965	473603	50.164
42	20.734	130+132+95	Trichloroethene	990	533772	51.024
43	21.299	41	Methyl methacrylate	539	116742	116742.000
44	21.299	63+65	1,2-Dichloropropane	999	152102	56.126
45	21.550	93+174	Dibromomethane	957	200854	56.992
46	21.939	88	1,4-Dioxane	620	0	0.000
47	21.827	83+85	Bromodichloromethane	991	375248	50.423
48	22.963	63+43	2-Chloroethyl vinyl ether	996	100563	57.780
49	22.701	75+77+39	c-1,3-Dichloropropene	991	383039	47.247
50	22.963	43+58	4-Methyl-2-pentanone	990	139721	61.339
51	23.133	98	Toluene-d8 (Surr3)	993	466151	52.339
52	23.264	92+91	Toluene	996	1159901	52.970
53	24.457	69	Ethyl methacrylate	399	0	0.000
54	24.706	43+58+100	2-Hexanone	395	0	0.000
55	23.795	75+77	t-1,3-Dichloropropene	647	173333	52.470
56	24.158	97+99	1,1,2-Trichloroethane	973	218351	53.769
57	24.269	164+166	Tetrachloroethene	947	43246	45.400
58	24.498	76+41	1,3-Dichloropropane	993	299092	49.553
59	24.770	43	Isobutyl alcohol	386	0	0.000
60	24.885	129+127	Dibromochloromethane	952	241588	54.007
61	25.156	107+109	1,2-Dibromoethane	977	258497	51.952
62	26.114	91	1-Chlorohexane	997	775470	50.241
64	26.011	112+114	Chlorobenzene	993	598730	47.642
65	26.114	106+91	Ethylbenzene	997	1119158	46.673
66	26.155	131+117	1,1,1,2-Tetrachloroethane	982	277636	20.082
67	26.332	106+91	p,m-Xylenes	996	1927620	95.038
68	27.147	106+91	o-Xylene	998	1022977	48.850
69	27.194	104+78	Styrene	986	613884	46.886
70	27.698	171+173+175	Bromoform	935	144142	52.200
71	27.871	105+120	Isopropylbenzene	999	1125707	48.806
72	28.869	75	cis-1,4-Dichloro-2-butene	967	83404	49.766
73	28.367	95	p-Bromofluorobenzene (Surr4)	987	201140	53.616
74	28.694	83+85	1,1,2,2-Tetrachloroethane	956	196885	49.738
75	28.754	77+158	Bromobenzene	989	450849	48.676
76	28.812	91+120	n-Propylbenzene	996	1233442	46.562

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.869	75	trans-1,4-Dichloro-2-butene	367	83404	49.766
78	28.869	75+110	1,2,3-Trichloropropane	967	128871	52.496
79	29.155	91+126	2-Chlorotoluene	992	793481	46.430
80	29.230	105+120	1,3,5-Trimethylbenzene	997	1053482	50.086
81	29.438	91+126	4-Chlorotoluene	992	730561	47.871
82	30.076	119+91	tert-Butylbenzene	985	1430779	50.617
83	30.246	105+120	1,2,4-Trimethylbenzene	995	952573	49.945
84	32.326	117	Pentachloroethane	990	4366	50.991
85	30.694	105+134	sec-Butylbenzene	996	1102379	48.626
86	31.089	119	4-Isopropyltoluene	987	715060	48.490
87	31.224	146+148	1,3-Dichlorobenzene	986	475877	48.224
89	31.505	146+148	1,4-Dichlorobenzene	990	447975	47.949
90	32.324	91	Benzyl Chloride	991	546830	46.812
91	32.324	91+134	n-Butylbenzene	991	777411	45.727
92	32.639	146+148	1,2-Dichlorobenzene	993	421940	47.835
93	34.915	75+157	1,2-Dibromo-3-chloropropane	961	63290	49.498
94	37.082	180+182	1,2,4-Trichlorobenzene	976	199285	44.794
95	37.356	225+226	Hexachlorobutadiene	981	145317	42.758
96	37.776	128	Naphthalene	982	184423	44.775
97	38.397	180+182	1,2,3-Trichlorobenzene	983	176596	39.694

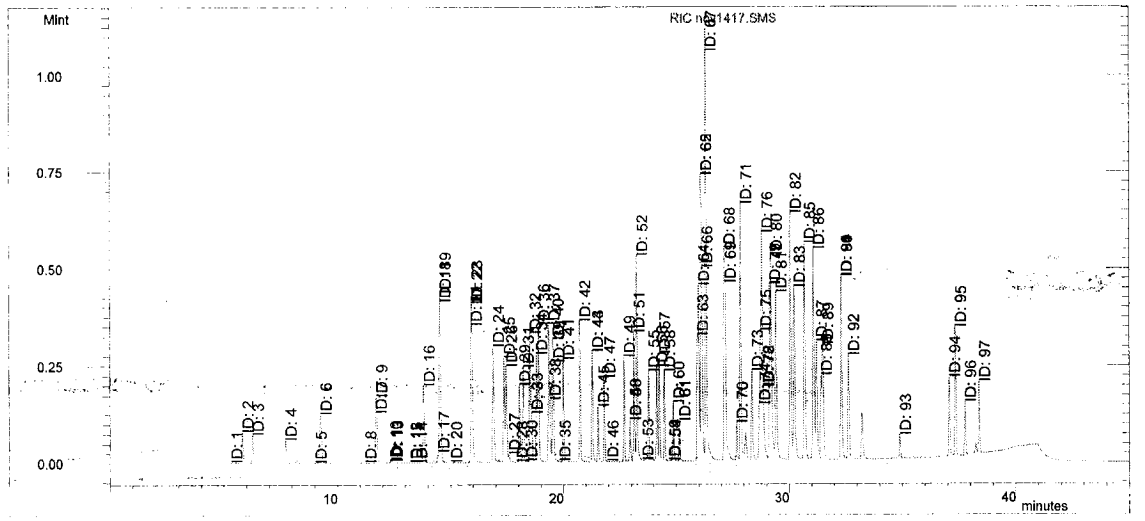
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1417.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCSD soil **Acquisition Dat** 11/22/02 4:56:13 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.002	96+70	Fluorobenzene (IS1)	999	444686	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	988	279218	50.000
88	31.428	152	1,4-Dichlorobenzene-d4(IS3)	968	128841	50.000
1	5.335	85	Dichlorodifluoromethane	566	193	61.361
2	5.824	50+52	Chloromethane	996	127855	70.743
3	6.272	62+64	Vinyl Chloride	999	221507	58.535
4	7.723	94+96	Bromomethane	952	45251	29.718
5	9.038	49	Chloroethane	520	0	0.000
6	9.264	101+103	Trichlorofluoromethane	994	524698	64.446
7	11.704	101+151	Trichlorotrifluoroethane (Freon 113)	855	0	0.000
8	11.229	56	Acrolein	780	0	0.000
9	11.728	96+61+98	1,1-Dichloroethene	992	521119	58.580
10	12.330	142	Iodomethane	949	1965	1965.180
11	12.372	43+58	Acetone	955	26946	54.260
12	13.236	45	Isopropyl alcohol (2-Propanol)	559	0	0.000
13	12.413	76	Carbon disulfide	925	705	36.746
14	13.492	41	Acetonitrile	394	0	0.000
15	13.275	41	Allyl chloride	697	0	0.000
16	13.821	84+49+86	Methylene Chloride	999	461324	46.747
17	14.459	59	tert-Butanol	582	61128	391.217
18	14.531	73	Methyl-tert-butyl-ether (MTBE)	927	237921	50.216
19	14.545	61+96	t-1,2-Dichloroethene	988	447680	61.917
20	15.024	53	Acrylonitrile	639	0	0.000
21	15.928	63	1,1-Dichloroethane	986	302231	59.010
22	15.957	43	Vinyl acetate	765	165872	165872.300

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.956	45	Isopropyl ether	994	415319	60.670
24	16.906	59	Ethyl-tert-butyl-ether	998	445078	59.990
25	17.379	77+41	2,2-Dichloropropane	993	396801	52.652
26	17.471	61+96	c-1,2-Dichloroethene	991	419877	55.270
27	17.587	43+72	2-Butanone (MEK)	968	42121	59.189
28	17.925	54	Propionitrile	373	0	0.000
29	18.055	130+49	Bromochloromethane	996	247228	54.766
30	18.363	39	Methacrylonitrile	477	0	0.000
31	18.228	83+85	Chloroform	1000	500232	54.589
32	18.536	97+99	1,1,1-Trichloroethane	983	646067	55.842
33	18.606	111	Dibromofluoromethane (Surr1)	943	104268	54.891
34	18.824	117+119	Carbon Tetrachloride	966	509183	55.454
35	19.836	42+72	Tetrahydrofuran	594	0	0.000
36	18.908	75+39	1,1-Dichloropropene	993	0	0.000
37	19.362	78	Benzene	996	375713	53.575
38	19.405	65	1,2-Dichloroethane-d4 (Surr2)	988	124869	52.568
39	19.572	62+64	1,2-Dichloroethane	973	286204	60.242
40	19.536	73+55+87	tert-Amyl-methyl-ether	975	447326	54.720
42	20.732	130+132+95	Trichloroethene	989	519552	54.898
43	21.296	41	Methyl methacrylate	569	109104	109104.000
44	21.296	63+65	1,2-Dichloropropane	999	144599	58.980
45	21.548	93+174	Dibromomethane	953	177031	55.525
46	21.964	88	1,4-Dioxane	610	0	0.000
47	21.825	83+85	Bromodichloromethane	991	351799	52.253
48	22.960	63+43	2-Chloroethyl vinyl ether	990	94295	59.887
49	22.699	75+77+39	c-1,3-Dichloropropene	991	374549	51.068
50	22.960	43+58	4-Methyl-2-pentanone	990	130626	63.389
51	23.131	98	Toluene-d8 (Surr3)	993	406180	50.411
52	23.261	92+91	Toluene	997	1072244	54.127
53	23.505	69	Ethyl methacrylate	494	0	0.000
54	24.715	43+58+100	2-Hexanone	373	0	0.000
55	23.794	75+77	t-1,3-Dichloropropene	649	162442	54.354
56	24.155	97+99	1,1,2-Trichloroethane	971	199889	54.410
57	24.269	164+166	Tetrachloroethene	946	45446	52.737
58	24.495	76+41	1,3-Dichloropropane	987	283498	51.919
59	24.691	43	Isobutyl alcohol	543	0	0.000
60	24.882	129+127	Dibromochloromethane	956	216499	53.499
61	25.153	107+109	1,2-Dibromoethane	976	233783	51.935
62	26.111	91	1-Chlorohexane	996	780968	55.928
64	26.008	112+114	Chlorobenzene	993	598645	52.654
65	26.111	106+91	Ethylbenzene	996	1123241	49.770
66	26.152	131+117	1,1,1,2-Tetrachloroethane	982	271186	20.841
67	26.329	106+91	p,m-Xylenes	996	1893084	99.167
68	27.145	106+91	o-Xylene	996	998617	50.667
69	27.192	104+78	Styrene	985	587450	47.671
70	27.696	171+173+175	Bromoform	935	135857	52.274
71	27.869	105+120	Isopropylbenzene	999	1155821	53.243
72	28.865	75	cis-1,4-Dichloro-2-butene	969	77540	49.158
73	28.363	95	p-Bromofluorobenzene (Surr4)	987	178726	50.618
74	28.692	83+85	1,1,2,2-Tetrachloroethane	968	183879	49.355
75	28.752	77+158	Bromobenzene	977	432642	49.629
76	28.810	91+120	n-Propylbenzene	995	1236883	49.610

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.150	75	trans-1,4-Dichloro-2-butene	346	2064	1.308
78	28.866	75+110	1,2,3-Trichloropropane	966	118587	51.325
79	29.153	91+126	2-Chlorotoluene	992	772546	48.029
80	29.227	105+120	1,3,5-Trimethylbenzene	997	1034981	52.281
81	29.436	91+126	4-Chlorotoluene	992	742566	51.697
82	30.073	119+91	tert-Butylbenzene	985	1395723	52.462
83	30.243	105+120	1,2,4-Trimethylbenzene	995	958664	53.405
84	32.323	117	Pentachloroethane	990	3877	48.110
85	30.691	105+134	sec-Butylbenzene	997	1111274	52.082
86	31.086	119	4-Isopropyltoluene	987	740349	53.342
87	31.222	146+148	1,3-Dichlorobenzene	989	484372	52.152
89	31.500	146+148	1,4-Dichlorobenzene	982	429411	48.833
90	32.323	91	Benzyl Chloride	991	560077	50.942
91	32.323	91+134	n-Butylbenzene	991	801324	50.078
92	32.637	146+148	1,2-Dichlorobenzene	986	406471	48.961
93	34.913	75+157	1,2-Dibromo-3-chloropropane	962	59429	49.383
94	37.083	180+182	1,2,4-Trichlorobenzene	976	201634	48.153
95	37.357	225+226	Hexachlorobutadiene	993	153530	47.998
96	37.777	128	Naphthalene	989	185302	47.800
97	38.399	180+182	1,2,3-Trichlorobenzene	983	182101	43.489

EPA 8015:

Carbon Chain I

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Varian Star Workstation - 8200 SampleList Mon Nov 25 09:40:44 2002

SampleList: C:\Star\INSTRUMENT 2 - GC 9\DATA - GC 9\nov02\1122.SMP

Created: Fri Nov 22 14:10:49 2002
Modified: Sun Nov 24 10:06:04 2002

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Line	Sample Name	Rack	Vial	Injection Volume	Multiplier	Divisor
1	dccv-gw144	1	1	3.0	1	1
2	goccv-gw145	1	2	3.0	1	1
3	mb1122-10-10	1	3	3.0	1	1
4	lcs1122-10-10	1	4	3.0	1	1
5	lcsd1122-10-10	1	5	3.0	1	1
6	102580-810-10-10	1	6	3.0	1	1
7	102850-811-10-10	1	7	3.0	1	1
8	102529-561-10-10	1	8	3.0	1	1
9	102529-562-10-10	1	9	3.0	1	1
10	102529-563-10-10	1	10	3.0	1	1
11	102529-564-10-10	1	11	3.0	1	1
12	102529-565-10-10	1	12	3.0	1	1
13	dccv-gw144	1	1	3.0	1	1
14	goccv-gw145	1	2	3.0	1	1
15	102529-566-10-10	2	1	3.0	1	1
16	102529-567-10-10	2	2	3.0	1	1
17	102529-568-10-10	2	3	3.0	1	1
18	102529-569-10-10	2	4	3.0	1	1
19	102529-570-10-10	2	5	3.0	1	1
20	102529-571-10-10	2	6	3.0	1	1
21	102529-571-ms	2	7	3.0	1	1
22	102529-571-msd	2	8	3.0	1	1
23	cc-std-500ppm	2	9	3.0	1	1
24	lcs1-1000-5	2	10	3.0	1	1
25	lcs2-1000-5	2	11	3.0	1	1
26	lcs3-1000-5	2	12	3.0	1	1
27	lcs4-1000-5	3	1	3.0	1	1
28	lcs5-1000-5	3	2	3.0	1	1
29	mdl-g1-10-10	3	3	3.0	1	1
30	mdl-g2-10-10	3	4	3.0	1	1
31	mdl-g3-10-10	3	5	3.0	1	1
32	mdl-g4-10-10	3	6	3.0	1	1

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1010.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

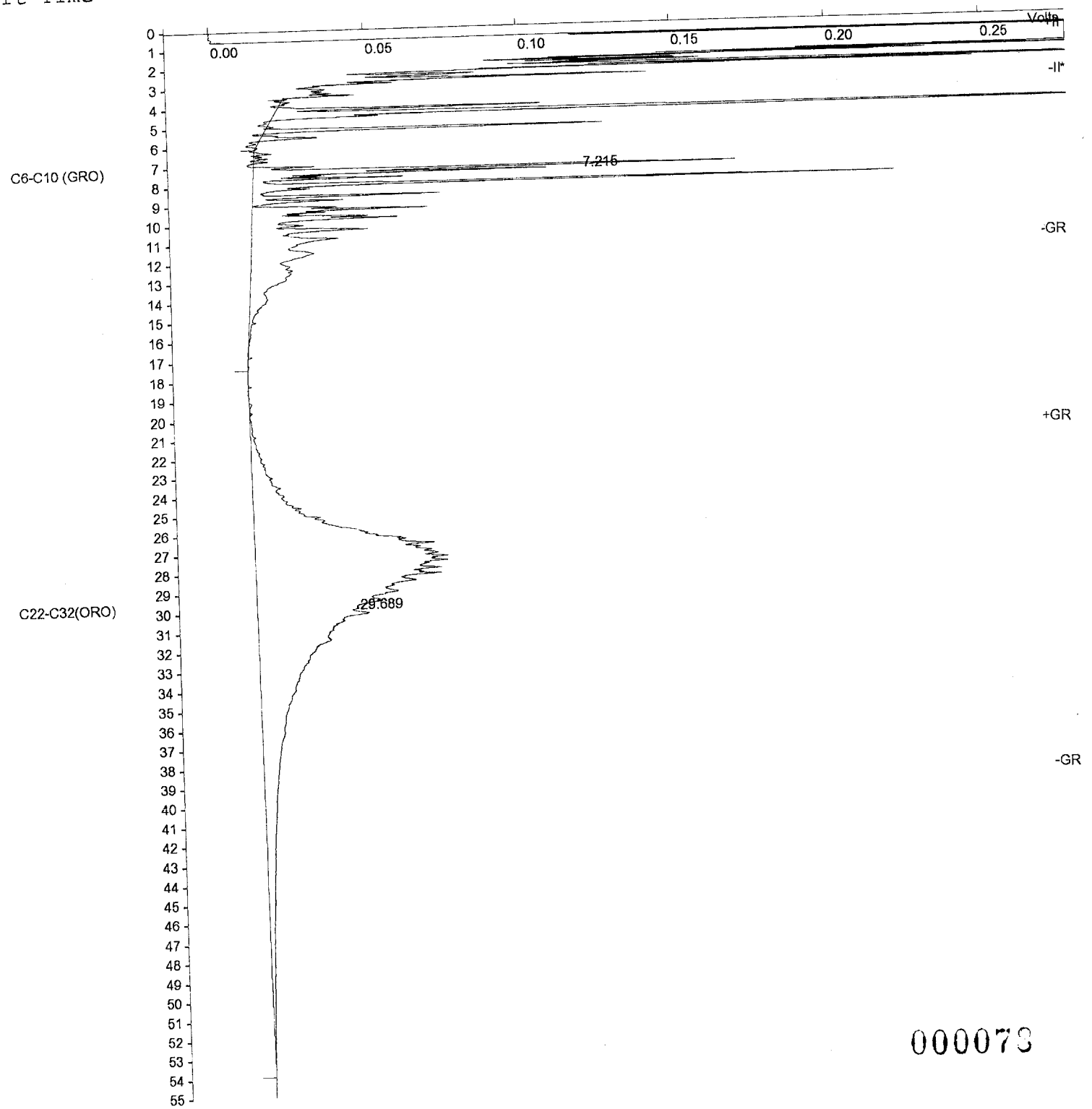
Injection Date: 11/22/02 11:46 AM Calculation Date: 11/25/02 8:41 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



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Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1010.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/22/02 11:46 AM Calculation Date: 11/25/02 8:41 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	512.5918	7.215	0.001	11245036	GR	0.0	1	
2	C22-C32(ORO)	422.4629	29.689	0.000	22805828	GR	0.0	3	
	Group 1	512.5918		0.001	11245036				
	Group 3	422.4629		0.000	22805828				
	Totals:	935.0547		0.001	34050864				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 22 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 174 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

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Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/22/02 2:14 PM

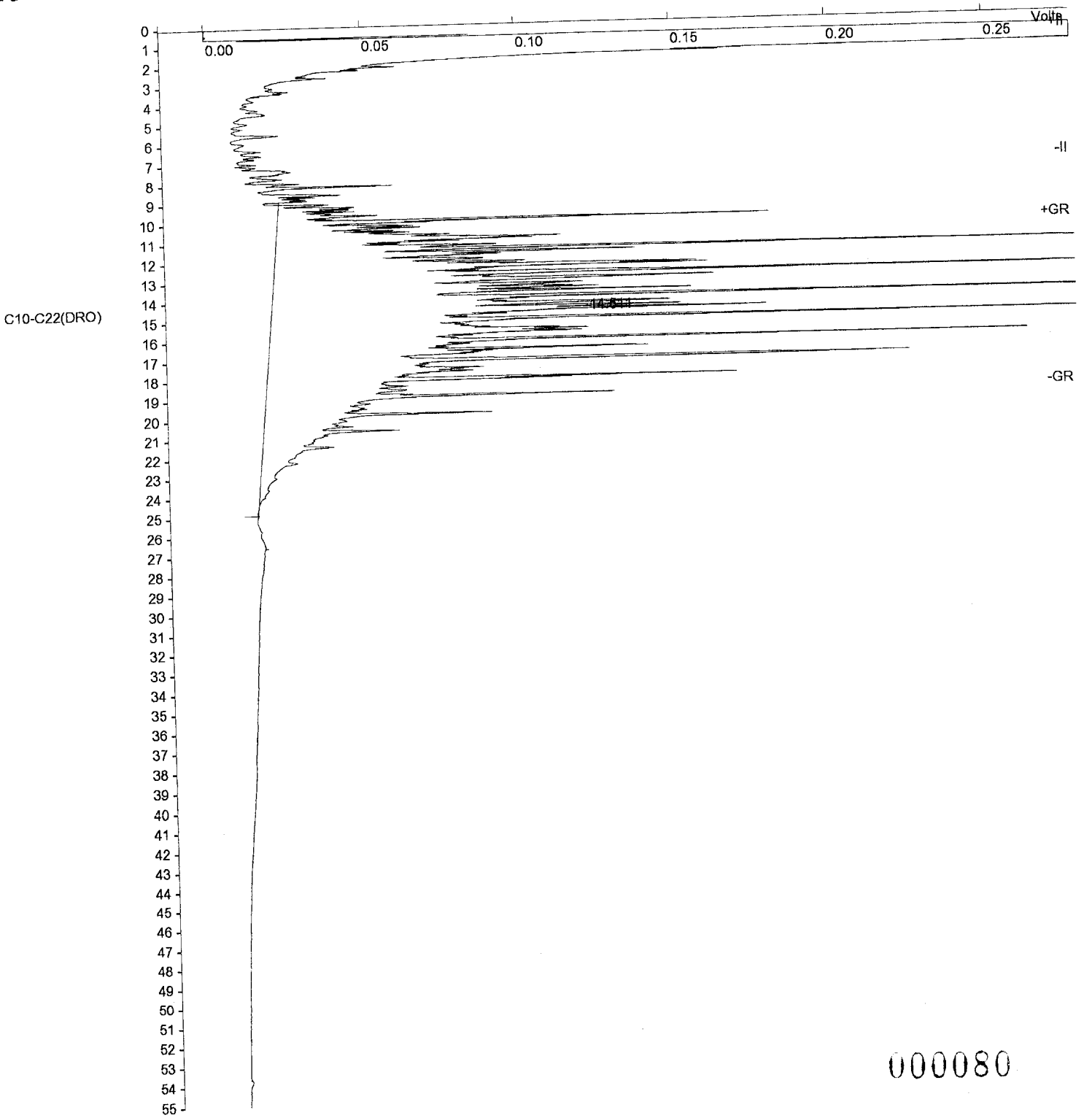
Calculation Date: 11/22/02 3:09 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/22/02 2:14 PM Calculation Date: 11/22/02 3:09 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	529.9055	6.0	14.511	0.000	45109984	2	
	Group 2		529.9055			0.000	45109984		
	Totals:		529.9055			0.000	45109984		

Total Unidentified Counts : 0 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -11 microVolts

Noise (used): 2341 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

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Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1122-10-10

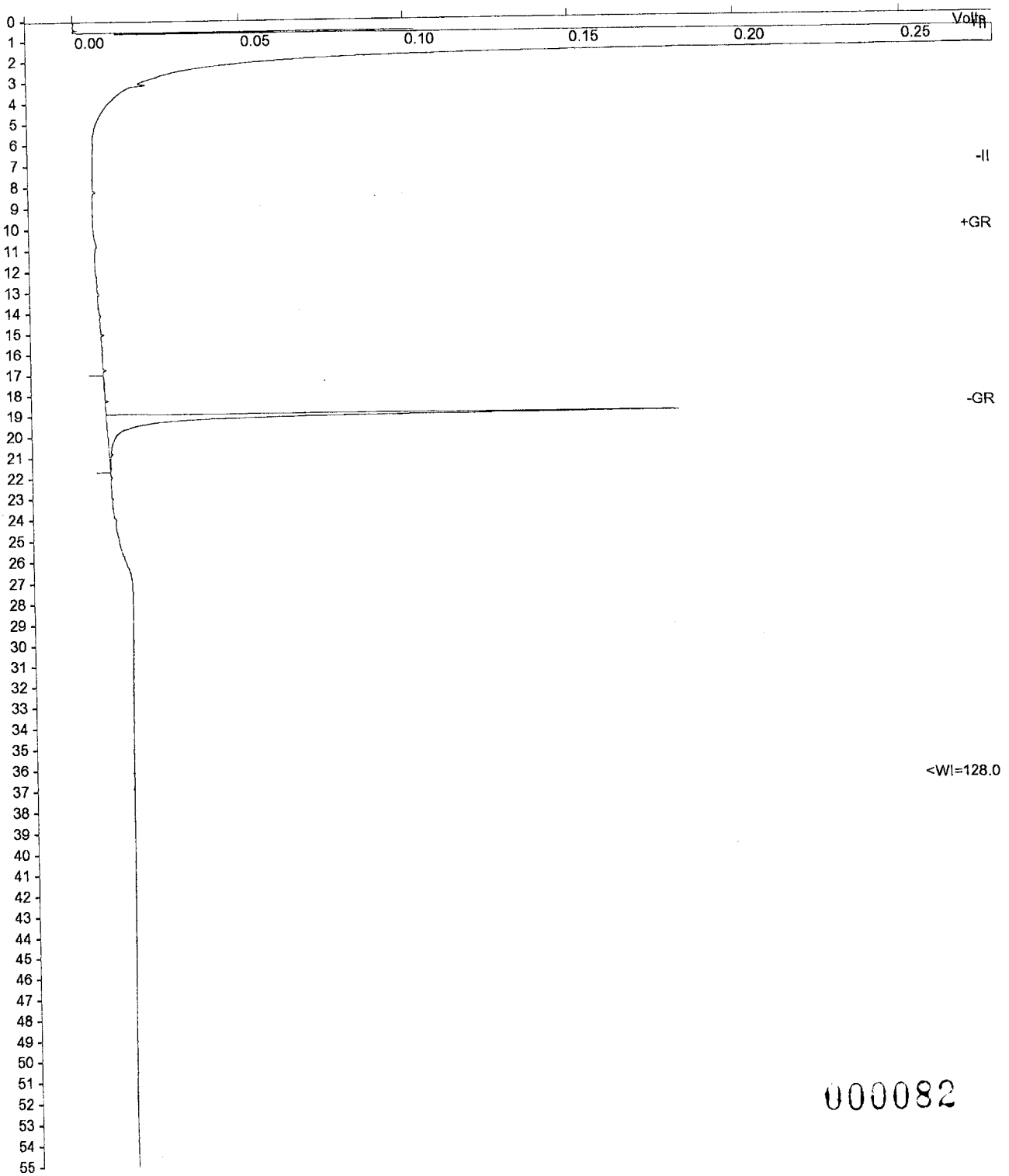
Injection Date: 11/22/02 4:31 PM Calculation Date: 11/22/02 5:26 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1122-10-10

Injection Date: 11/22/02 4:31 PM Calculation Date: 11/22/02 5:26 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1813172 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 109 microVolts

Noise (used): 166 microVolts - monitored before this run

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

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Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : mb1122-10-10

Injection Date: 11/22/02 4:31 PM Calculation Date: 11/25/02 8:42 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	11.2393	18.957	0.121	1755895	BB	7.1	0	
	Group 0	11.2393		0.121	1755895				
	Totals:	11.2393		0.121	1755895				

Total Unidentified Counts : 52135764 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 109 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 166 microVolts

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

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Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1122-10-10

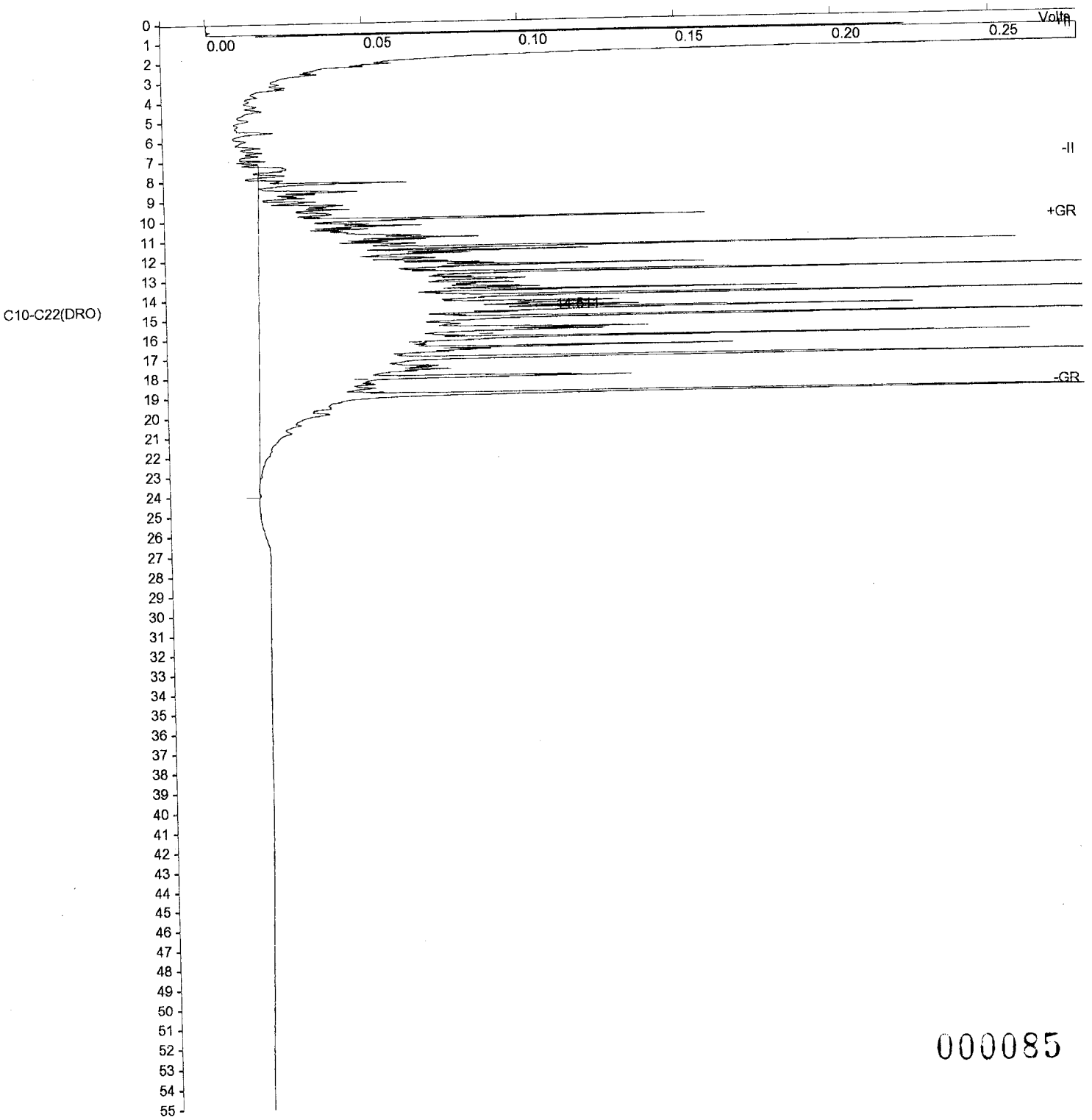
Injection Date: 11/22/02 5:40 PM Calculation Date: 11/22/02 6:35 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1122-10-10

Injection Date: 11/22/02 5:40 PM Calculation Date: 11/22/02 6:35 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	494.9123	14.511	0.000	42160164	GR	0.0	2	
	Group 2	494.9123		0.000	42160164				
	Totals:	494.9123		0.000	42160164				

Total Unidentified Counts : 0 counts

Detected Peaks: 7 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 203 microVolts

Noise (used): 118 microVolts - monitored before this run

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

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Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcs1122-10-10

Injection Date: 11/22/02 5:40 PM Calculation Date: 11/25/02 8:42 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	17.5150	18.866	0.030	2657583	VB	4.3	0	
	Group 0	17.5150		0.030	2657583				
	Totals:	17.5150		0.030	2657583				

Total Unidentified Counts : 80252840 counts

Detected Peaks: 32 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 203 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 118 microVolts

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1122-10-10

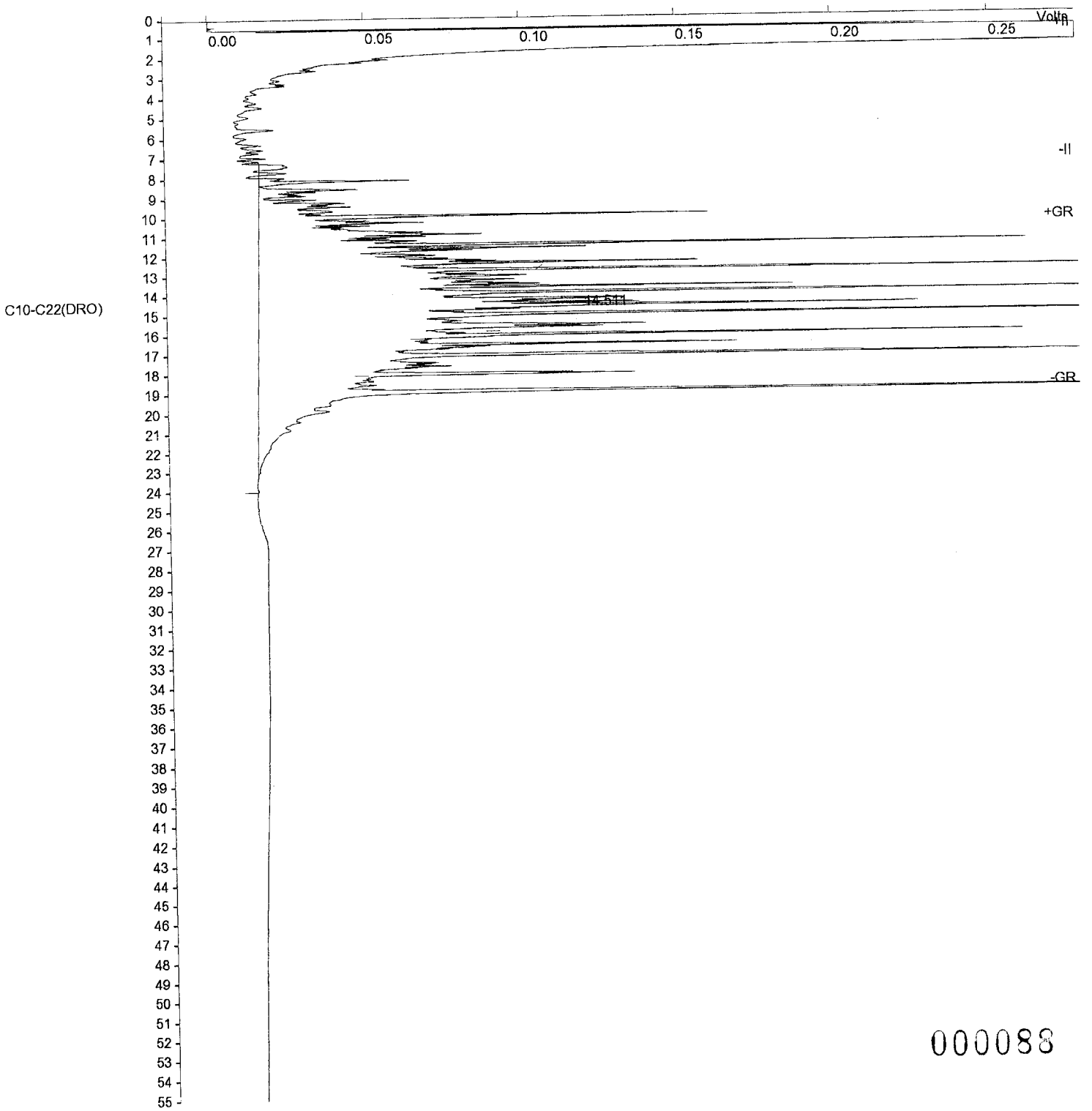
Injection Date: 11/22/02 6:48 PM Calculation Date: 11/22/02 7:43 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



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Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1122-10-10

Injection Date: 11/22/02 6:48 PM Calculation Date: 11/22/02 7:43 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	501.1870	14.511	0.000	42689100	GR	0.0	2	
	Group 2	501.1870		0.000	42689100				
	Totals:	501.1870		0.000	42689100				

Total Unidentified Counts : 0 counts

Detected Peaks: 7 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 204 microVolts

Noise (used): 172 microVolts - monitored before this run

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcsd1122-10-10

Injection Date: 11/22/02 6:48 PM Calculation Date: 11/25/02 8:42 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.2727	18.858	0.021	2766441	VB	3.9	0	
	Group 0	18.2727		0.021	2766441				
	Totals:	18.2727		0.021	2766441				

Total Unidentified Counts : 79996216 counts

Detected Peaks: 32 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 204 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 172 microVolts

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1019.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-561-10-10

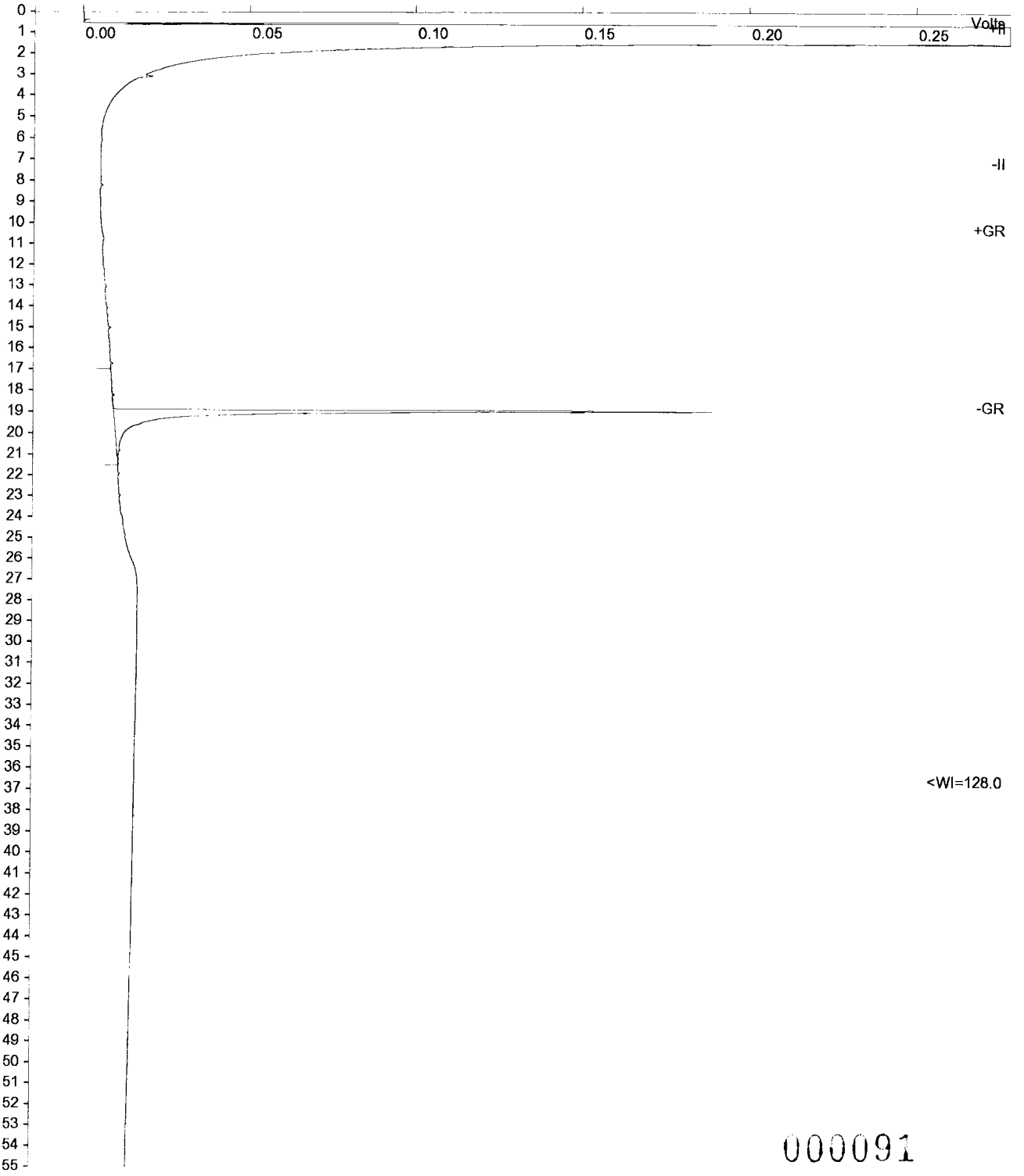
Injection Date: 11/22/02 10:11 PM Calculation Date: 11/22/02 11:06 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1019.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-561-10-10

Injection Date: 11/22/02 10:11 PM Calculation Date: 11/22/02 11:06 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1889825 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 36 microVolts

Noise (used): 124 microVolts - monitored before this run

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1019.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-561-10-10

Injection Date: 11/22/02 10:11 PM Calculation Date: 11/25/02 9:07 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1889825 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 36 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 124 microVolts

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1020.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-562-10-10

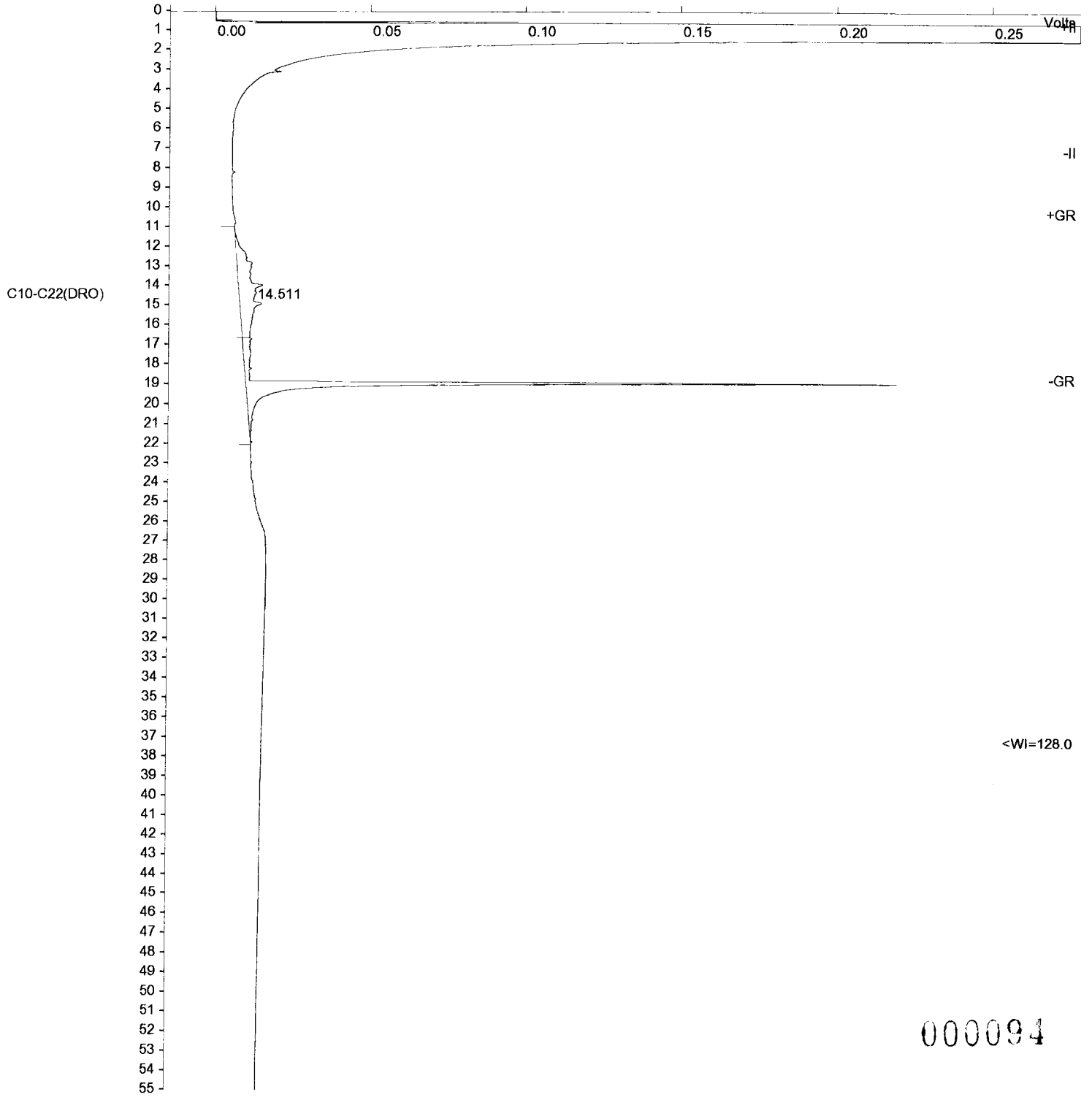
Injection Date: 11/22/02 11:18 PM Calculation Date: 11/23/02 12:13 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1020.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-562-10-10

Injection Date: 11/22/02 11:18 PM Calculation Date: 11/23/02 12:13 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	8.3870	14.511	0.000	1147584	GR	0.0	2	
	Group 2	8.3870		0.000	1147584				
	Totals:	8.3870		0.000	1147584				

Total Unidentified Counts : 2276863 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 136 microVolts

Noise (used): 173 microVolts - monitored before this run

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-22-02-1020.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-562-10-10

Injection Date: 11/22/02 11:18 PM Calculation Date: 11/25/02 9:07 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 3424447 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 136 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 173 microVolts

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-563-10-10

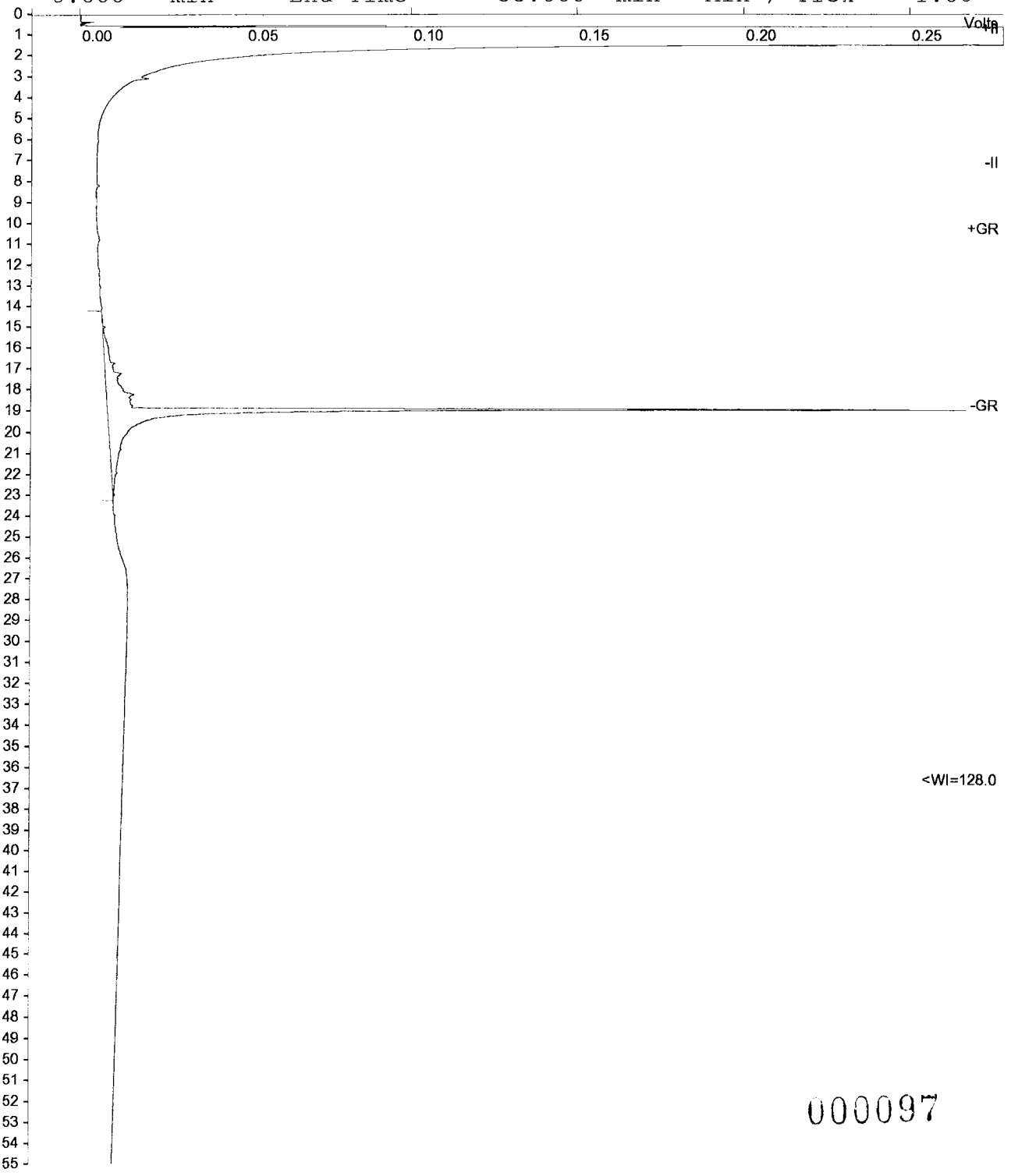
Injection Date: 11/23/02 12:26 AM Calculation Date: 11/23/02 1:21 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000097

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-563-10-10

Injection Date: 11/23/02 12:26 AM Calculation Date: 11/23/02 1:21 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 3363252 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 67 microVolts

Noise (used): 162 microVolts - monitored before this run

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-563-10-10

Injection Date: 11/23/02 12:26 AM Calculation Date: 11/25/02 9:07 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 3363252 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 67 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 162 microVolts

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1001.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-564-10-10

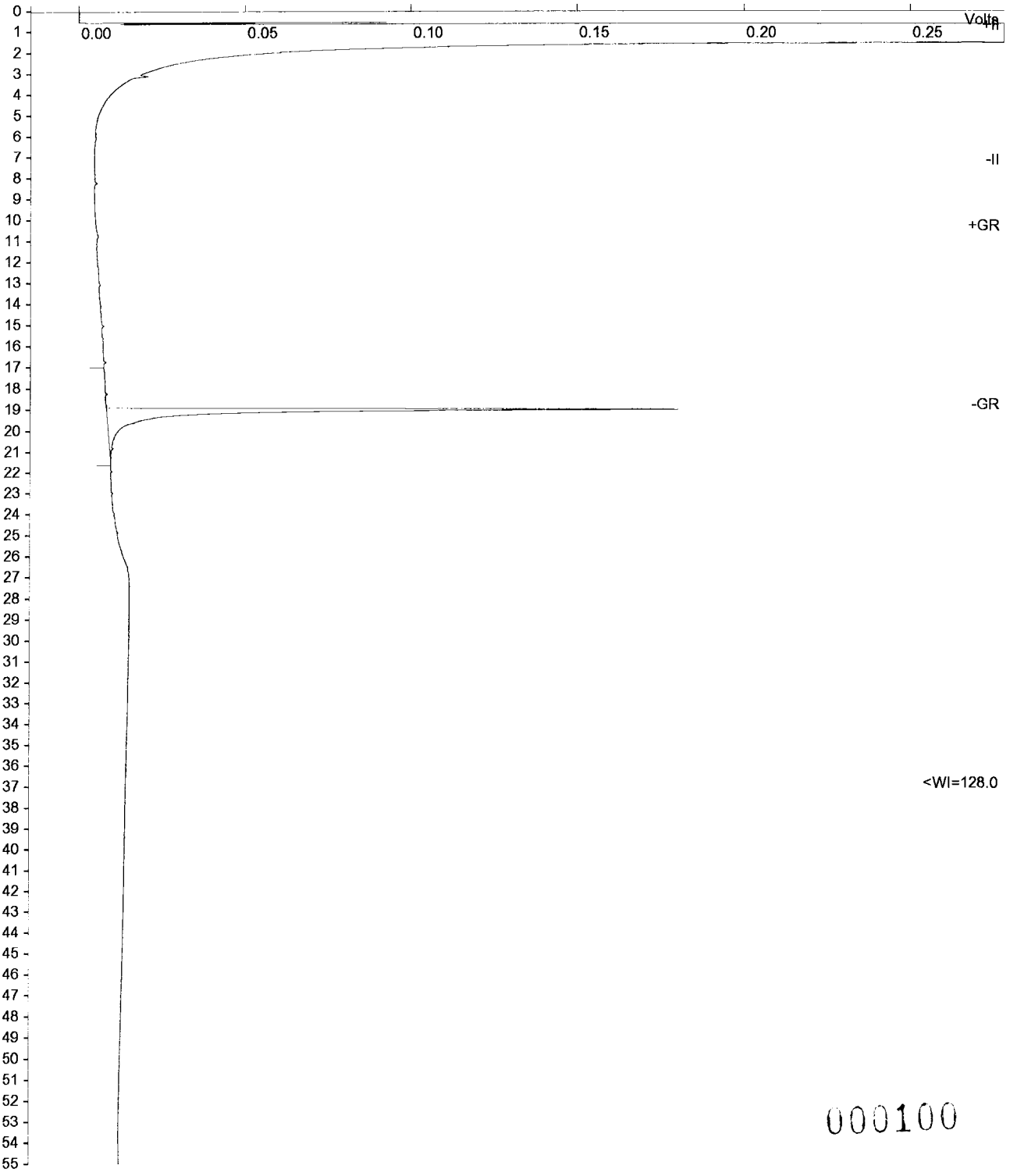
Injection Date: 11/23/02 1:33 AM Calculation Date: 11/23/02 2:28 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1001.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-564-10-10

Injection Date: 11/23/02 1:33 AM Calculation Date: 11/23/02 2:28 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1919786 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -59 microVolts

Noise (used): 176 microVolts - monitored before this run

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1001.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-564-10-10

Injection Date: 11/23/02 1:33 AM Calculation Date: 11/25/02 9:07 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1919786 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -59 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 176 microVolts

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1002.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-565-10-10

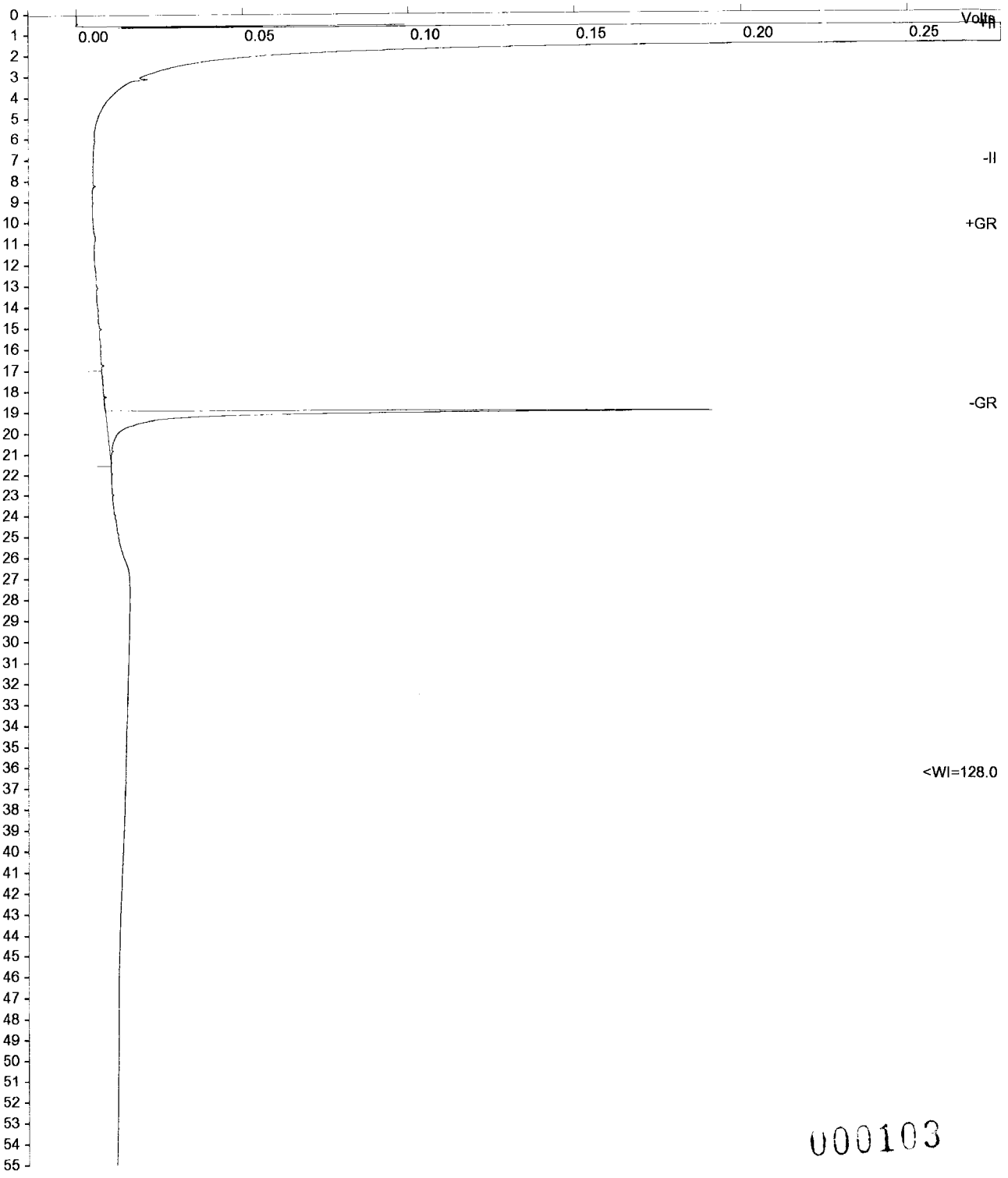
Injection Date: 11/23/02 2:41 AM Calculation Date: 11/23/02 3:36 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000103

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1002.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-565-10-10

Injection Date: 11/23/02 2:41 AM Calculation Date: 11/23/02 3:36 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1990297 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -7 microVolts

Noise (used): 164 microVolts - monitored before this run

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1002.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-565-10-10

Injection Date: 11/23/02 2:41 AM Calculation Date: 11/25/02 9:09 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1990297 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -7 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 164 microVolts

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

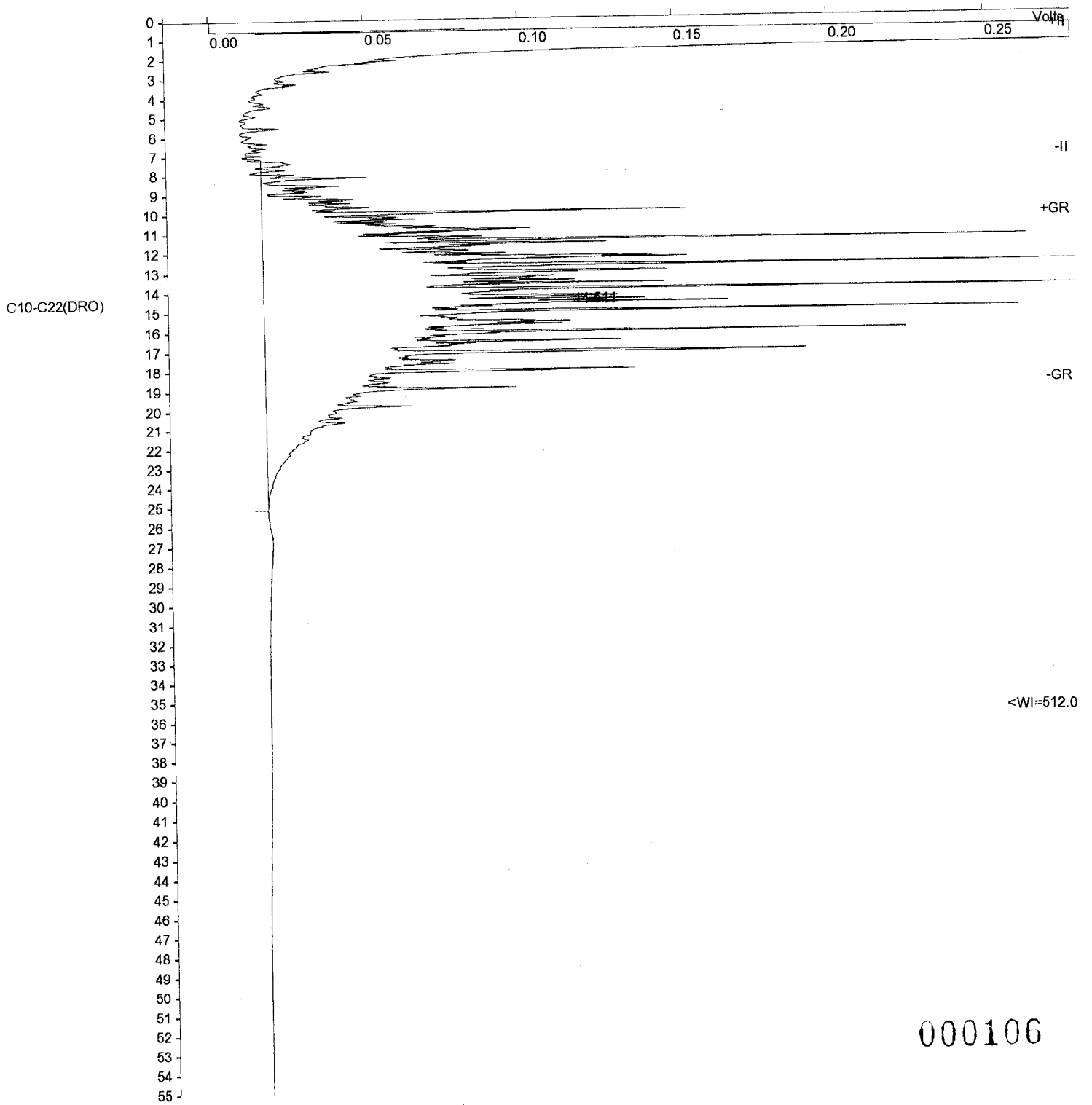
Injection Date: 11/23/02 3:49 AM Calculation Date: 11/23/02 4:44 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000106

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/23/02 3:49 AM Calculation Date: 11/23/02 4:44 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	513.0103	2.6	14.511	0.000	43685768	2	
	Group 2		513.0103			0.000	43685768		
	Totals:		513.0103			0.000	43685768		

Total Unidentified Counts : 0 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 319 microVolts

Noise (used): 107 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

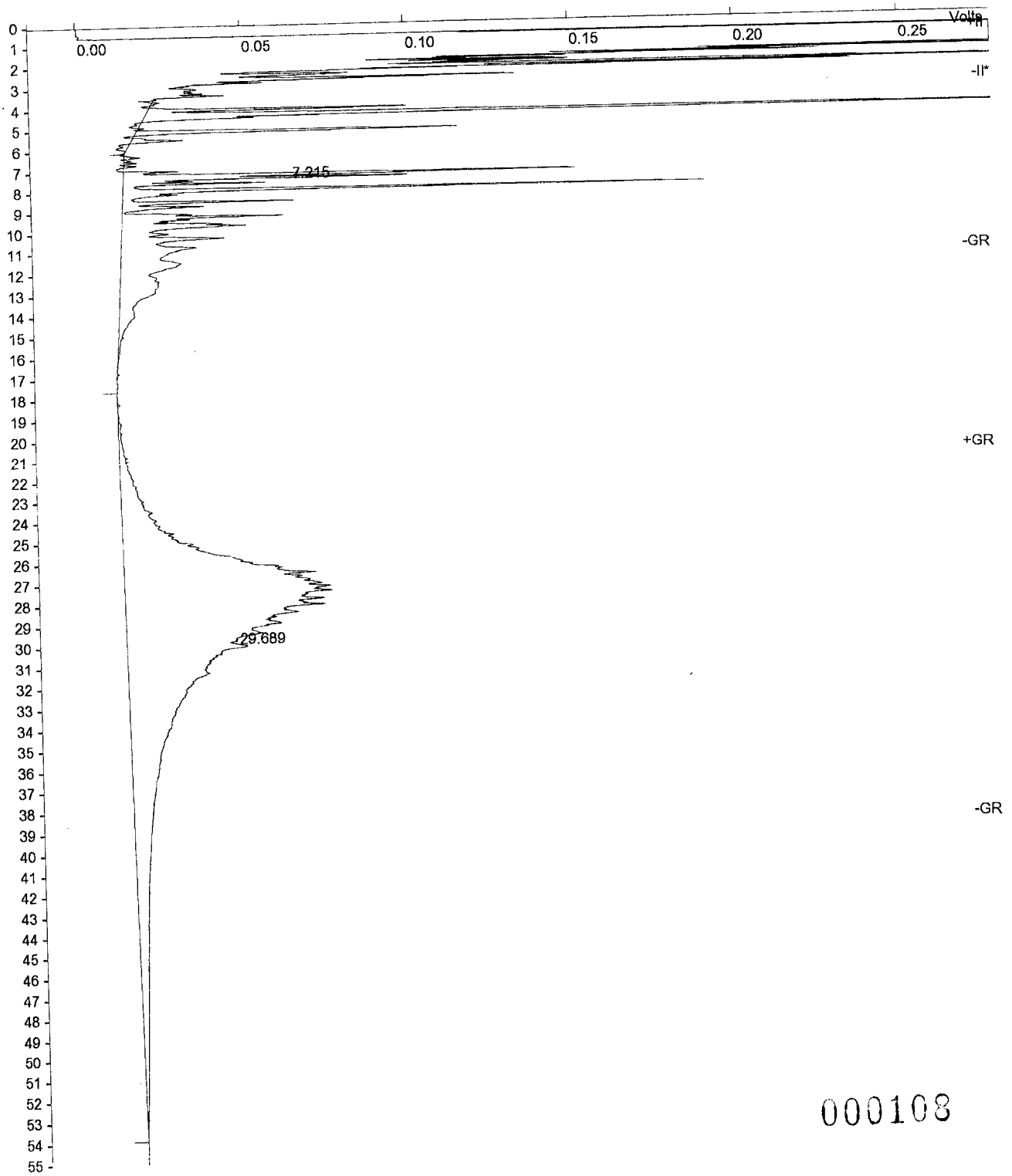
Injection Date: 11/23/02 4:56 AM Calculation Date: 11/25/02 8:33 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000108

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/23/02 4:56 AM Calculation Date: 11/25/02 8:33 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	470.5121	7.215	0.001	10321908	GR	0.0	1	
2	C22-C32(ORO)	443.7662	29.689	0.000	23955846	GR	0.0	3	
	Group 1	470.5121		0.001	10321908				
	Group 3	443.7662		0.000	23955846				
	Totals:	914.2783		0.001	34277754				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 231 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 219 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1005.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-566-10-10

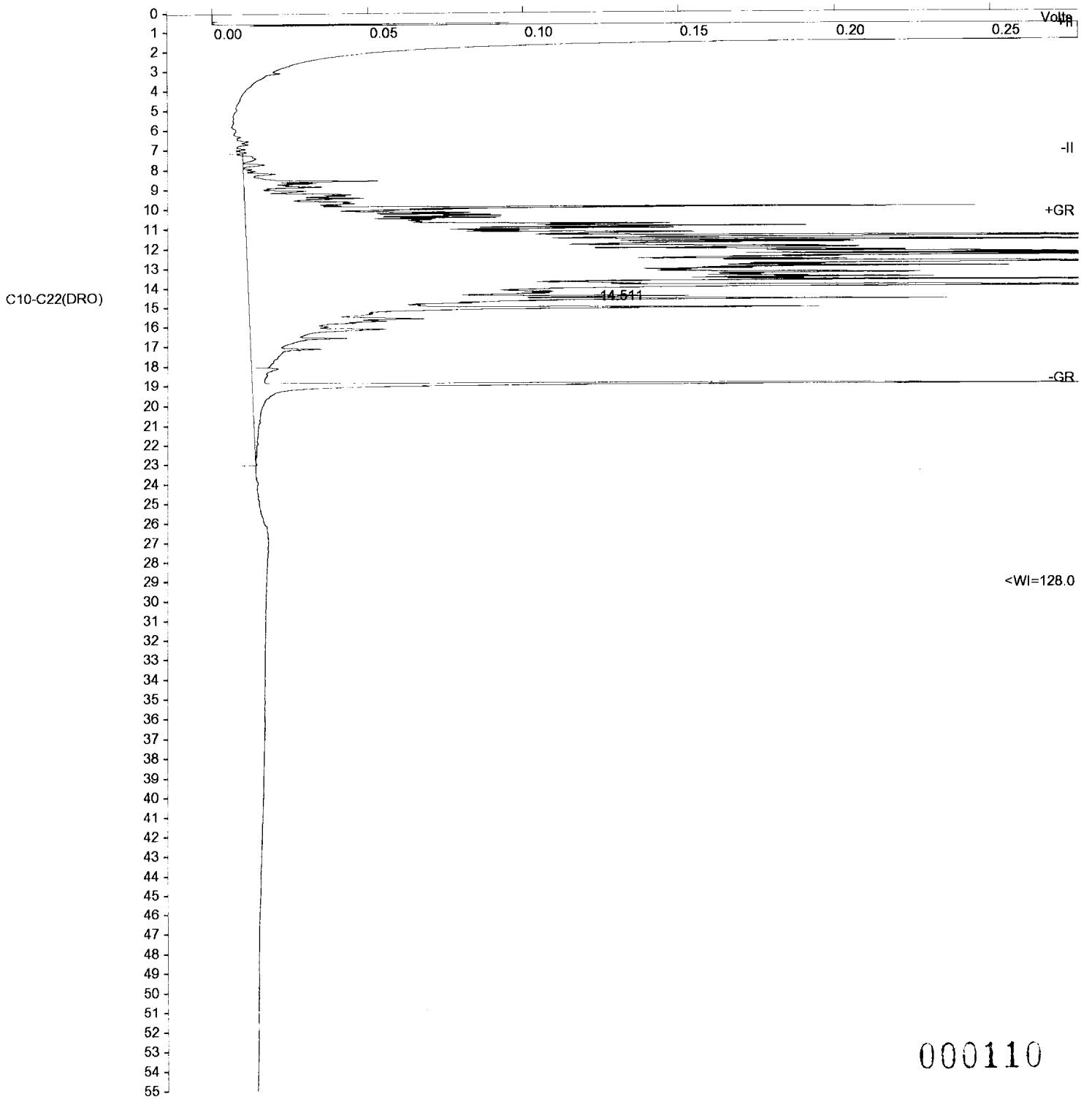
Injection Date: 11/23/02 6:04 AM Calculation Date: 11/23/02 6:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1005.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-566-10-10

Injection Date: 11/23/02 6:04 AM Calculation Date: 11/23/02 6:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	634.0921	14.511	0.000	53892596	GR	0.0	2	
	Group 2	634.0921		0.000	53892596				
	Totals:	634.0921		0.000	53892596				

Total Unidentified Counts : 2660650 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 49 microVolts

Noise (used): 225 microVolts - monitored before this run

Rack: 2 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-566-10-10

Injection Date: 11/23/02 6:04 AM Calculation Date: 11/25/02 9:09 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 57993648 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 49 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 225 microVolts

Rack: 2 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1006.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-567-10-10

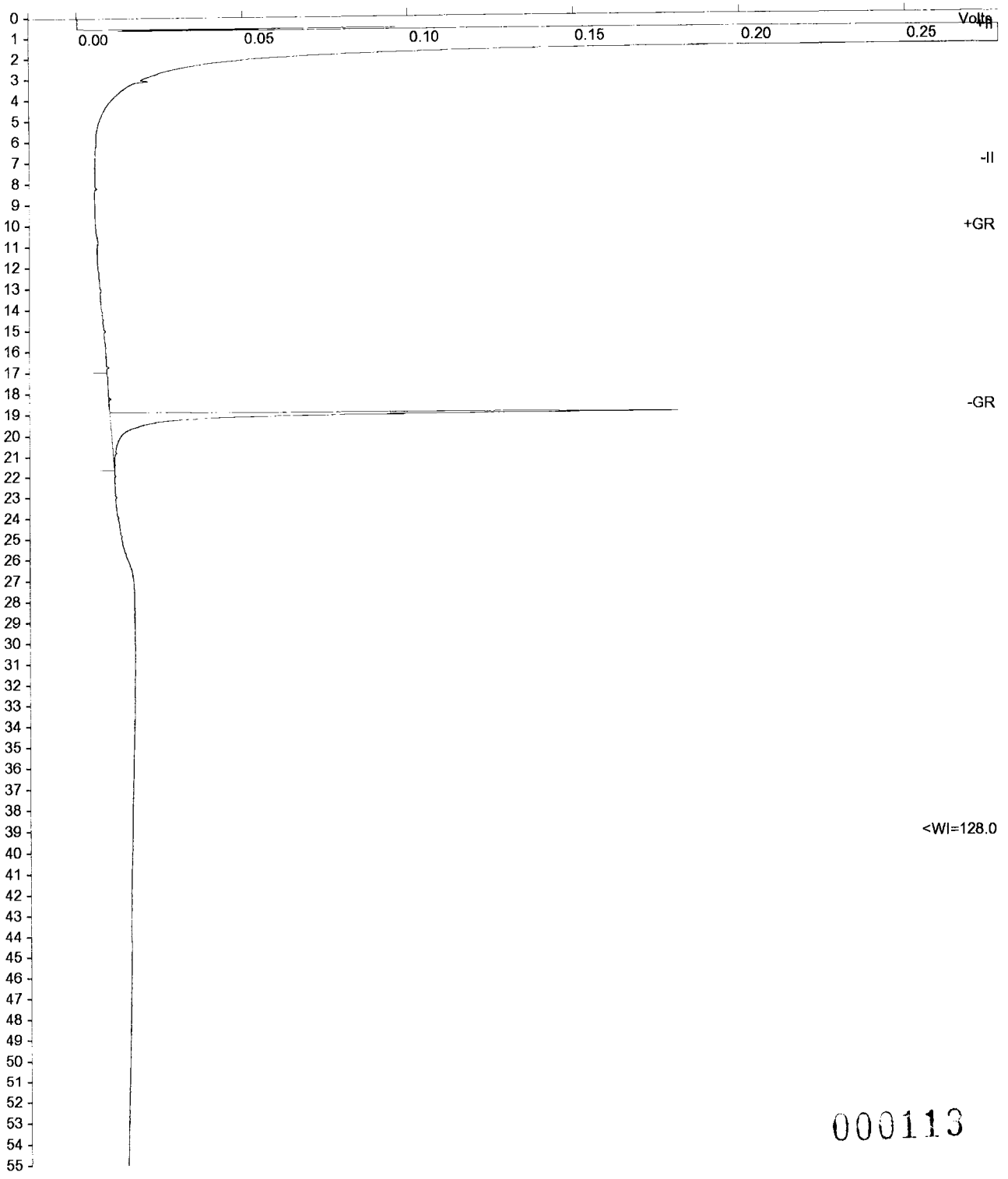
Injection Date: 11/23/02 7:11 AM Calculation Date: 11/23/02 8:07 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000113

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1006.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-567-10-10

Injection Date: 11/23/02 7:11 AM Calculation Date: 11/23/02 8:07 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1923463 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 184 microVolts

Noise (used): 128 microVolts - monitored before this run

Rack: 2 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1006.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-567-10-10

Injection Date: 11/23/02 7:11 AM Calculation Date: 11/25/02 9:09 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1923463 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 184 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 128 microVolts

Rack: 2 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-568-10-10

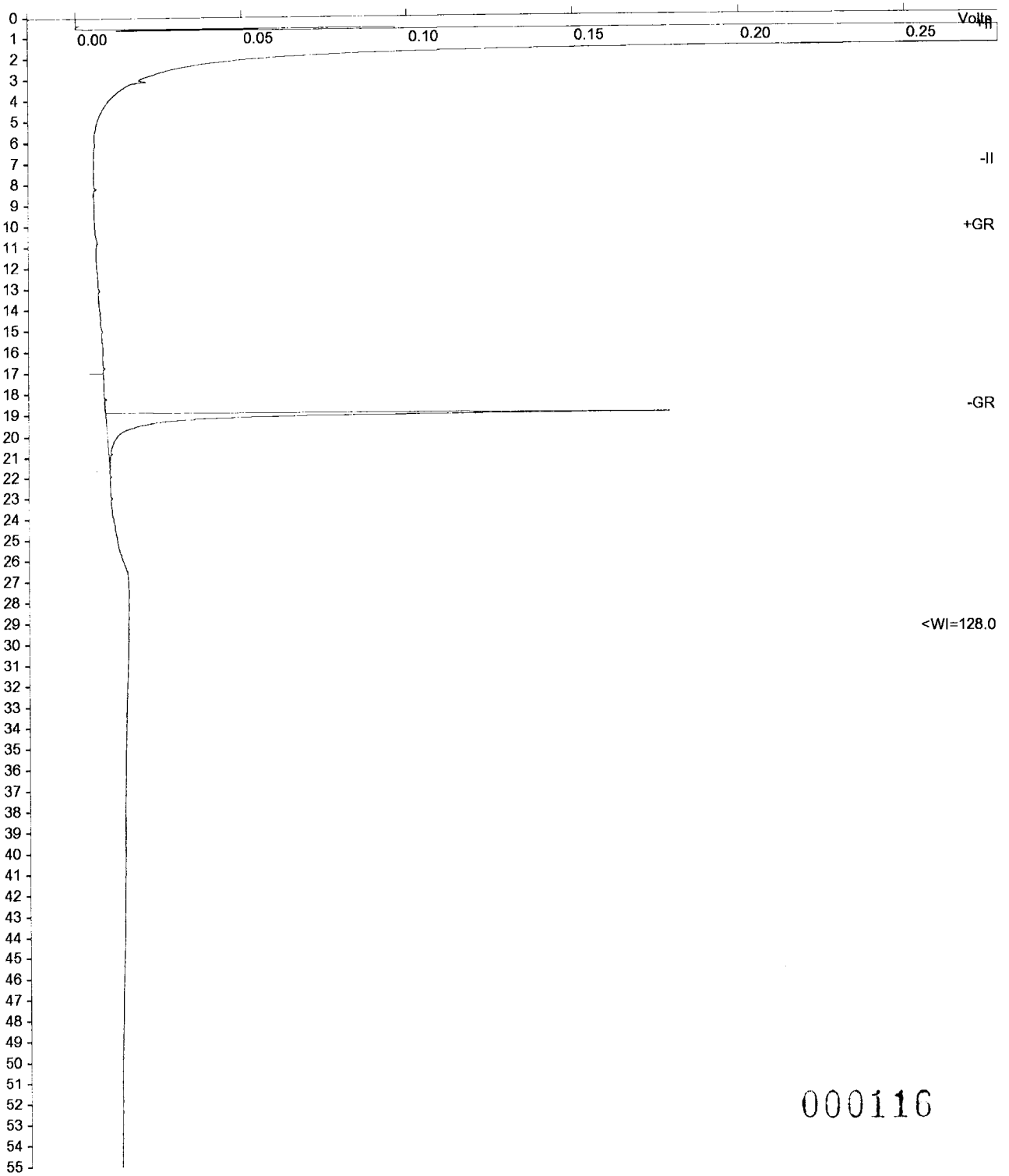
Injection Date: 11/23/02 8:19 AM Calculation Date: 11/23/02 9:14 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-568-10-10

Injection Date: 11/23/02 8:19 AM Calculation Date: 11/23/02 9:14 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1885201 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 69 microVolts

Noise (used): 215 microVolts - monitored before this run

Rack: 2 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1007.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-568-10-10

Injection Date: 11/23/02 8:19 AM Calculation Date: 11/25/02 9:09 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1885201 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 69 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 215 microVolts

Rack: 2 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-569-10-10

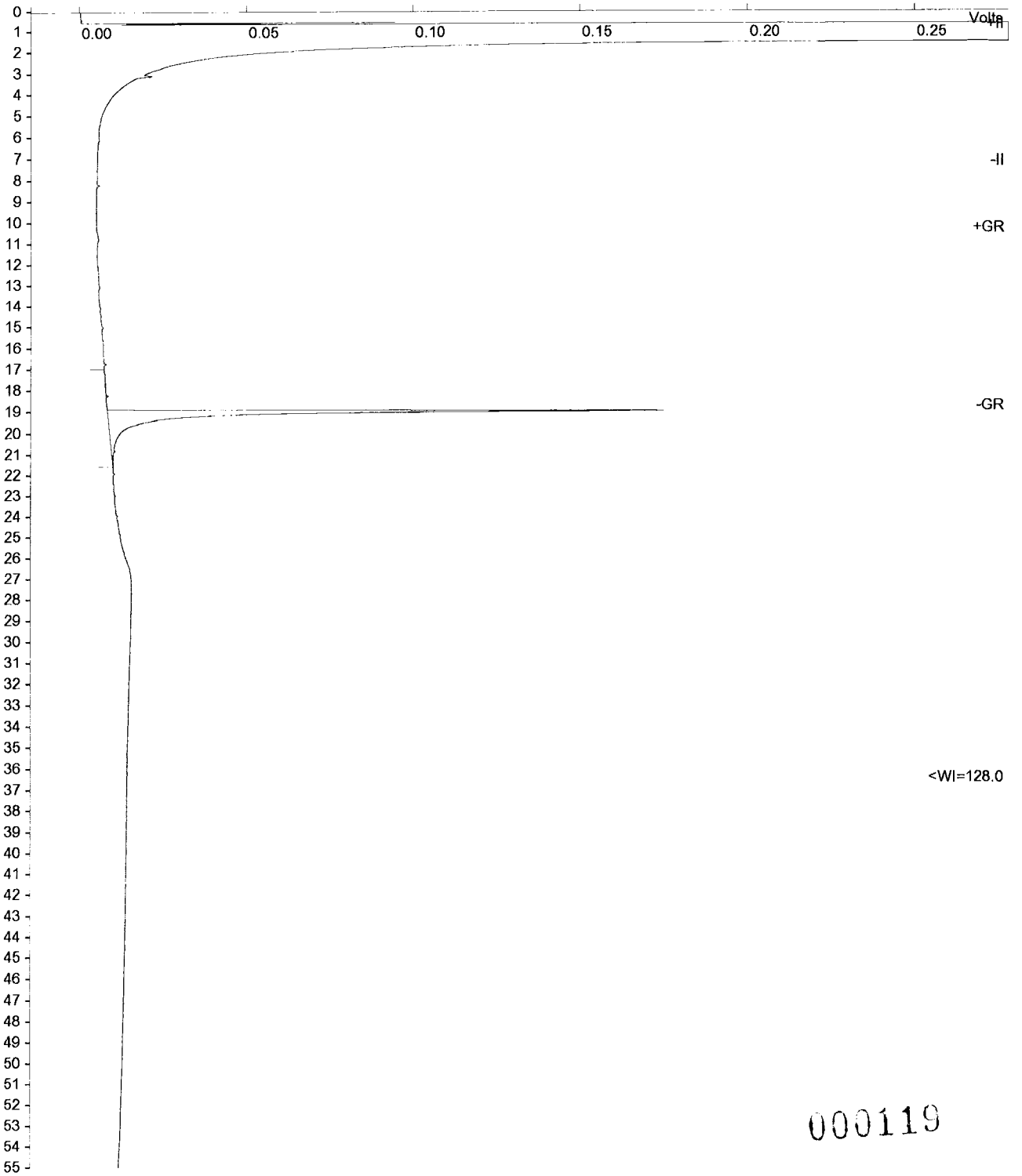
Injection Date: 11/23/02 9:26 AM Calculation Date: 11/23/02 10:21 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000119

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-569-10-10

Injection Date: 11/23/02 9:26 AM Calculation Date: 11/23/02 10:21 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1887778 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 265 microVolts

Noise (used): 197 microVolts - monitored before this run

Rack: 2 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

000120

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-569-10-10

Injection Date: 11/23/02 9:26 AM Calculation Date: 11/25/02 9:09 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1887778 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 265 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 197 microVolts

Rack: 2 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1009.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-570-10-10

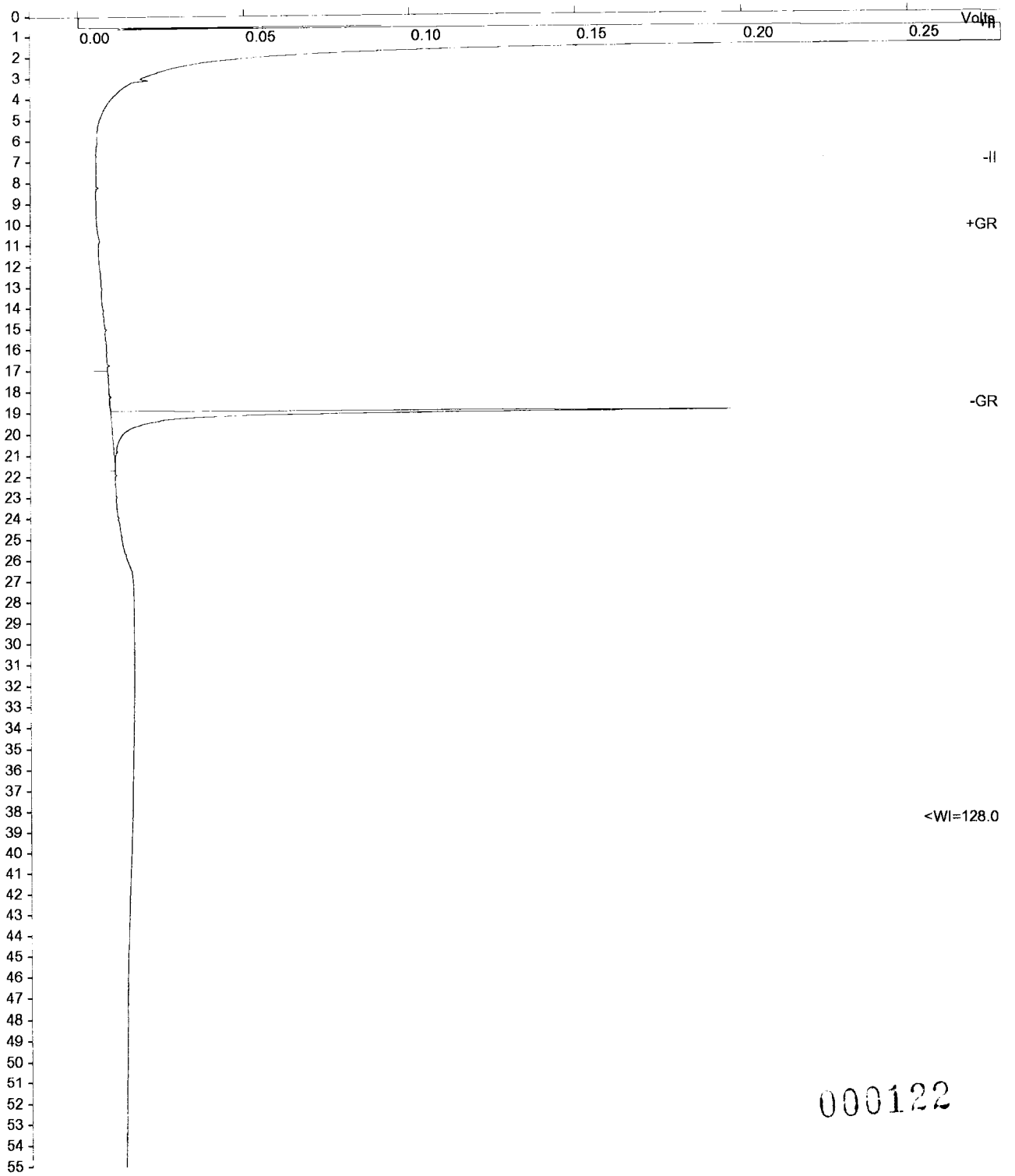
Injection Date: 11/23/02 10:34 AM Calculation Date: 11/23/02 11:29 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1009.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-570-10-10

Injection Date: 11/23/02 10:34 AM Calculation Date: 11/23/02 11:29 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2061335 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 169 microVolts

Noise (used): 183 microVolts - monitored before this run

Rack: 2 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-570-10-10

Injection Date: 11/23/02 10:34 AM Calculation Date: 11/25/02 9:09 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2061335 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 169 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 183 microVolts

Rack: 2 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-571-10-10

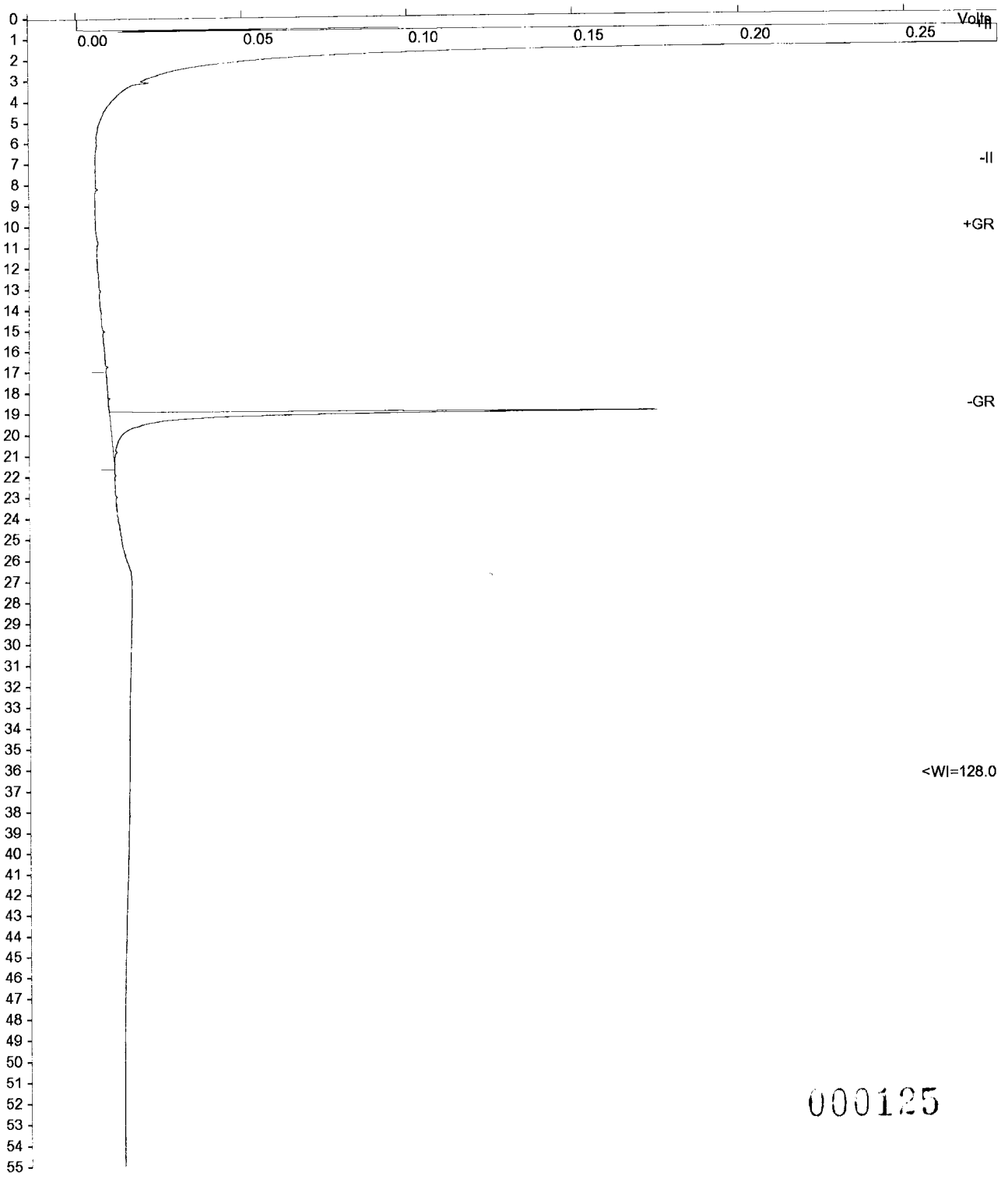
Injection Date: 11/23/02 11:42 AM Calculation Date: 11/23/02 12:37 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000125

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-571-10-10

Injection Date: 11/23/02 11:42 AM Calculation Date: 11/23/02 12:37 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1926958 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 322 microVolts

Noise (used): 177 microVolts - monitored before this run

Rack: 2 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1010.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102529-571-10-10

Injection Date: 11/23/02 11:42 AM Calculation Date: 11/25/02 9:09 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1926958 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 322 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 177 microVolts

Rack: 2 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-571-ms

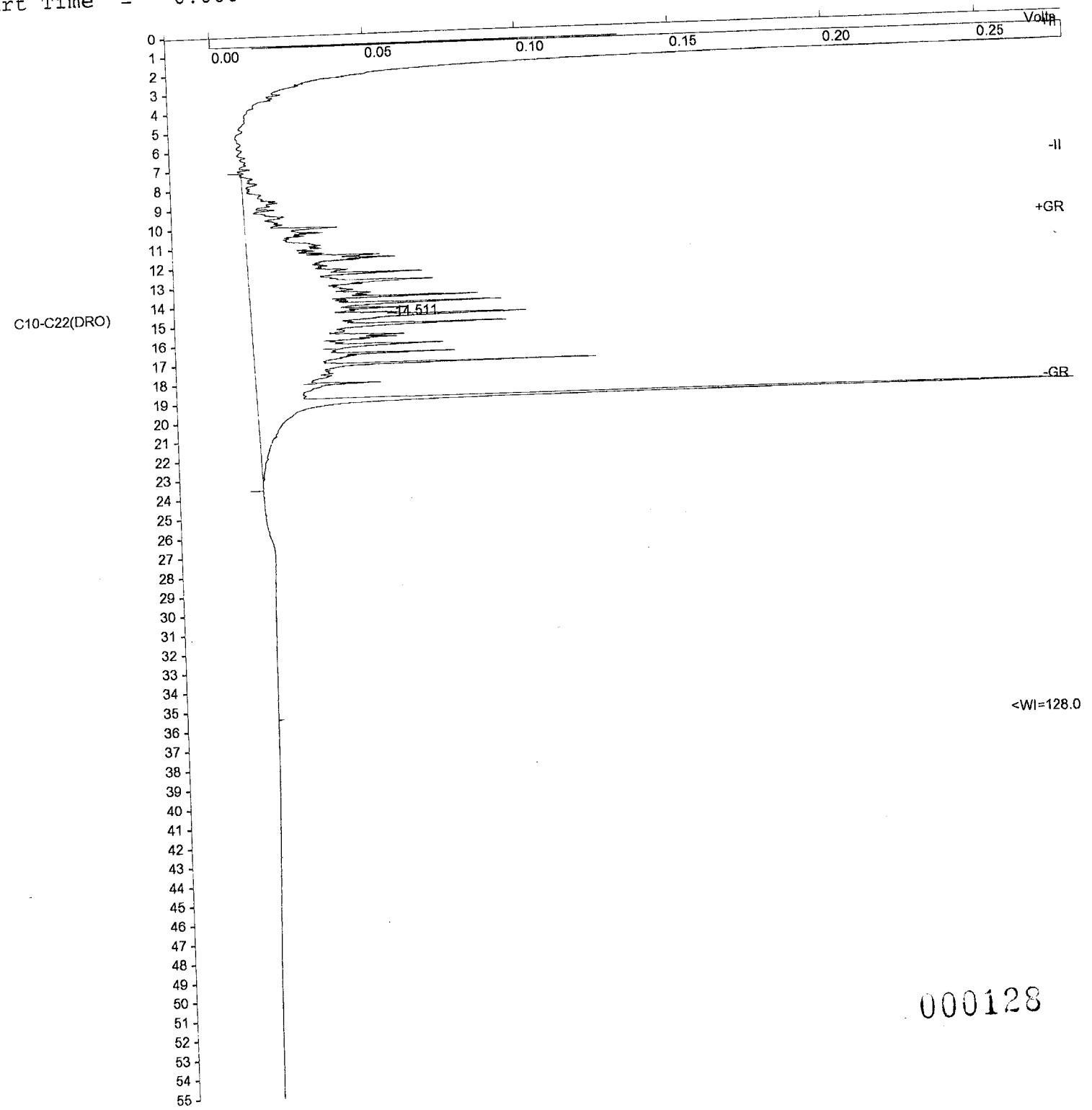
Injection Date: 11/23/02 12:49 PM Calculation Date: 11/23/02 1:44 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000128

Print Date: Sat Nov 23 13:45:05 2002

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102529-571-ms

Injection Date: 11/23/02 12:49 PM Calculation Date: 11/23/02 1:44 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	189.1501	14.511	0.000	16385360	GR	0.0	2	
	Group 2	189.1501		0.000	16385360				
	Totals:	189.1501		0.000	16385360				

Total Unidentified Counts : 4222086 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 80 microVolts

Noise (used): 170 microVolts - monitored before this run

Rack: 2 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Print Date: Mon Nov 25 08:43:52 2002

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1011.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : 102529-571-ms

Injection Date: 11/23/02 12:49 PM Calculation Date: 11/25/02 8:43 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	19.6011	18.868	0.032	2957305	VB	4.8	0	
	Group 0	19.6011		0.032	2957305				
	Totals:	19.6011		0.032	2957305				

Total Unidentified Counts : 63297596 counts

Detected Peaks: 26 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 80 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 170 microVolts

Rack: 2 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102529-571-msd

Injection Date: 11/23/02 1:58 PM

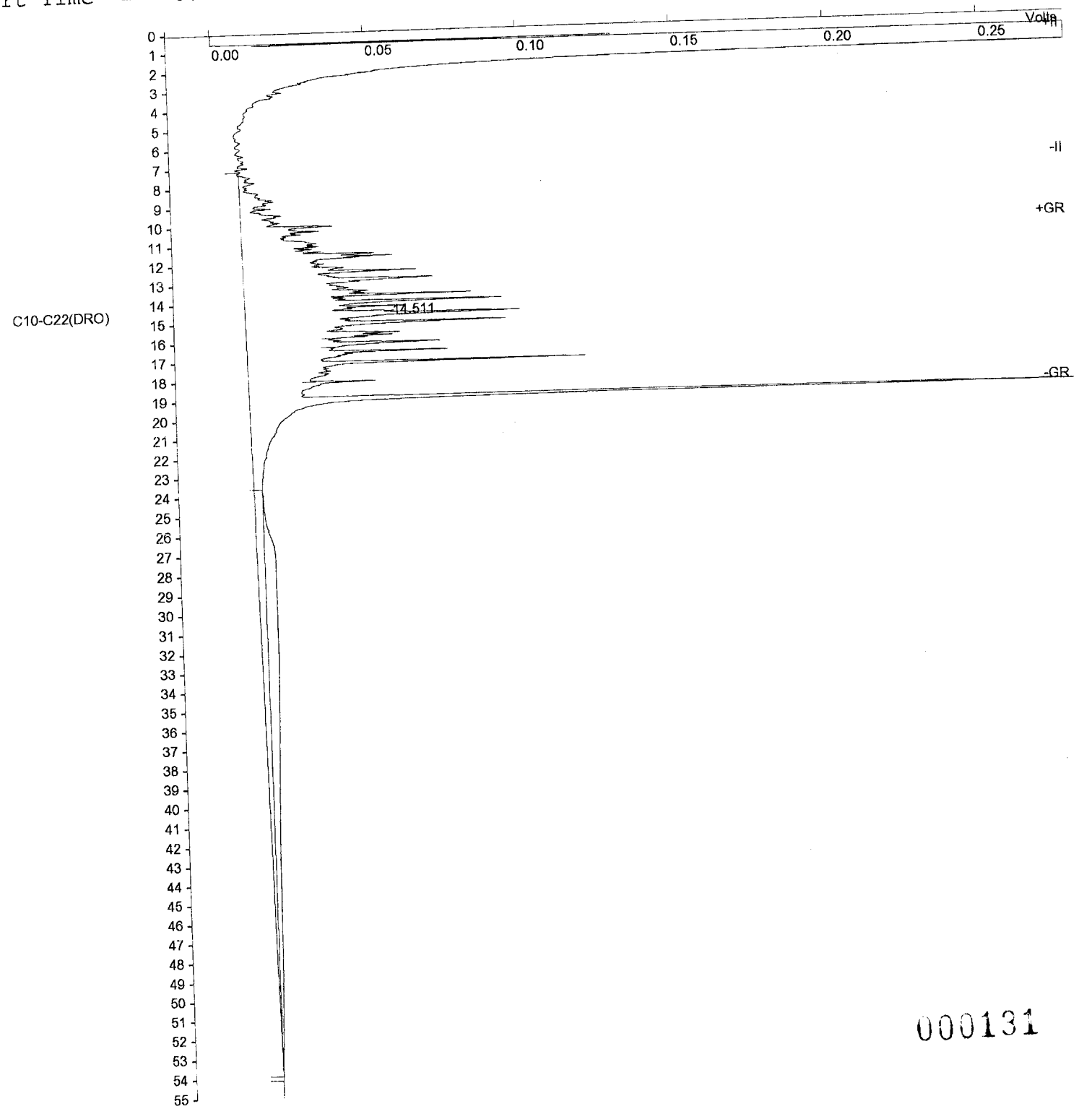
Calculation Date: 11/25/02 8:44 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000131

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102529-571-msd

Injection Date: 11/23/02 1:58 PM Calculation Date: 11/25/02 8:44 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	193.7806	14.511	0.000	16775694	GR	0.0	2	
	Group 2	193.7806		0.000	16775694				
	Totals:	193.7806		0.000	16775694				

Total Unidentified Counts : 11057990 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 165 microVolts

Noise (used): 202 microVolts - monitored before this run

Rack: 2 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-23-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : 102529-571-msd

Injection Date: 11/23/02 1:58 PM Calculation Date: 11/25/02 8:43 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	19.0810	18.869	0.033	2882586	VB	4.9	0	
	Group 0	19.0810		0.033	2882586				
	Totals:	19.0810		0.033	2882586				

Total Unidentified Counts : 63866860 counts

Detected Peaks: 26 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 165 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 202 microVolts

Rack: 2 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

ASSOCIATED LABORATORIES
8015 / 8021 PREP SHEET

BATCH ID: DSLS 11122/02

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SAMPLE AMOUNT	SURR. ADDED	SPIKE ADDED	INITIAL WT/VOL	FINAL VOLUME	DATE EXT.	COMMENT
BLANK 1122	3550	S	10.0g	100 ul	—	✓	10 ml	1122	
LCS 1122					500				
CCSD 1122					500	✓			RINCON
102580 - 810					—				↓
811					—				FOSTER W.
102529 - 561					—				
562					—	✓			
563					—				
564					—				
565					—				
566					—	✓			
567					—				
568					—				
569					—	✓			
570					—				
571					—				
MS 571					250	✓			
MSD 571	↓	↓	↓	↓	250		↓	↓	↓
			11122/02						

Solvent Manufacturer and Lot # Mycd 2# 023921

Surrogate Lot # g-W-138

Spike Lot # g-W-151

EPA 8270:

Data & QA/QC

Sequence Name: C:\HPCHEM\1\SEQUENCE\112702.S
Comment: data analyzed on the 27th of November 2002
Operator: dp
Data Path: C:\HPCHEM\1\DATA\NOV02\112702\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	112501	DFTPP525	50 ng of DFTPP Tune
2	Sample	4	112502	020401	80 ppm 8270 ccv
3	Sample	66	112526	020401	102640-086, dil 1:100
4	Sample	33	112503	020401	MB 102531
5	Sample	34	112504	020401	LCS 102531
6	Sample	35	112505	020401	102531-575
7	Sample	36	112506	020401	102531-576
8	Sample	37	112507	020401	102531-576, MS
9	Sample	38	112508	020401	102531-576, MSD
10	Sample	51	112509	020401	MB 102529
11	Sample	52	112510	020401	LCS 102529
12	Sample	53	112511	020401	102529-561
13	Sample	54	112512	020401	102529-561, MS
14	Sample	55	112513	020401	102529-561, MSD
15	Sample	1	112514	DFTPP525	50 ng of DFTPP Tune
16	Sample	4	112515	020401	80 ppm 8270 ccv
17	Sample	56	112516	020401	102529-562
18	Sample	57	112517	020401	102529-563
19	Sample	58	112518	020401	102529-564
20	Sample	59	112519	020401	102529-565
21	Sample	60	112520	020401	102529-566
22	Sample	61	112521	020401	102529-567
23	Sample	62	112522	020401	102529-568
24	Sample	63	112523	020401	102529-569
25	Sample	64	112524	020401	102529-570
26	Sample	65	112525	020401	102529-571
27	Sample	4	112527	020401	80 ppm 8270 ccv

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration

Non-Spiked Sample: 112509.D, MB 102529, method blank - soil samples

	Spike Sample	Spike Duplicate Sample
File ID :	112510.D	
Sample :	LCS 102529	
Acq Time:	29 Nov 2002 8:56 pm	

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	50	27		53			35	26-125
2-Chlorophenol	0.0	50	31		62			50	25-125
1,4-Dichlorobenzene	0.0	50	34		68			27	28-104
n-Nitroso-di-n-propy	0.2	50	37		74			38	41-126
1,2,4-Trichlorobenze	0.0	50	44		88			23	38-107
4-Chloro-3-methylphe	0.0	50	46		91			33	26-103
Acenaphthene	0.0	50	46		93			19	31-137
4-Nitrophenol	0.4	50	35		68			50	11-114
2,4-Dinitrotoluene	0.1	50	48		96			47	28- 89
Pentachlorophenol	0.1	50	16		31			47	17-109
Pyrene	0.0	50	63		125			36	35-142

- Fails Limit Check

103102.M Sat Nov 30 18:27:01 2002

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration

Non-Spiked Sample: 112517.D, 102529-563, soil sample

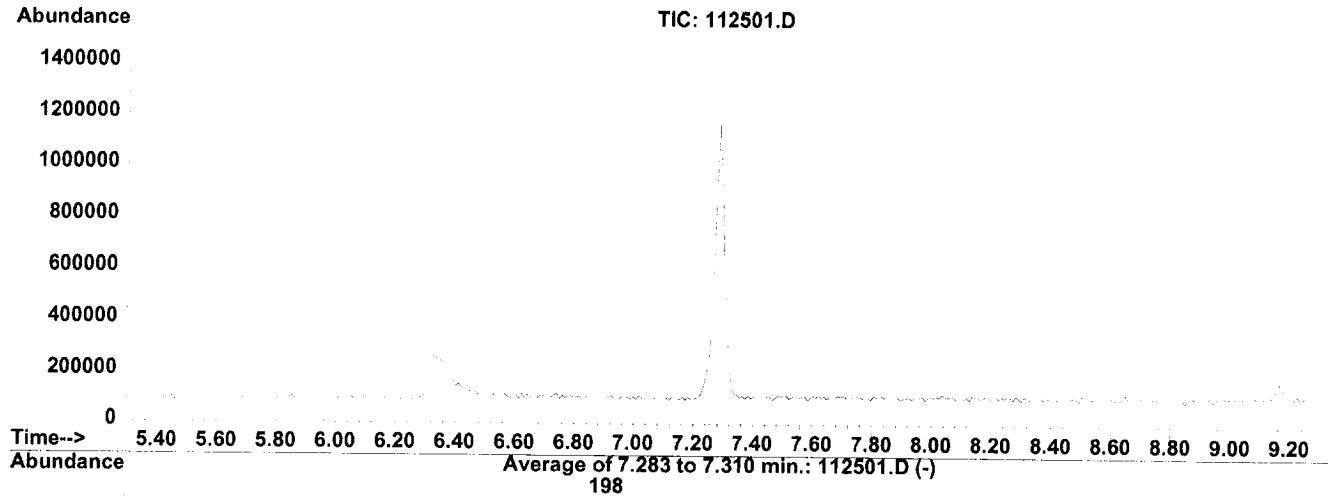
	Spike Sample	Spike Duplicate Sample
File ID :	112512.D	112513.D
Sample :	102529-563, MS	102529-563, MSD
Acq Time:	29 Nov 2002 10:22 pm	29 Nov 2002 11:06 pm

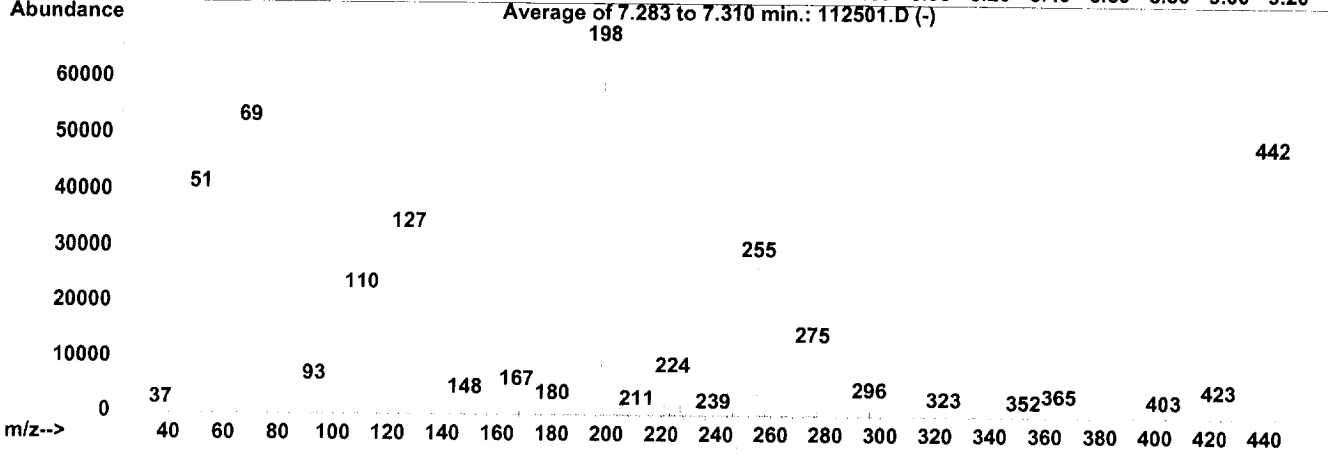
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.1	50	19	20	38	39	3	35	26-125
2-Chlorophenol	0.0	50	24	19	47	38	20	50	25-125
1,4-Dichlorobenzene	0.0	50	26	22	52	44	18	27	28-104
n-Nitroso-di-n-propy	0.3	50	32	28	64	56	14	38	41-126
1,2,4-Trichlorobenze	0.1	50	37	31	73	62	16	23	38-107
4-Chloro-3-methylphe	0.1	50	31	30	62	60	3	33	26-103
Acenaphthene	0.0	50	34	33	67	67	1	19	31-137
4-Nitrophenol	0.0	50	37	43	70	82	16	50	11-114
2,4-Dinitrotoluene	0.2	50	34	39	68	78	13	47	28- 89
Pentachlorophenol	0.4	50	18	19	34	38	9	47	17-109
Pyrene	0.4	50	44	46	87	92	6	36	35-142

- Fails Limit Check

103102.M Sat Nov 30 18:37:02 2002

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112501.D Vial: 1
Acq On : 29 Nov 2002 2:02 pm Operator: dp
Sample : 50 ng of DFTPP Tune Inst : GC/MS Ins
Misc : W# 02072506, Lot # B1100352-1A Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270





Spectrum Information: Average of 7.283 to 7.310 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	59.4	39561	PASS
68	69	0.00	2	1.8	949	PASS
69	198	0.00	100	77.1	51365	PASS
70	69	0.00	2	0.6	303	PASS
127	198	40	60	49.0	32626	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	66618	PASS
199	198	5	9	6.0	3978	PASS
275	198	10	30	18.6	12396	PASS
365	198	1	100	2.1	1427	PASS
441	443	0.01	100	79.6	6368	PASS
442	198	40	100	69.4	46213	PASS
443	442	17	23	17.3	7995	PASS

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration

Calibration Files
20 =103102.D 50 =103103.D 80 =103104.D
120 =103105.D 160 =103106.D

		Compound	20	50	80	120	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		Pyridine	0.839	0.375	0.651	0.706	1.117	0.738	36.75
3)	S	2-Fluorophenol	0.781	0.606	0.811	0.733	1.347	0.856	33.40
4)	S	Phenol-d5	1.299	1.222	1.153	1.037	1.762	1.295	21.52
5)	TMC	Phenol	1.302	1.273	1.212	1.097	1.842	1.345	21.45#
6)	T	Aniline	0.454	0.343	0.518	0.512	0.621	0.490	20.78
7)	T	bis(2-Chloroethyl)eth	1.280	1.346	1.192	1.064	1.745	1.325	19.38
8)	TM	2-Chlorophenol	1.057	0.946	0.875	0.810	1.379	1.014	22.10
9)	T	1,3-Dichlorobenzene	1.111	0.931	0.950	0.875	1.505	1.074	23.84
10)	TMC	1,4-Dichlorobenzene	1.180	1.069	1.030	0.938	1.653	1.174	23.98#
11)	T	Benzyl alcohol	0.655	0.710	0.575	0.523	0.892	0.671	21.29
12)	T	1,2-Dichlorobenzene	1.082	0.990	0.916	0.838	1.448	1.055	22.52
13)	T	2-Methylphenol	0.817	0.858	0.762	0.354	0.436	0.645	36.09
14)	T	bis(2-Chloroisopropyl	1.977	2.166	1.728	1.536	2.638	2.009	21.17
15)	T	4-Methylphenol	1.022	1.184	0.991	0.913	1.474	1.117	19.93
16)	T	3-Methylphenol	1.022	1.184	0.991	0.913	1.474	1.117	19.93
17)	TMP	n-Nitroso-di-n-propyl	0.491	0.548	0.419	0.366	0.583	0.481	18.65
18)	T	Hexachloroethane	0.540	0.483	0.468	0.424	0.741	0.531	23.42
19)	I	Naphthalene-d8	----------ISTD----------						
20)	S	Nitrobenzene-d5	0.527	0.497	0.544	0.546	0.548	0.533	4.00
21)	T	Nitrobenzene	0.258	0.258	0.277	0.275	0.283	0.270	4.19
22)	T	Isophorone	1.008	1.024	1.055	0.999	0.996	1.017	2.39
23)	TC	2-Nitrophenol	0.243	0.265	0.287	0.281	0.286	0.272	6.83#
24)	T	2,4-Dimethylphenol	0.177	0.214	0.310	0.309	0.317	0.265	24.51
25)	T	bis(2-Chloroethoxy)me	0.630	0.627	0.664	0.636	0.634	0.638	2.30
26)	T	Benzoic acid	0.173	0.253	0.247	0.256	0.255	0.237	15.15
27)	TC	2,4-Dichlorophenol	0.329	0.335	0.353	0.356	0.356	0.346	3.70#
28)	TM	1,2,4-Trichlorobenzen	0.368	0.344	0.383	0.376	0.395	0.373	5.08
29)	T	Naphthalene	1.282	1.214	1.308	1.279	1.316	1.280	3.13
30)	T	4-Chloroaniline	0.147	0.156	0.167	0.161	0.166	0.159	5.28
31)	TC	Hexachlorobutadiene	0.193	0.180	0.198	0.194	0.206	0.194	4.93#
32)	TMC	4-Chloro-3-methylphen	0.367	0.395	0.427	0.412	0.398	0.400	5.56#
33)	T	2-Methylnaphthalene	1.134	1.160	1.200	1.162	0.913	1.114	10.27
34)	I	Acenaphthene-d10	----------ISTD----------						
35)	TP	Hexachloropentadiene	0.036	0.050	0.066	0.077	0.076	0.061	28.89
36)	TC	2,4,6-Trichlorophenol	0.454	0.408	0.431	0.437	0.441	0.434	3.89#
37)	T	2,4,5-Trichlorophenol	0.441	0.437	0.449	0.462	0.474	0.453	3.41
38)	S	2-Fluorobiphenyl	1.686	1.462	1.508	1.568	1.597	1.564	5.50
39)	T	2-Chloronaphthalene	1.506	1.391	1.419	1.489	1.501	1.461	3.61
40)	T	2-Nitroaniline	0.534	0.565	0.592	0.625	0.615	0.586	6.36
41)	T	Dimethylphthalate	1.668	1.594	1.704	1.739	1.734	1.688	3.52

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration

Calibration Files
20 =103102.D 50 =103103.D 80 =103104.D
120 =103105.D 160 =103106.D

		Compound	20	50	80	120	160	Avg	%RSD
42)	T	2,6-Dinitrotoluene	0.360	0.395	0.414	0.427	0.431	0.405	7.19
43)	T	Acenaphthylene	2.226	2.018	2.108	2.211	2.263	2.165	4.63
44)	T	3-Nitroaniline	0.534	0.565	0.592	0.625	0.615	0.586	6.36
45)	TMC	Acenaphthene	1.353	1.256	1.318	1.332	1.362	1.324	3.17#
46)	TP	2,4-Dinitrophenol	0.146	0.097	0.095	0.126	0.144	0.122	20.25
47)	TMP	4-Nitrophenol	0.204	0.140	0.132	0.144	0.141	0.152	19.23
48)	TM	2,4-Dinitrotoluene	0.394	0.496	0.528	0.565	0.545	0.506	13.30
49)	T	Dibenzofuran	1.873	1.796	1.922	1.944	1.922	1.891	3.14
50)	T	Diethylphthalate	1.679	1.681	1.764	1.796	1.793	1.743	3.37
51)	T	4-Chlorophenyl phenyl	0.707	0.668	0.689	0.710	0.713	0.697	2.70
52)	T	Fluorene	1.501	1.436	1.531	1.566	1.548	1.516	3.35
53)	T	4-Nitroaniline	0.534	0.565	0.592	0.625	0.615	0.586	6.36
54)	S	2,4,6-Tribromophenol	0.171	0.180	0.181	0.193	0.188	0.183	4.61
55)	I	Phenanthrene-d10	----------ISTD----------						
56)	T	4,6-Dinitro-2-methylp	0.272	0.166	0.188	0.208	0.222	0.211	18.94
57)	TC	n-Nitrosodiphenylamin	0.604	0.479	0.540	0.528	0.603	0.551	9.72#
58)	T	Azobenzene	1.621	1.507	1.632	1.588	1.678	1.605	3.97
59)	T	4-Bromophenyl phenyl	0.264	0.252	0.270	0.264	0.277	0.265	3.55
60)	T	Hexachlorobenzene	0.291	0.268	0.294	0.282	0.303	0.288	4.66
61)	TMC	Pentachlorophenol	0.123	0.090	0.086	0.104	0.104	0.101	14.33#
62)	T	Anthracene	1.270	1.223	1.394	1.406	1.461	1.351	7.41
63)	T	Phenanthrene	1.337	1.283	1.375	1.366	1.401	1.352	3.34
64)	T	Di-n-butylphthalate	2.075	1.984	2.182	2.169	2.201	2.122	4.29
65)	TC	Fluoranthene	1.380	1.311	1.434	1.468	1.462	1.411	4.66#
66)	I	Chrysene-d12	----------ISTD----------						
67)	TM	Pyrene	1.950	1.837	1.920	1.911	1.994	1.922	2.99
68)	S	Terphenyl-d14	1.388	1.161	1.202	1.198	1.273	1.245	7.23
69)	T	Butylbenzylphthalate	1.227	1.206	1.257	1.257	1.309	1.251	3.09
70)	T	3,3'-Dichlorobenzidin	0.286	0.339	0.385	0.480	0.493	0.397	22.55
71)	T	bis(2-Ethylhexyl)phth	1.719	1.646	1.719	1.735	1.802	1.724	3.21
72)	T	Benzo(a)anthracene	1.550	1.492	1.602	1.594	1.629	1.573	3.43
73)	T	Chrysene	1.448	1.397	1.480	1.481	1.525	1.466	3.22
74)	I	Perylene-d12	----------ISTD----------						
75)	TC	Di-n-octylphthalate	2.722	2.732	2.866	2.755	2.852	2.785	2.46#
76)	T	Benzo(b)fluoranthrene	1.963	2.151	2.424	2.431	2.193	2.233	8.87
77)	T	Benzo(k)fluoranthrene	2.444	2.286	2.157	2.047	1.988	2.184	8.43
78)	TC	Benzo(a)pyrene	1.897	1.868	2.040	1.985	2.065	1.971	4.39#
79)	T	Indeno(1,2,3-cd)pyren	2.145	2.230	2.271	2.278	2.340	2.253	3.20
80)	T	Dibenzo(a,h)anthracen	1.673	1.809	1.829	1.833	1.891	1.807	4.47
81)	T	Benzo(g,h,i)perylene	1.748	1.862	1.901	1.915	1.948	1.875	4.12

(#) = Out of Range

000204

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112502.D Vial: 4
Acq On : 29 Nov 2002 2:26 pm Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:24 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	150	868663	40.00	ug/L	0.00
19) Naphthalene-d8	11.43	136	1604521	40.00	ug/L	0.00
34) Acenaphthene-d10	16.02	164	934115	40.00	ug/L	0.00
55) Phenanthrene-d10	19.75	188	1410865	40.00	ug/L	0.00
66) Chrysene-d12	26.52	240	916263	40.00	ug/L	0.00
74) Perylene-d12	29.90	264	563935	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.88	112	1204325	64.81	ug/L	0.00
Spiked Amount 100.000	Range 21 - 110		Recovery = 64.81%			
4) Phenol-d5	8.69	99	1823751	64.87	ug/L	0.00
Spiked Amount 100.000	Range 10 - 110		Recovery = 64.87%			
20) Nitrobenzene-d5	9.64	82	1769500	82.84	ug/L	0.00
Spiked Amount 50.000	Range 34 - 114		Recovery = 165.68%#			
38) 2-Fluorobiphenyl	14.39	172	2772396	75.90	ug/L	0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 151.80%#			
54) 2,4,6-Tribromophenol	18.19	330	336226	78.75	ug/L	0.00
Spiked Amount 100.000	Range 10 - 123		Recovery = 78.75%			
68) Terphenyl-d14	23.93	244	2482572	87.08	ug/L	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 174.16%#			
Target Compounds						Qvalue
2) Pyridine	2.16	79	313098	19.54	ug/L	100
5) Phenol	8.72	94	1949114	66.72	ug/L	94
6) Aniline	7.30	93	728939	68.55	ug/L	95
7) bis(2-Chloroethyl)ether	7.48	93	1706573	59.29	ug/L	95
8) 2-Chlorophenol	8.18	128	1452849	66.01	ug/L	99
9) 1,3-Dichlorobenzene	7.83	146	1627154	69.73	ug/L	99
10) 1,4-Dichlorobenzene	8.00	146	1722859	67.57	ug/L	99
11) Benzyl alcohol	8.80	108	840876	57.70	ug/L	97
12) 1,2-Dichlorobenzene	8.51	146	1598822	69.81	ug/L	100
13) 2-Methylphenol	9.88	108	1228162	87.62	ug/L	96
14) bis(2-Chloroisopropyl)ethe	9.00	45	3391318	77.72	ug/L	97
15) 4-Methylphenol	10.29	107	1611610	66.44	ug/L #	94
16) 3-Methylphenol	10.29	107	1611610	66.44	ug/L #	94
17) n-Nitroso-di-n-propylamine	9.40	70	741614	70.95	ug/L	99
18) Hexachloroethane	9.31	117	819701	71.03	ug/L	99
21) Nitrobenzene	9.68	123	822940	75.89	ug/L	98
22) Isophorone	10.36	82	3330521	81.68	ug/L	98
23) 2-Nitrophenol	10.56	139	891562	81.64	ug/L	98
24) 2,4-Dimethylphenol	11.34	122	913733	85.80	ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112502.D Vial: 4
Acq On : 29 Nov 2002 2:26 pm Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:24 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) bis(2-Chloroethoxy)methane	11.08	93	1864703	72.84 ug/L	99
26) Benzoic acid	12.21	105	131789	13.89 ug/L	90
27) 2,4-Dichlorophenol	11.92	162	1212023	87.37 ug/L	97
28) 1,2,4-Trichlorobenzene	11.36	180	1319103	88.14 ug/L	98
29) Naphthalene	11.48	128	3970072	77.32 ug/L	99
30) 4-Chloroaniline	11.48	127	482849	75.56 ug/L	95
31) Hexachlorobutadiene	12.04	225	727505	93.48 ug/L	99
32) 4-Chloro-3-methylphenol	14.00	107	1296052	80.82 ug/L	98
33) 2-Methylnaphthalene	13.32	142	2859342	64.01 ug/L	100
35) Hexachloropentadiene	13.93	237	140326	98.57 ug/L	95
36) 2,4,6-Trichlorophenol	14.47	196	821191	80.95 ug/L	98
37) 2,4,5-Trichlorophenol	15.18	196	833572	78.87 ug/L	94
39) 2-Chloronaphthalene	14.56	162	2501850	73.32 ug/L	99
40) 2-Nitroaniline	15.13	138	970260	70.90 ug/L	99
41) Dimethylphthalate	15.65	163	2875785	72.96 ug/L	100
42) 2,6-Dinitrotoluene	15.80	165	747637	78.97 ug/L	97
43) Acenaphthylene	15.62	152	3548464	70.18 ug/L	99
44) 3-Nitroaniline	15.13	138	970260	70.90 ug/L	99
45) Acenaphthene	16.11	154	2382373	77.04 ug/L	100
46) 2,4-Dinitrophenol	16.53	184	146109	51.46 ug/L	86
47) 4-Nitrophenol	18.23	109	226225	63.68 ug/L #	81
48) 2,4-Dinitrotoluene	16.81	165	947624	80.23 ug/L	98
49) Dibenzofuran	16.54	168	3633235	82.26 ug/L	99
50) Diethylphthalate	17.46	149	3053676	75.03 ug/L	99
51) 4-Chlorophenyl phenyl ethe	17.48	204	1321861	81.16 ug/L	98
52) Fluorene	17.41	166	2983793	84.26 ug/L	98
53) 4-Nitroaniline	15.13	138	970260	70.90 ug/L	98
56) 4,6-Dinitro-2-methylphenol	17.86	198	518646	69.65 ug/L #	62
57) n-Nitrosodiphenylamine	17.87	169	1112443	57.26 ug/L	97
58) Azobenzene	17.88	77	3989248	70.46 ug/L	96
59) 4-Bromophenyl phenyl ether	18.70	248	733484	78.38 ug/L	99
60) Hexachlorobenzene	19.02	284	770294	75.94 ug/L	97
61) Pentachlorophenol	19.77	266	110369	30.91 ug/L	94
62) Anthracene	19.93	178	3690439	77.46 ug/L	99
63) Phenanthrene	19.82	178	3731979	78.23 ug/L	99
64) Di-n-butylphthalate	21.60	149	5035185	67.27 ug/L	99
65) Fluoranthene	22.85	202	3692530	74.18 ug/L	99
67) Pyrene	23.39	202	3817211	86.69 ug/L	99
69) Butylbenzylphthalate	25.34	149	2090129	72.93 ug/L	96
70) 3,3'-Dichlorobenzidine	26.56	252	621541	68.42 ug/L	99
71) bis(2-Ethylhexyl)phthalate	26.92	149	2586914	65.50 ug/L	98

(#) = qualifier out of range (m) = manual integration

000206

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112502.D Vial: 4
Acq On : 29 Nov 2002 2:26 pm Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:24 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

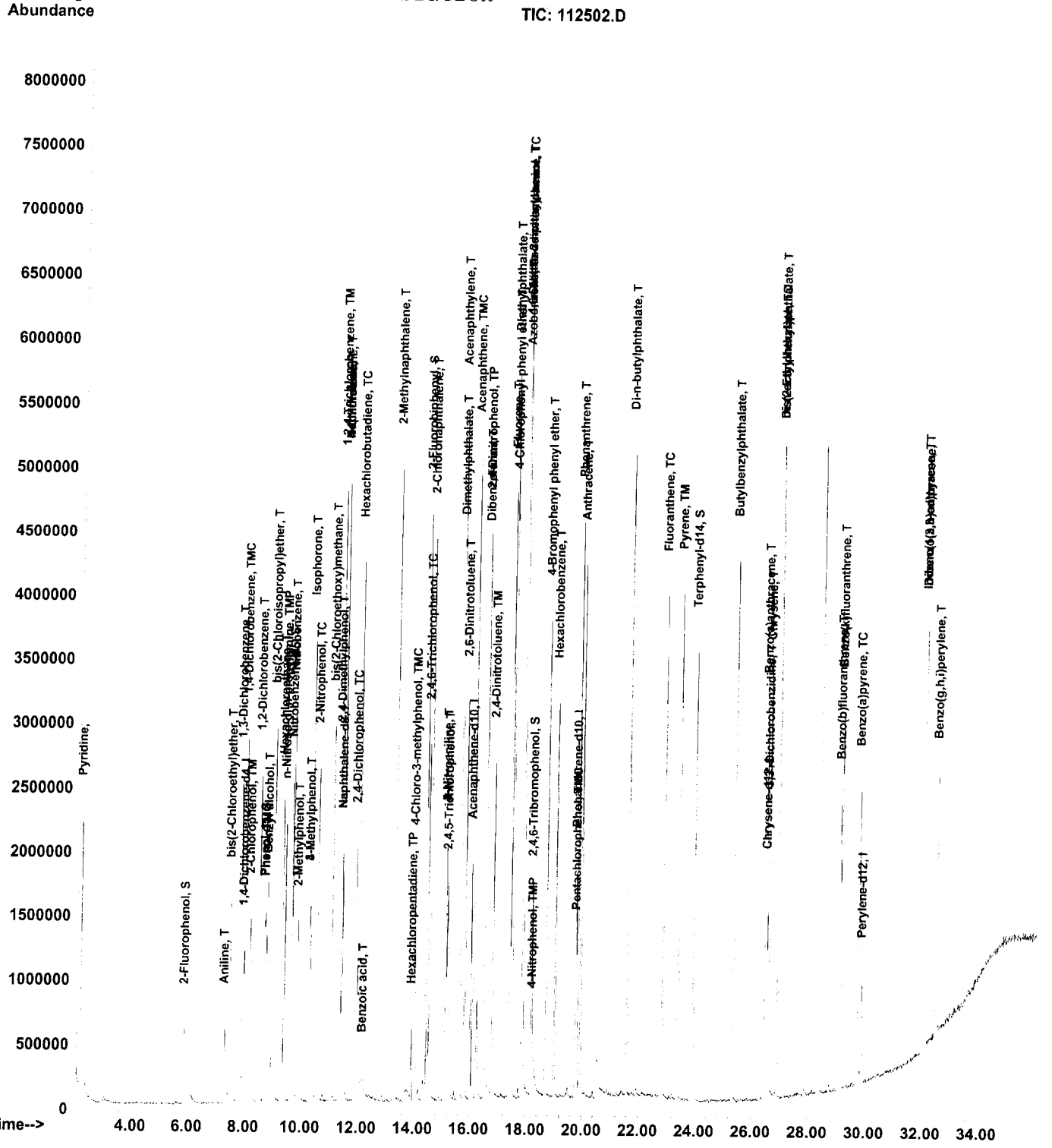
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Benzo(a)anthracene	26.48	228	2996298	83.13 ug/L	98
73) Chrysene	26.60	228	2723615	81.10 ug/L	99
75) Di-n-octylphthalate	26.92	149	2586914	65.88 ug/L	97
76) Benzo(b)fluoranthrene	29.09	252	2765711	87.86 ug/L	99
77) Benzo(k)fluoranthrene	29.15	252	2627681	85.33 ug/L	100
78) Benzo(a)pyrene	29.79	252	2402226	86.45 ug/L	99
79) Indeno(1,2,3-cd)pyrene	32.07	276	2676328	84.26 ug/L	98
80) Dibenzo(a,h)anthracene	32.08	278	2109186	82.79 ug/L	98
81) Benzo(g,h,i)perylene	32.53	276	2402088	90.87 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112502.D Vial: 4
Acq On : 29 Nov 2002 2:26 pm Operator: dp
Sample : 80 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02072503 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:24 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112509.D Vial: 51
Acq On : 29 Nov 2002 8:12 pm Operator: dp
Sample : MB 102529 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:28 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

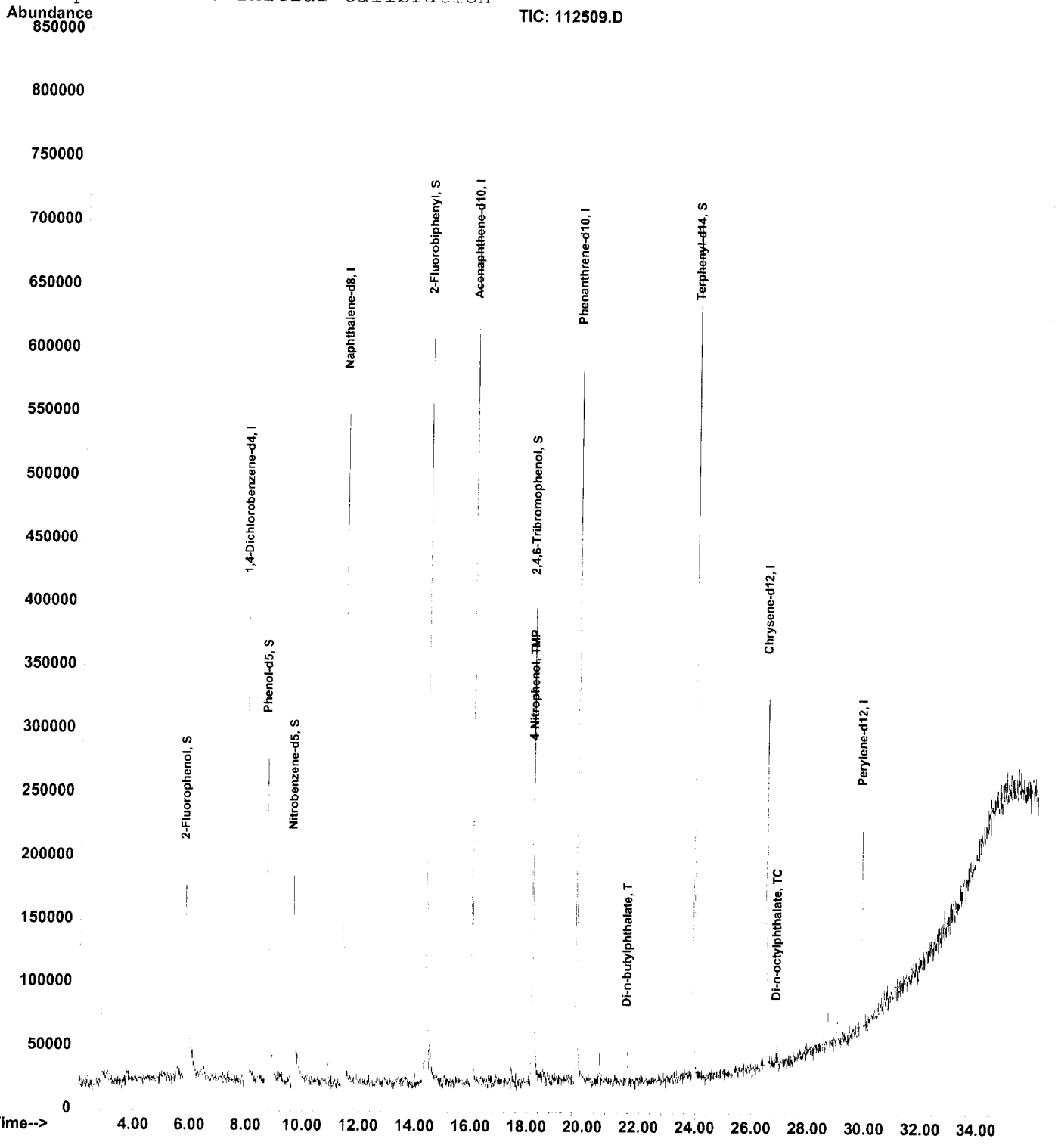
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	150	266539	40.00	ug/L	0.00
19) Naphthalene-d8	11.42	136	604506	40.00	ug/L	0.00
34) Acenaphthene-d10	16.01	164	355078	40.00	ug/L	0.00
55) Phenanthrene-d10	19.75	188	509956	40.00	ug/L	0.00
66) Chrysene-d12	26.50	240	257081	40.00	ug/L	-0.02
74) Perylene-d12	29.88	264	111554	40.00	ug/L	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.81	112	245067m	42.98	ug/L	-0.07
Spiked Amount 100.000	Range 25 - 121		Recovery = 42.98%			
4) Phenol-d5	8.68	99	402747	46.69	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 46.69%			
20) Nitrobenzene-d5	9.64	82	203385	25.27	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 50.54%			
38) 2-Fluorobiphenyl	14.39	172	421234	30.34	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 60.68%			
54) 2,4,6-Tribromophenol	18.18	330	89477	55.13	ug/L	-0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 55.13%			
68) Terphenyl-d14	23.92	244	438720	54.85	ug/L	-0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 109.70%			
Target Compounds						Qvalue
47) 4-Nitrophenol	18.19	109	1926	1.43	ug/L #	63
64) Di-n-butylphthalate	21.59	149	22594	0.84	ug/L #	85
75) Di-n-octylphthalate	26.91	149	5130	0.66	ug/L #	84

(#) = qualifier out of range (m) = manual integration
112509.D 103102.M Sat Nov 30 18:28:58 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112509.D Vial: 51
Acq On : 29 Nov 2002 8:12 pm Operator: dp
Sample : MB 102529 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:28 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



000210

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112510.D Vial: 52
Acq On : 29 Nov 2002 8:56 pm Operator: dp
Sample : LCS 102529 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:30 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	150	234730	40.00	ug/L	0.00
19) Naphthalene-d8	11.42	136	546830	40.00	ug/L	-0.01
34) Acenaphthene-d10	16.01	164	373570	40.00	ug/L	-0.01
55) Phenanthrene-d10	19.74	188	627714	40.00	ug/L	-0.01
66) Chrysene-d12	26.51	240	332770	40.00	ug/L	-0.01
74) Perylene-d12	29.89	264	158884	40.00	ug/L	-0.01
System Monitoring Compounds						
3) 2-Fluorophenol	5.79	112	221082m	44.03	ug/L	-0.09
Spiked Amount 100.000	Range 25 - 121		Recovery = 44.03%			
4) Phenol-d5	8.62	99	374644	49.32	ug/L	-0.07
Spiked Amount 100.000	Range 24 - 113		Recovery = 49.32%			
20) Nitrobenzene-d5	9.62	82	259590	35.66	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 71.32%			
38) 2-Fluorobiphenyl	14.38	172	607095	41.56	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 83.12%			
54) 2,4,6-Tribromophenol	18.17	330	179617	105.19	ug/L	-0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 105.19%			
68) Terphenyl-d14	23.92	244	683060	65.97	ug/L	-0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 131.94%			
Target Compounds						Qvalue
5) Phenol	8.67	94	210581	26.68	ug/L #	66
7) bis(2-Chloroethyl)ether	7.49	93	167075	21.48	ug/L	85
8) 2-Chlorophenol	8.14	128	183169	30.80	ug/L	98
9) 1,3-Dichlorobenzene	7.84	146	206406	32.74	ug/L	94
10) 1,4-Dichlorobenzene	8.00	146	235225	34.14	ug/L	97
12) 1,2-Dichlorobenzene	8.51	146	231008	37.33	ug/L	97
13) 2-Methylphenol	9.82	108	168770	44.56	ug/L #	91
14) bis(2-Chloroisopropyl)ethe	9.00	45	416619	35.34	ug/L	97
15) 4-Methylphenol	10.23	107	219501m	33.49	ug/L	
16) 3-Methylphenol	10.23	107	221099m	33.73	ug/L	
17) n-Nitroso-di-n-propylamine	9.39	70	105186	37.24	ug/L	98
18) Hexachloroethane	9.30	117	118002	37.84	ug/L	91
21) Nitrobenzene	9.67	123	110575	29.92	ug/L	87
22) Isophorone	10.35	82	402634	28.97	ug/L	97
23) 2-Nitrophenol	10.56	139	116079	31.19	ug/L #	86
24) 2,4-Dimethylphenol	11.32	122	122892	33.86	ug/L	93
25) bis(2-Chloroethoxy)methane	11.06	93	256485	29.40	ug/L	96
27) 2,4-Dichlorophenol	11.88	162	178200	37.69	ug/L	93
28) 1,2,4-Trichlorobenzene	11.35	180	223669	43.85	ug/L	99

(#) = qualifier out of range (m) = manual integration

000211

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112510.D Vial: 52
Acq On : 29 Nov 2002 8:56 pm Operator: dp
Sample : LCS 102529 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:30 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	11.47	128	633026	36.17 ug/L	99
30) 4-Chloroaniline	11.46	127	76468	35.11 ug/L	90
31) Hexachlorobutadiene	12.03	225	141730	53.44 ug/L	98
32) 4-Chloro-3-methylphenol	13.95	107	249884	45.72 ug/L	91
33) 2-Methylnaphthalene	13.31	142	493861	32.44 ug/L	95
35) Hexachloropentadiene	13.93	237	7203m	12.65 ug/L	
36) 2,4,6-Trichlorophenol	14.45	196	156322	38.53 ug/L	93
37) 2,4,5-Trichlorophenol	15.12	196	164806	38.99 ug/L	95
39) 2-Chloronaphthalene	14.55	162	540322	39.60 ug/L	98
40) 2-Nitroaniline	15.10	138	215740	39.42 ug/L	97
41) Dimethylphthalate	15.62	163	767291	48.68 ug/L	99
42) 2,6-Dinitrotoluene	15.78	165	190565	50.33 ug/L	99
43) Acenaphthylene	15.61	152	820525	40.58 ug/L	98
44) 3-Nitroaniline	15.10	138	215740	39.42 ug/L	97
45) Acenaphthene	16.09	154	574730	46.47 ug/L	94
46) 2,4-Dinitrophenol	16.58	184	41862m	36.87 ug/L	
47) 4-Nitrophenol	18.14	109	50265	35.38 ug/L	92
48) 2,4-Dinitrotoluene	16.80	165	228255	48.32 ug/L	91
49) Dibenzofuran	16.51	168	842048	47.67 ug/L	93
50) Diethylphthalate	17.44	149	854639	52.51 ug/L	98
51) 4-Chlorophenyl phenyl ethe	17.47	204	345562	53.06 ug/L	96
52) Fluorene	17.39	166	795187	56.15 ug/L	97
53) 4-Nitroaniline	15.10	138	215740	39.42 ug/L #	92
56) 4,6-Dinitro-2-methylphenol	17.83	198	111101	33.53 ug/L #	54
58) Azobenzene	17.86	77	947900	37.63 ug/L	97
59) 4-Bromophenyl phenyl ether	18.69	248	205018	49.24 ug/L	93
60) Hexachlorobenzene	19.00	284	216316	47.93 ug/L	90
61) Pentachlorophenol	19.74	266	25096m	15.80 ug/L	
62) Anthracene	19.92	178	908227	42.85 ug/L	99
63) Phenanthrene	19.80	178	1078082	50.80 ug/L	99
64) Di-n-butylphthalate	21.59	149	1407315	42.26 ug/L	99
65) Fluoranthene	22.84	202	1008664	45.55 ug/L #	90
67) Pyrene	23.38	202	1001278	62.61 ug/L	99
69) Butylbenzylphthalate	25.34	149	496511	47.70 ug/L	97
71) bis(2-Ethylhexyl)phthalate	26.91	149	556140	38.77 ug/L	99
72) Benzo(a)anthracene	26.47	228	656025	50.12 ug/L	99
73) Chrysene	26.56	228	609926	50.01 ug/L	99
75) Di-n-octylphthalate	26.91	149	556140	50.27 ug/L	97
76) Benzo(b)fluoranthrene	29.07	252	457773m	51.62 ug/L	
77) Benzo(k)fluoranthrene	29.12	252	445395m	51.33 ug/L	
78) Benzo(a)pyrene	29.77	252	394724m	50.42 ug/L	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112510.D Vial: 52
Acq On : 29 Nov 2002 8:56 pm Operator: dp
Sample : LCS 102529 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:30 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

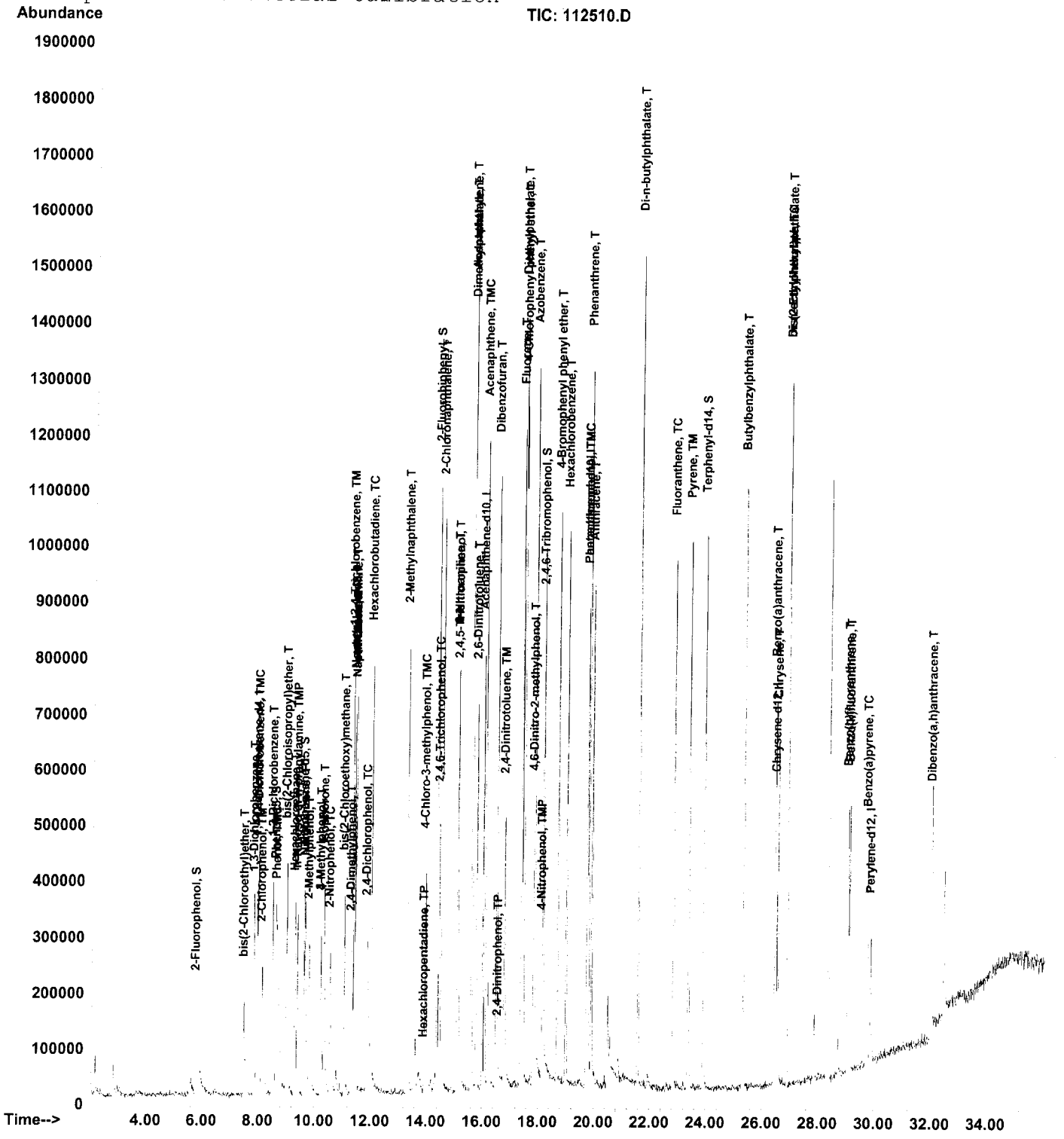
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
80) Dibenzo(a,h)anthracene	32.05	278	258484	36.01	ug/L	#	85

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112510.D Vial: 52
Acq On : 29 Nov 2002 8:56 pm Operator: dp
Sample : LCS 102529 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:30 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112511.D Vial: 53
Acq On : 29 Nov 2002 9:39 pm Operator: dp
Sample : 102529-561 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:46 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

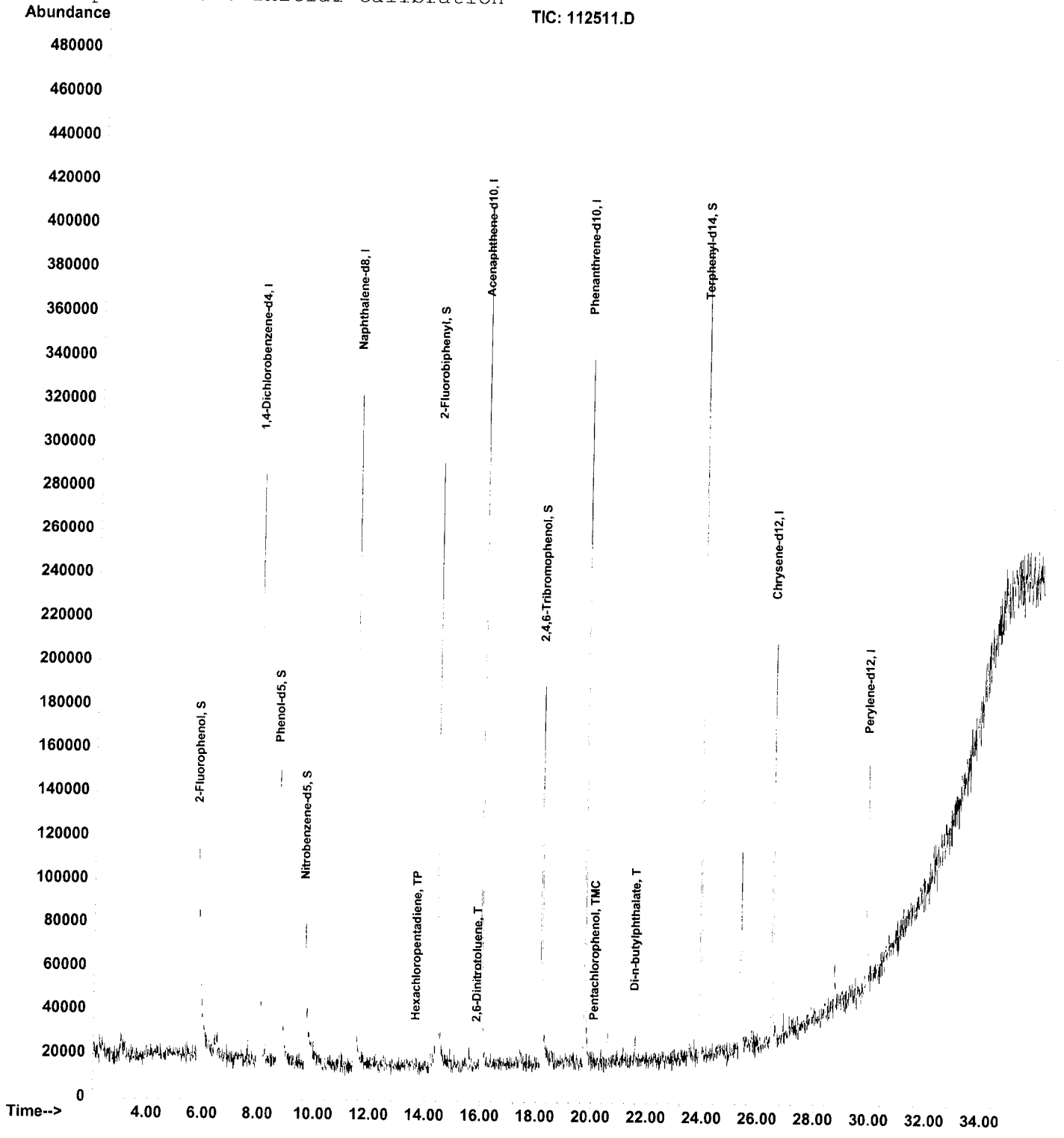
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	150	172304	40.00	ug/L	0.00
19) Naphthalene-d8	11.42	136	369700	40.00	ug/L	0.00
34) Acenaphthene-d10	16.01	164	192651	40.00	ug/L	0.00
55) Phenanthrene-d10	19.74	188	274051	40.00	ug/L	0.00
66) Chrysene-d12	26.51	240	161983m	40.00	ug/L	0.00
74) Perylene-d12	29.89	264	71021	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.79	112	107465	29.15	ug/L	-0.09
Spiked Amount 100.000	Range 25 - 121		Recovery = 29.15%			
4) Phenol-d5	8.67	99	170759	30.62	ug/L	-0.02
Spiked Amount 100.000	Range 24 - 113		Recovery = 30.62%			
20) Nitrobenzene-d5	9.66	82	93252	18.95	ug/L	0.03
Spiked Amount 50.000	Range 23 - 120		Recovery = 37.90%			
38) 2-Fluorobiphenyl	14.39	172	192354	25.53	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 51.06%			
54) 2,4,6-Tribromophenol	18.18	330	49332	56.02	ug/L	-0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 56.02%			
68) Terphenyl-d14	23.92	244	252107	50.02	ug/L	-0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 100.04%			
Target Compounds						Qvalue
35) Hexachloropentadiene	13.70	237	166	0.57	ug/L #	14
42) 2,6-Dinitrotoluene	15.90	165	1089	0.56	ug/L #	40
61) Pentachlorophenol	20.14	266	425	0.61	ug/L	82
64) Di-n-butylphthalate	21.59	149	9954	0.68	ug/L #	79

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112511.D Vial: 53
Acq On : 29 Nov 2002 9:39 pm Operator: dp
Sample : 102529-561 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:46 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



000216

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112512.D Vial: 54
Acq On : 29 Nov 2002 10:22 pm Operator: dp
Sample : 102529-563, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:35 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	11.46	128	468445	30.45 ug/L	98
30) 4-Chloroaniline	11.46	127	53876	28.14 ug/L	93
31) Hexachlorobutadiene	12.03	225	110307	47.31 ug/L	95
32) 4-Chloro-3-methylphenol	13.95	107	150226	31.27 ug/L #	87
33) 2-Methylnaphthalene	13.31	142	322604	24.10 ug/L	92
35) Hexachloropentadiene	13.92	237	574	1.27 ug/L #	55
36) 2,4,6-Trichlorophenol	14.44	196	109054	33.82 ug/L	94
37) 2,4,5-Trichlorophenol	15.10	196	110718	32.96 ug/L	93
39) 2-Chloronaphthalene	14.55	162	353643	32.61 ug/L	95
40) 2-Nitroaniline	15.11	138	127085	29.22 ug/L	97
41) Dimethylphthalate	15.63	163	492243	39.29 ug/L	100
42) 2,6-Dinitrotoluene	15.78	165	110205	36.62 ug/L	86
43) Acenaphthylene	15.61	152	525719	32.71 ug/L	98
44) 3-Nitroaniline	15.11	138	127085	29.22 ug/L	97
45) Acenaphthene	16.09	154	330207	33.59 ug/L	100
46) 2,4-Dinitrophenol	16.63	184	9578	10.61 ug/L	82
47) 4-Nitrophenol	18.12	109	41554m	36.80 ug/L	
48) 2,4-Dinitrotoluene	16.80	165	128944	34.35 ug/L	81
49) Dibenzofuran	16.52	168	492201	35.06 ug/L	89
50) Diethylphthalate	17.44	149	522238	40.37 ug/L	97
51) 4-Chlorophenyl phenyl ethe	17.48	204	204613	39.53 ug/L	95
52) Fluorene	17.39	166	429805	38.18 ug/L	98
53) 4-Nitroaniline	15.11	138	127085	29.22 ug/L #	94
56) 4,6-Dinitro-2-methylphenol	17.82	198	73867	36.22 ug/L #	71
58) Azobenzene	17.86	77	549259	35.43 ug/L	99
59) 4-Bromophenyl phenyl ether	18.68	248	109513	42.73 ug/L #	81
60) Hexachlorobenzene	19.00	284	117534	42.31 ug/L	92
61) Pentachlorophenol	19.73	266	17216m	17.61 ug/L	
62) Anthracene	19.91	178	444010	34.03 ug/L	98
63) Phenanthrene	19.80	178	518731	39.71 ug/L	98
64) Di-n-butylphthalate	21.58	149	826152	40.31 ug/L	97
65) Fluoranthene	22.83	202	558341	40.96 ug/L #	90
67) Pyrene	23.37	202	576385	44.00 ug/L	
69) Butylbenzylphthalate	25.34	149	352912	41.39 ug/L	
71) bis(2-Ethylhexyl)phthalate	26.90	149	431426	36.72 ug/L	
72) Benzo(a)anthracene	26.46	228	456035	42.53 ug/L	
73) Chrysene	26.56	228	433042	43.34 ug/L	
75) Di-n-octylphthalate	26.90	149	431426	38.84 ug/L	97
76) Benzo(b)fluoranthrene	29.11	252	362908	40.76 ug/L #	92
77) Benzo(k)fluoranthrene	29.11	252	363087	41.68 ug/L #	92
78) Benzo(a)pyrene	29.76	252	307610	39.14 ug/L #	89

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112512.D Vial: 54
Acq On : 29 Nov 2002 10:22 pm Operator: dp
Sample : 102529-563, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:35 19102 Quant Results File: 103102.RES

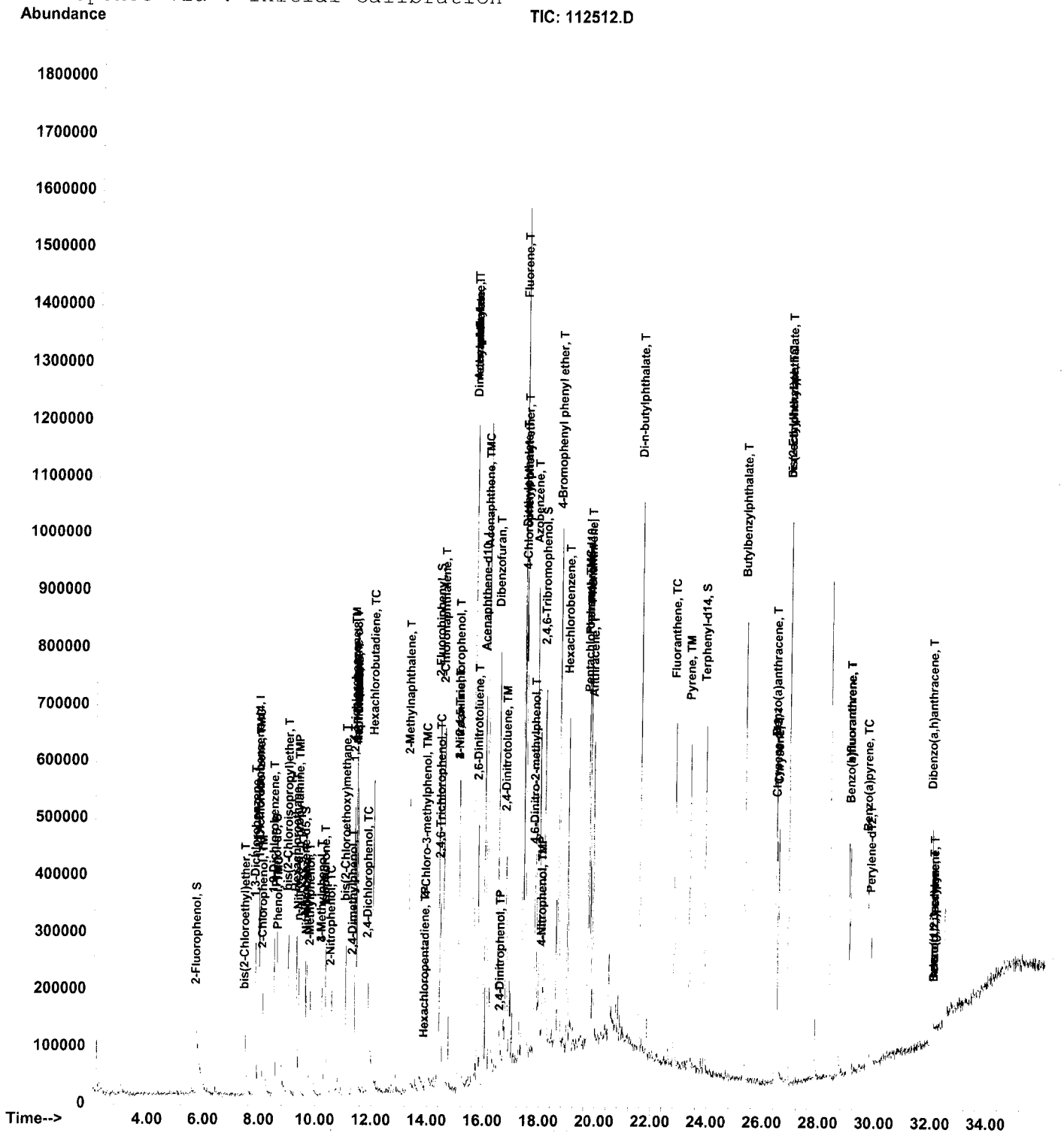
Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79) Indeno(1,2,3-cd)pyrene	32.15	276	4549	0.51 ug/L	84
80) Dibenzo(a,h)anthracene	32.05	278	212323	29.47 ug/L #	84
81) Benzo(g,h,i)perylene	32.15	276	4549	0.61 ug/L	92

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112512.D Vial: 54
Acq On : 29 Nov 2002 10:22 pm Operator: dp
Sample : 102529-563, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:35 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112513.D Vial: 55
Acq On : 29 Nov 2002 11:06 pm Operator: dp
Sample : 102529-563, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:36 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	150	189462	40.00	ug/L	-0.01
19) Naphthalene-d8	11.42	136	456759	40.00	ug/L	-0.01
34) Acenaphthene-d10	16.01	164	285227	40.00	ug/L	-0.01
55) Phenanthrene-d10	19.74	188	386575	40.00	ug/L	-0.01
66) Chrysene-d12	26.49	240	287673	40.00	ug/L	-0.02
74) Perylene-d12	29.88	264	174406	40.00	ug/L	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.78	112	112513m	27.76	ug/L	-0.10
Spiked Amount 100.000	Range 25 - 121		Recovery = 27.76%			
4) Phenol-d5	8.61	99	204576	33.36	ug/L	-0.08
Spiked Amount 100.000	Range 24 - 113		Recovery = 33.36%			
20) Nitrobenzene-d5	9.63	82	146237	24.05	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 48.10%			
38) 2-Fluorobiphenyl	14.38	172	320771	28.76	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 57.52%			
54) 2,4,6-Tribromophenol	18.16	330	100016	76.72	ug/L	-0.03
Spiked Amount 100.000	Range 17 - 122		Recovery = 76.72%			
68) Terphenyl-d14	23.91	244	445140	49.73	ug/L	-0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 99.46%			
Target Compounds						Qvalue
5) Phenol	8.66	94	124385m	19.52	ug/L	
7) bis(2-Chloroethyl)ether	7.49	93	85687	13.65	ug/L	86
8) 2-Chlorophenol	8.12	128	92386	19.24	ug/L	89
9) 1,3-Dichlorobenzene	7.83	146	116315	22.85	ug/L	94
10) 1,4-Dichlorobenzene	7.99	146	121805	21.90	ug/L	96
12) 1,2-Dichlorobenzene	8.51	146	118458	23.71	ug/L	95
13) 2-Methylphenol	9.80	108	79383	25.97	ug/L #	80
14) bis(2-Chloroisopropyl)ethe	9.00	45	219090	23.02	ug/L	94
15) 4-Methylphenol	10.33	107	17169	3.25	ug/L #	34
16) 3-Methylphenol	10.33	107	17169	3.25	ug/L #	34
17) n-Nitroso-di-n-propylamine	9.39	70	63918	28.04	ug/L	95
18) Hexachloroethane	9.31	117	67145	26.68	ug/L	94
21) Nitrobenzene	9.68	123	54441	17.64	ug/L	72
22) Isophorone	10.33	82	215376	18.55	ug/L	94
23) 2-Nitrophenol	10.56	139	60880	19.58	ug/L #	61
24) 2,4-Dimethylphenol	11.36	122	15147	5.00	ug/L #	1
25) bis(2-Chloroethoxy)methane	11.06	93	129732	17.80	ug/L	98
27) 2,4-Dichlorophenol	11.88	162	100586	25.47	ug/L	96
28) 1,2,4-Trichlorobenzene	11.35	180	132685	31.15	ug/L	97

(#) = qualifier out of range (m) = manual integration
112513.D 103102.M Sat Nov 30 18:38:41 2002

000220

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112513.D Vial: 55
Acq On : 29 Nov 2002 11:06 pm Operator: dp
Sample : 102529-563, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:36 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	11.46	128	373942	25.58 ug/L	98
30) 4-Chloroaniline	11.46	127	42920	23.60 ug/L	99
31) Hexachlorobutadiene	12.03	225	89254	40.29 ug/L	97
32) 4-Chloro-3-methylphenol	13.94	107	138009	30.23 ug/L	87
33) 2-Methylnaphthalene	13.31	142	262467	20.64 ug/L	93
36) 2,4,6-Trichlorophenol	14.44	196	88427	28.55 ug/L	97
37) 2,4,5-Trichlorophenol	15.09	196	94827	29.38 ug/L	99
39) 2-Chloronaphthalene	14.55	162	303517	29.13 ug/L	99
40) 2-Nitroaniline	15.10	138	105849	25.33 ug/L	88
41) Dimethylphthalate	15.62	163	459357	38.17 ug/L	98
42) 2,6-Dinitrotoluene	15.78	165	101335	35.05 ug/L #	85
43) Acenaphthylene	15.61	152	444443	28.79 ug/L	99
44) 3-Nitroaniline	15.10	138	105849	25.33 ug/L	88
45) Acenaphthene	16.09	154	314809	33.34 ug/L	94
46) 2,4-Dinitrophenol	16.59	184	9161	10.57 ug/L	96
47) 4-Nitrophenol	18.10	109	46496m	42.86 ug/L	
48) 2,4-Dinitrotoluene	16.78	165	140742	39.03 ug/L	85
49) Dibenzofuran	16.51	168	450260	33.38 ug/L	88
50) Diethylphthalate	17.44	149	539846	43.44 ug/L	96
51) 4-Chlorophenyl phenyl ethe	17.47	204	182413	36.68 ug/L	90
52) Fluorene	17.38	166	395019	36.53 ug/L	97
53) 4-Nitroaniline	15.10	138	105849	25.33 ug/L #	86
56) 4,6-Dinitro-2-methylphenol	17.82	198	80310	39.36 ug/L #	63
58) Azobenzene	17.86	77	545481	35.16 ug/L	97
59) 4-Bromophenyl phenyl ether	18.68	248	109747	42.80 ug/L	83
60) Hexachlorobenzene	18.99	284	130862	47.08 ug/L	91
61) Pentachlorophenol	19.73	266	18864m	19.28 ug/L	
62) Anthracene	19.91	178	484043	37.08 ug/L	99
63) Phenanthrene	19.80	178	578229	44.24 ug/L	97
64) Di-n-butylphthalate	21.58	149	936509	45.66 ug/L	98
65) Fluoranthene	22.83	202	638547	46.82 ug/L #	89
67) Pyrene	23.37	202	642823	46.50 ug/L	98
69) Butylbenzylphthalate	25.33	149	394524	43.84 ug/L	99
71) bis(2-Ethylhexyl)phthalate	26.90	149	498154	40.18 ug/L	95
72) Benzo(a)anthracene	26.46	228	527460	46.61 ug/L	98
73) Chrysene	26.56	228	496113	47.05 ug/L	99
75) Di-n-octylphthalate	26.90	149	498154	41.02 ug/L	96
76) Benzo(b)fluoranthrene	29.11	252	424280	43.58 ug/L #	89
77) Benzo(k)fluoranthrene	29.11	252	425130	44.64 ug/L #	88
78) Benzo(a)pyrene	29.75	252	342526	39.86 ug/L #	92
79) Indeno(1,2,3-cd)pyrene	32.03	276	287276	29.25 ug/L #	78

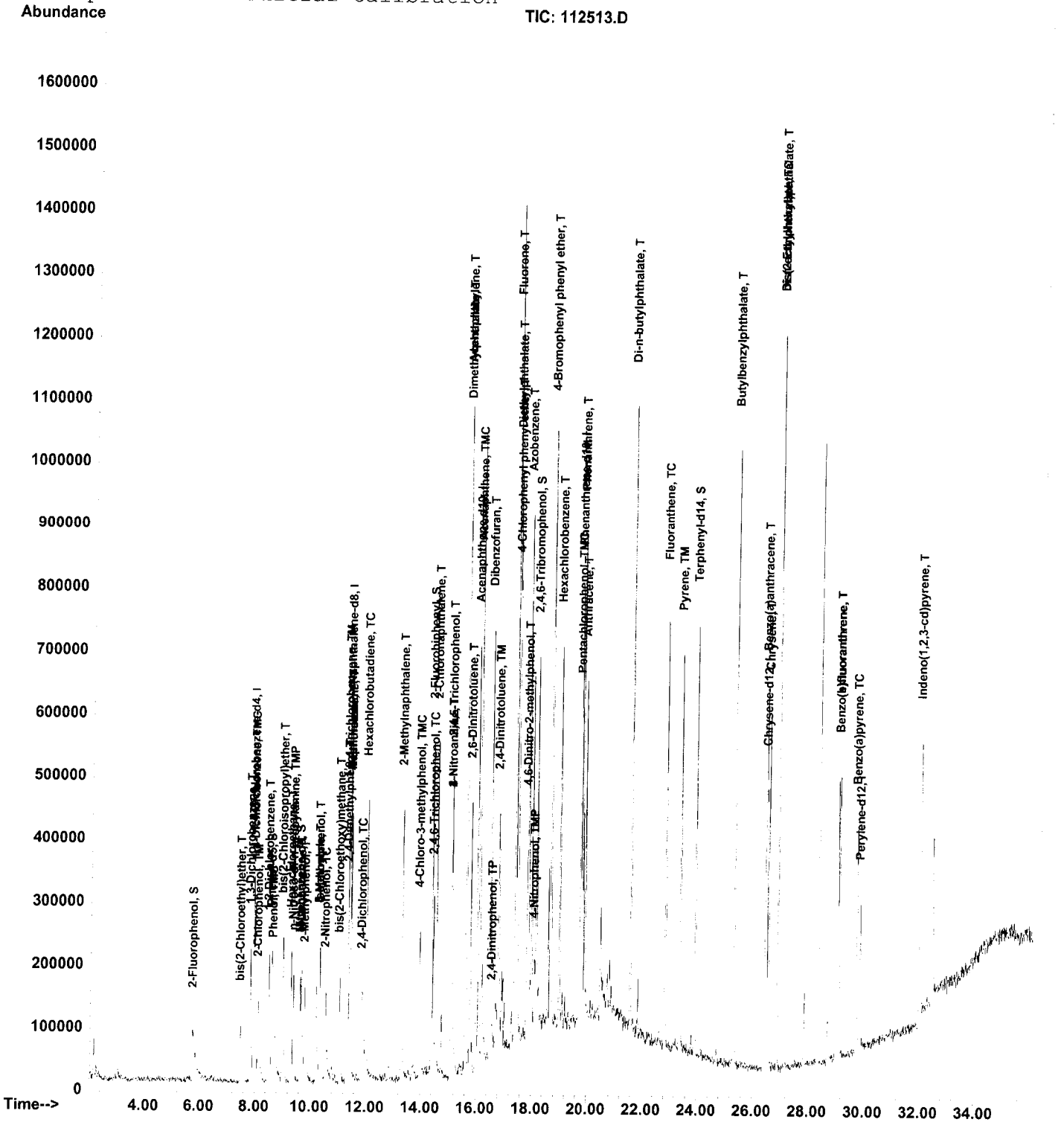
(#) = qualifier out of range (m) = manual integration

000221

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112513.D Vial: 55
Acq On : 29 Nov 2002 11:06 pm Operator: dp
Sample : 102529-563, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:36 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112516.D Vial: 56
Acq On : 30 Nov 2002 12:54 am Operator: dp
Sample : 102529-562 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:47 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

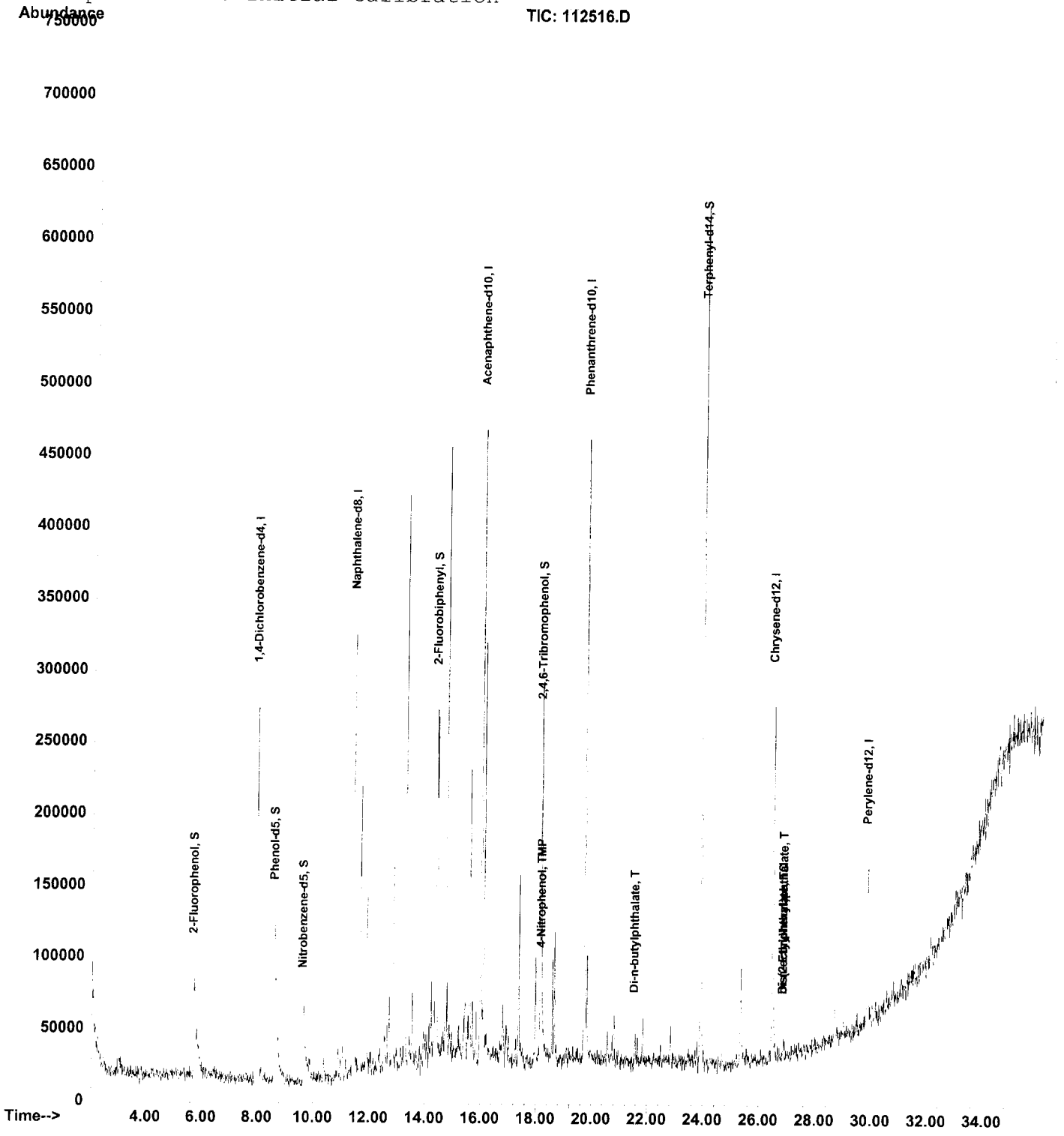
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	150	144934	40.00	ug/L	0.00
19) Naphthalene-d8	11.42	136	328756	40.00	ug/L	0.00
34) Acenaphthene-d10	16.01	164	215110	40.00	ug/L	0.00
55) Phenanthrene-d10	19.73	188	346568	40.00	ug/L	-0.02
66) Chrysene-d12	26.49	240	211138m	40.00	ug/L	-0.03
74) Perylene-d12	29.87	264	80988	40.00	ug/L	-0.03
System Monitoring Compounds						
3) 2-Fluorophenol	5.72	112	96072m	30.99	ug/L	-0.16
Spiked Amount 100.000	Range 25 - 121		Recovery = 30.99%			
4) Phenol-d5	8.61	99	127931	27.27	ug/L	-0.08
Spiked Amount 100.000	Range 24 - 113		Recovery = 27.27%			
20) Nitrobenzene-d5	9.65	82	65325	14.93	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 29.86%			
38) 2-Fluorobiphenyl	14.38	172	156644	18.62	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 37.24%			
54) 2,4,6-Tribromophenol	18.16	330	59961	60.98	ug/L	-0.03
Spiked Amount 100.000	Range 17 - 122		Recovery = 60.98%			
68) Terphenyl-d14	23.91	244	414755	63.14	ug/L	-0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 126.28%			
Target Compounds						Qvalue
47) 4-Nitrophenol	18.21	109	963	1.18	ug/L #	72
64) Di-n-butylphthalate	21.57	149	15772	0.86	ug/L #	85
71) bis(2-Ethylhexyl)phthalate	26.89	149	5680	0.62	ug/L #	
75) Di-n-octylphthalate	26.89	149	5680	1.01	ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112516.D Vial: 56
Acq On : 30 Nov 2002 12:54 am Operator: dp
Sample : 102529-562 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:47 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112517.D Vial: 57
Acq On : 30 Nov 2002 1:37 am Operator: dp
Sample : 102529-563 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:34 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	150	112634	40.00	ug/L	0.00
19) Naphthalene-d8	11.42	136	226362	40.00	ug/L	0.00
34) Acenaphthene-d10	16.00	164	132913	40.00	ug/L	-0.02
55) Phenanthrene-d10	19.73	188	230251	40.00	ug/L	-0.02
66) Chrysene-d12	26.49	240	176975	40.00	ug/L	-0.03
74) Perylene-d12	29.87	264	88771	40.00	ug/L	-0.03
System Monitoring Compounds						
3) 2-Fluorophenol	5.71	112	93511m	38.81	ug/L	-0.17
Spiked Amount 100.000	Range 25 - 121		Recovery = 38.81%			
4) Phenol-d5	8.61	99	111604	30.62	ug/L	-0.08
Spiked Amount 100.000	Range 24 - 113		Recovery = 30.62%			
20) Nitrobenzene-d5	9.67	82	61354	20.36	ug/L	0.04
Spiked Amount 50.000	Range 23 - 120		Recovery = 40.72%			
38) 2-Fluorobiphenyl	14.39	172	119717	23.03	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.06%			
54) 2,4,6-Tribromophenol	18.15	330	40293	66.32	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 66.32%			
68) Terphenyl-d14	23.90	244	305133	55.42	ug/L	-0.03
Spiked Amount 50.000	Range 18 - 137		Recovery = 110.84%			

Target Compounds						Qvalue
35) Hexachloropentadiene	13.95	237	122	0.60	ug/L #	1
46) 2,4-Dinitrophenol	16.45	184	212	0.52	ug/L #	1
47) 4-Nitrophenol	18.29	109	986	1.95	ug/L #	41
64) Di-n-butylphthalate	21.58	149	14740	1.21	ug/L #	92
69) Butylbenzylphthalate	25.34	149	11134	2.01	ug/L	97
71) bis(2-Ethylhexyl)phthalate	26.89	149	18497	2.42	ug/L #	93
72) Benzo(a)anthracene	26.54	228	17104	2.46	ug/L	98
73) Chrysene	26.54	228	17104	2.64	ug/L	95
75) Di-n-octylphthalate	26.89	149	18497	2.99	ug/L	94
76) Benzo(b)fluoranthrene	29.14	252	10953	2.21	ug/L #	45
77) Benzo(k)fluoranthrene	29.14	252	10953	2.26	ug/L #	45
78) Benzo(a)pyrene	29.77	252	6229	1.42	ug/L	88
79) Indeno(1,2,3-cd)pyrene	32.07	276	3704	0.74	ug/L #	49
80) Dibenzo(a,h)anthracene	32.07	278	4316	1.08	ug/L #	74
81) Benzo(g,h,i)perylene	32.53	276	4960	1.19	ug/L #	78

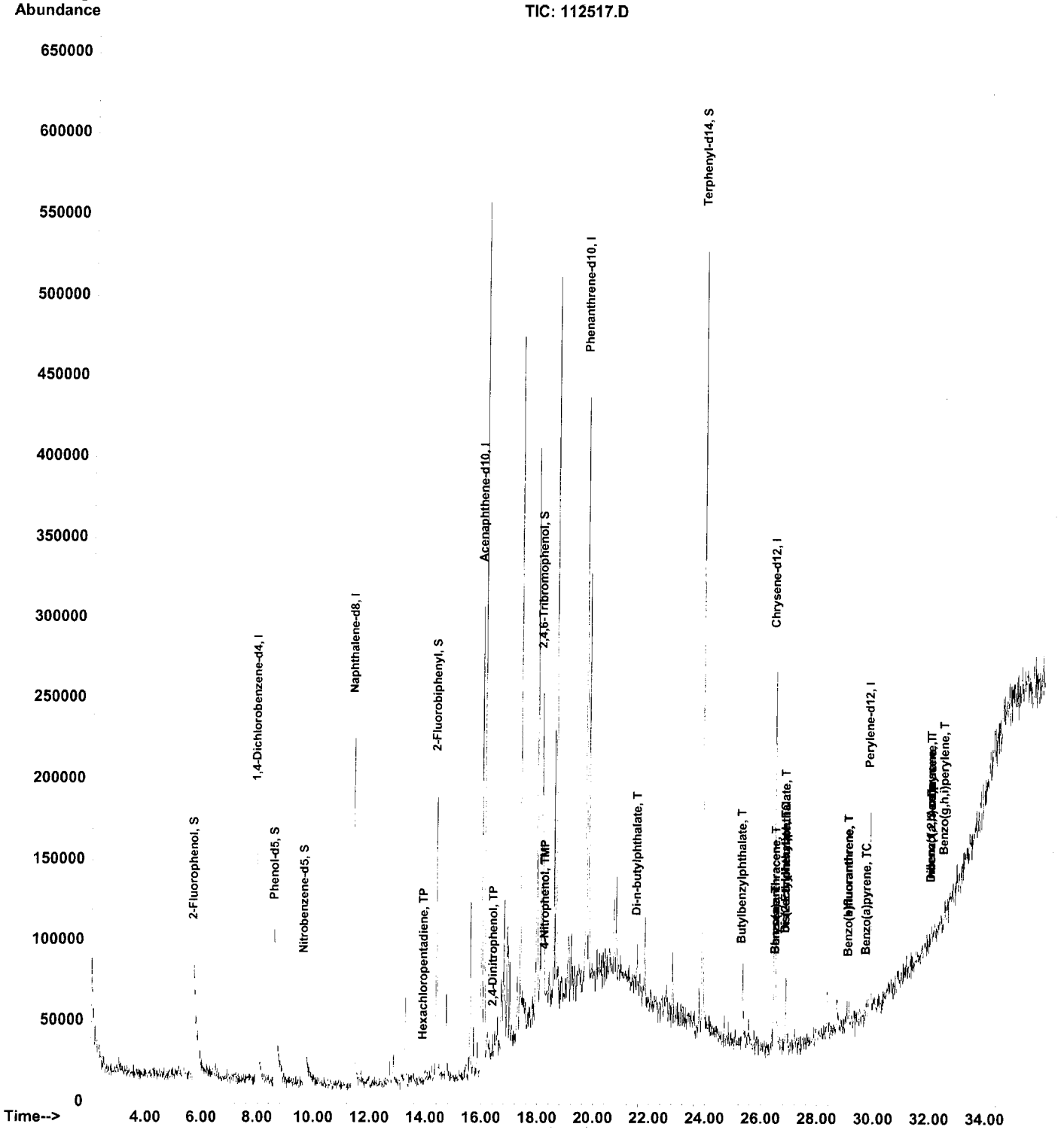
(#) = qualifier out of range (m) = manual integration
112517.D 103102.M Sat Nov 30 18:37:38 2002

000226

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112517.D Vial: 57
Acq On : 30 Nov 2002 1:37 am Operator: dp
Sample : 102529-563 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:34 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



000227

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112512.D Vial: 54
Acq On : 29 Nov 2002 10:22 pm Operator: dp
Sample : 102529-563, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:35 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	150	210136	40.00	ug/L	0.00
19) Naphthalene-d8	11.42	136	480720	40.00	ug/L	0.00
34) Acenaphthene-d10	16.01	164	296916	40.00	ug/L	0.00
55) Phenanthrene-d10	19.74	188	386360	40.00	ug/L	0.00
66) Chrysene-d12	26.50	240	272596m	40.00	ug/L	-0.02
74) Perylene-d12	29.88	264	159508	40.00	ug/L	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.75	112	161663m	35.96	ug/L	-0.13
Spiked Amount 100.000	Range 25 - 121		Recovery = 35.96%			
4) Phenol-d5	8.60	99	271109	39.86	ug/L	-0.09
Spiked Amount 100.000	Range 24 - 113		Recovery = 39.86%			
20) Nitrobenzene-d5	9.63	82	164318	25.68	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 51.36%			
38) 2-Fluorobiphenyl	14.39	172	369469	31.82	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 63.64%			
54) 2,4,6-Tribromophenol	18.16	330	111483	82.15	ug/L	-0.03
Spiked Amount 100.000	Range 17 - 122		Recovery = 82.15%			
68) Terphenyl-d14	23.91	244	384944	45.39	ug/L	-0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 90.78%			
Target Compounds						Qvalue
5) Phenol	8.66	94	134449	19.03	ug/L #	56
7) bis(2-Chloroethyl)ether	7.48	93	113313	16.27	ug/L	88
8) 2-Chlorophenol	8.12	128	125562	23.58	ug/L	98
9) 1,3-Dichlorobenzene	7.83	146	146138	25.89	ug/L	91
10) 1,4-Dichlorobenzene	7.99	146	161456	26.18	ug/L	95
12) 1,2-Dichlorobenzene	8.50	146	162541	29.34	ug/L	96
13) 2-Methylphenol	9.81	108	102211	30.14	ug/L #	85
14) bis(2-Chloroisopropyl)ethe	9.01	45	286060	27.10	ug/L	96
15) 4-Methylphenol	10.22	107	107887	18.39	ug/L #	85
16) 3-Methylphenol	10.22	107	107887	18.39	ug/L #	85
17) n-Nitroso-di-n-propylamine	9.39	70	81661	32.29	ug/L	94
18) Hexachloroethane	9.30	117	86296	30.91	ug/L	95
21) Nitrobenzene	9.68	123	72721	22.38	ug/L	87
22) Isophorone	10.34	82	256402	20.99	ug/L	98
23) 2-Nitrophenol	10.55	139	79749	24.37	ug/L #	81
24) 2,4-Dimethylphenol	11.33	122	48915	15.33	ug/L	94
25) bis(2-Chloroethoxy)methane	11.06	93	168287	21.94	ug/L	94
27) 2,4-Dichlorophenol	11.87	162	114733	27.60	ug/L	97
28) 1,2,4-Trichlorobenzene	11.35	180	164186	36.62	ug/L	95

(#) = qualifier out of range (m) = manual integration
112512.D 103102.M Sat Nov 30 18:38:31 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112517.D Vial: 57
Acq On : 30 Nov 2002 1:37 am Operator: dp
Sample : 102529-563 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:47 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	150	112634	40.00	ug/L	0.00
19) Naphthalene-d8	11.42	136	226362	40.00	ug/L	0.00
34) Acenaphthene-d10	16.00	164	132913	40.00	ug/L	-0.02
55) Phenanthrene-d10	19.73	188	230251	40.00	ug/L	-0.02
66) Chrysene-d12	26.49	240	176975	40.00	ug/L	-0.03
74) Perylene-d12	29.87	264	88771	40.00	ug/L	-0.03
System Monitoring Compounds						
3) 2-Fluorophenol	5.71	112	92366m	38.33	ug/L	-0.17
Spiked Amount 100.000	Range 25 - 121		Recovery = 38.33%			
4) Phenol-d5	8.61	99	111604	30.62	ug/L	-0.08
Spiked Amount 100.000	Range 24 - 113		Recovery = 30.62%			
20) Nitrobenzene-d5	9.67	82	61354	20.36	ug/L	0.04
Spiked Amount 50.000	Range 23 - 120		Recovery = 40.72%			
38) 2-Fluorobiphenyl	14.39	172	119717	23.03	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.06%			
54) 2,4,6-Tribromophenol	18.15	330	40293	66.32	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 66.32%			
68) Terphenyl-d14	23.90	244	305133	55.42	ug/L	-0.03
Spiked Amount 50.000	Range 18 - 137		Recovery = 110.84%			

Target Compounds						Qvalue
35) Hexachloropentadiene	13.95	237	122	0.60	ug/L #	1
46) 2,4-Dinitrophenol	16.45	184	212	0.52	ug/L #	1
47) 4-Nitrophenol	18.29	109	986	1.95	ug/L #	41
64) Di-n-butylphthalate	21.58	149	14740	1.21	ug/L #	92
69) Butylbenzylphthalate	25.34	149	11134	2.01	ug/L	97
71) bis(2-Ethylhexyl)phthalate	26.89	149	18497	2.42	ug/L #	93
72) Benzo(a)anthracene	26.54	228	17104	2.46	ug/L	98
73) Chrysene	26.54	228	17104	2.64	ug/L	95
75) Di-n-octylphthalate	26.89	149	18497	2.99	ug/L	94
76) Benzo(b)fluoranthrene	29.14	252	10953	2.21	ug/L #	45
77) Benzo(k)fluoranthrene	29.14	252	10953	2.26	ug/L #	45
78) Benzo(a)pyrene	29.77	252	6229	1.42	ug/L	88
79) Indeno(1,2,3-cd)pyrene	32.07	276	3704	0.74	ug/L #	49
80) Dibenzo(a,h)anthracene	32.07	278	4316	1.08	ug/L #	74
81) Benzo(g,h,i)perylene	32.53	276	4960	1.19	ug/L #	78

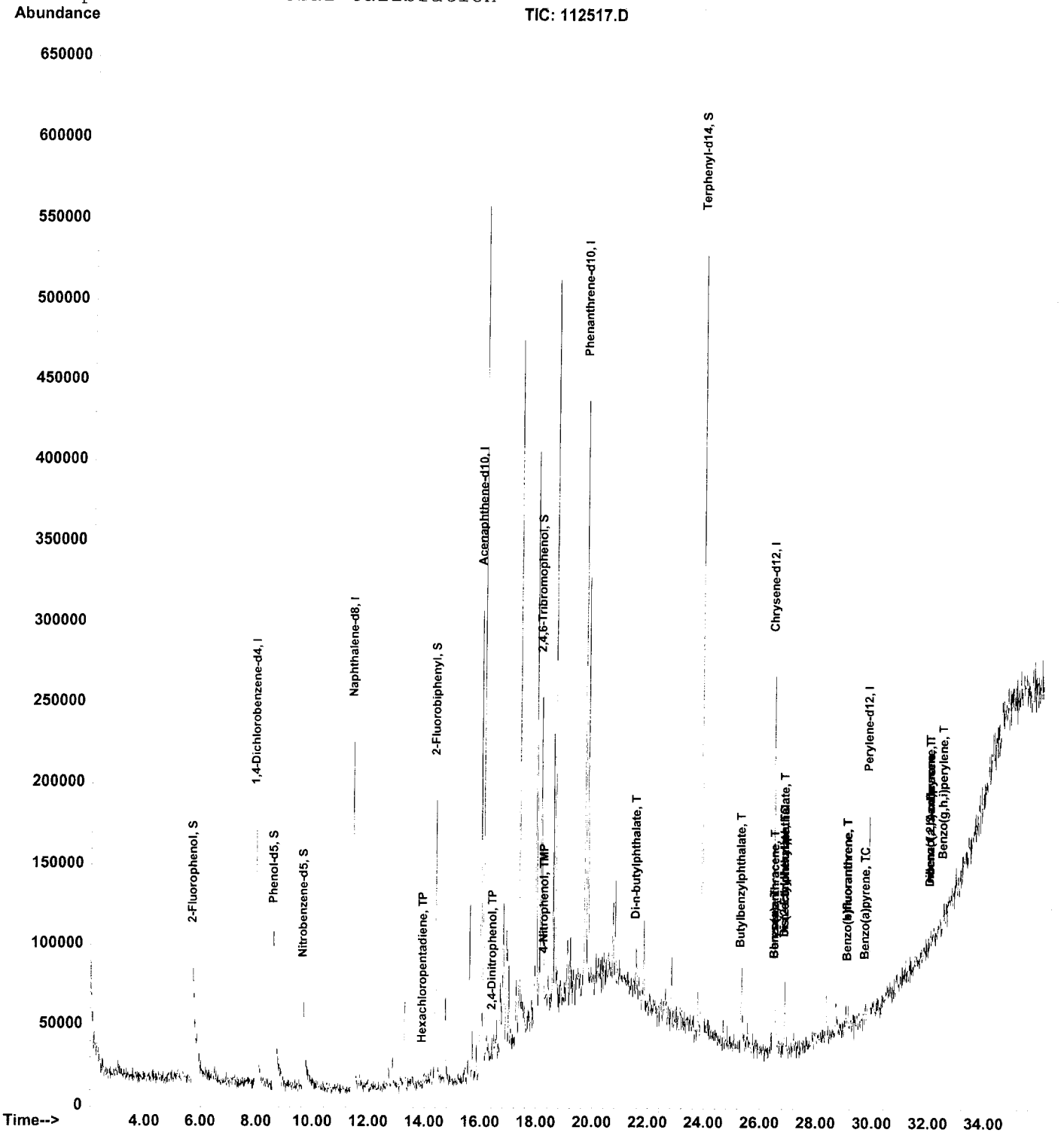
(#) = qualifier out of range (m) = manual integration

000229

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112517.D Vial: 57
Acq On : 30 Nov 2002 1:37 am Operator: dp
Sample : 102529-563 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:47 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



000230

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112518.D Vial: 58
Acq On : 30 Nov 2002 2:21 am Operator: dp
Sample : 102529-564 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 2 13:48 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

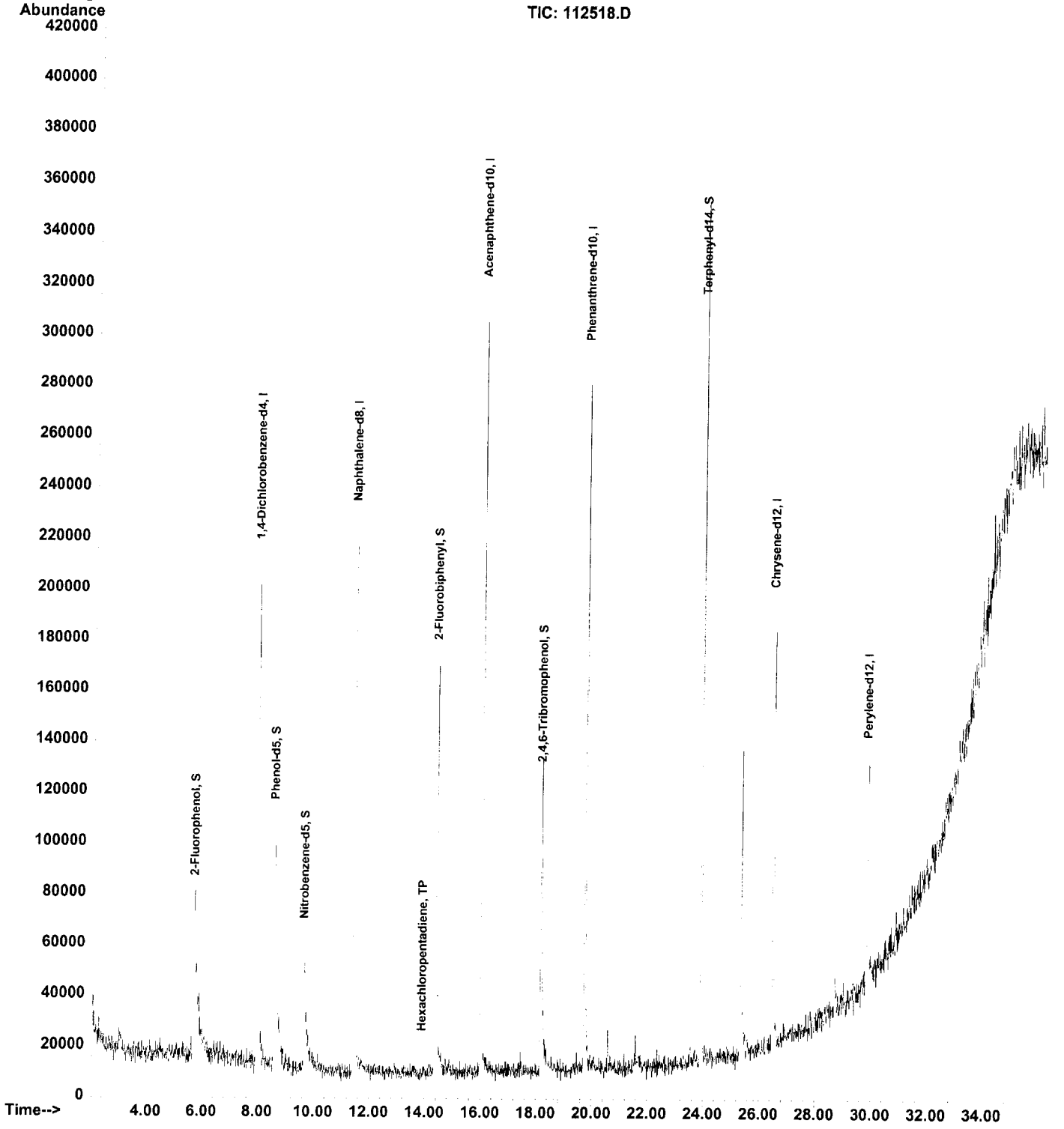
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	150	118163	40.00	ug/L	0.00
19) Naphthalene-d8	11.42	136	231408	40.00	ug/L	0.00
34) Acenaphthene-d10	16.00	164	141360	40.00	ug/L	-0.02
55) Phenanthrene-d10	19.73	188	222813	40.00	ug/L	-0.02
66) Chrysene-d12	26.49	240	132747	40.00	ug/L	-0.03
74) Perylene-d12	29.86	264	65166	40.00	ug/L	-0.04
System Monitoring Compounds						
3) 2-Fluorophenol	5.73	112	87279m	34.53	ug/L	-0.15
Spiked Amount 100.000	Range 25 - 121		Recovery = 34.53%			
4) Phenol-d5	8.59	99	114789m	30.02	ug/L	-0.10
Spiked Amount 100.000	Range 24 - 113		Recovery = 30.02%			
20) Nitrobenzene-d5	9.67	82	83191m	27.00	ug/L	0.04
Spiked Amount 50.000	Range 23 - 120		Recovery = 54.00%			
38) 2-Fluorobiphenyl	14.38	172	115073	20.82	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 41.64%			
54) 2,4,6-Tribromophenol	18.17	330	33552	51.93	ug/L	-0.03
Spiked Amount 100.000	Range 17 - 122		Recovery = 51.93%			
68) Terphenyl-d14	23.91	244	200869	48.63	ug/L	-0.03
Spiked Amount 50.000	Range 18 - 137		Recovery = 97.26%			
Target Compounds						Qvalue
35) Hexachloropentadiene	13.93	237	142	0.66	ug/L #	44

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112518.D Vial: 58
Acq On : 30 Nov 2002 2:21 am Operator: dp
Sample : 102529-564 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 2 13:48 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 01 15:41:15 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112519.D Vial: 59
Acq On : 30 Nov 2002 3:04 am Operator: dp
Sample : 102529-565 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:48 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

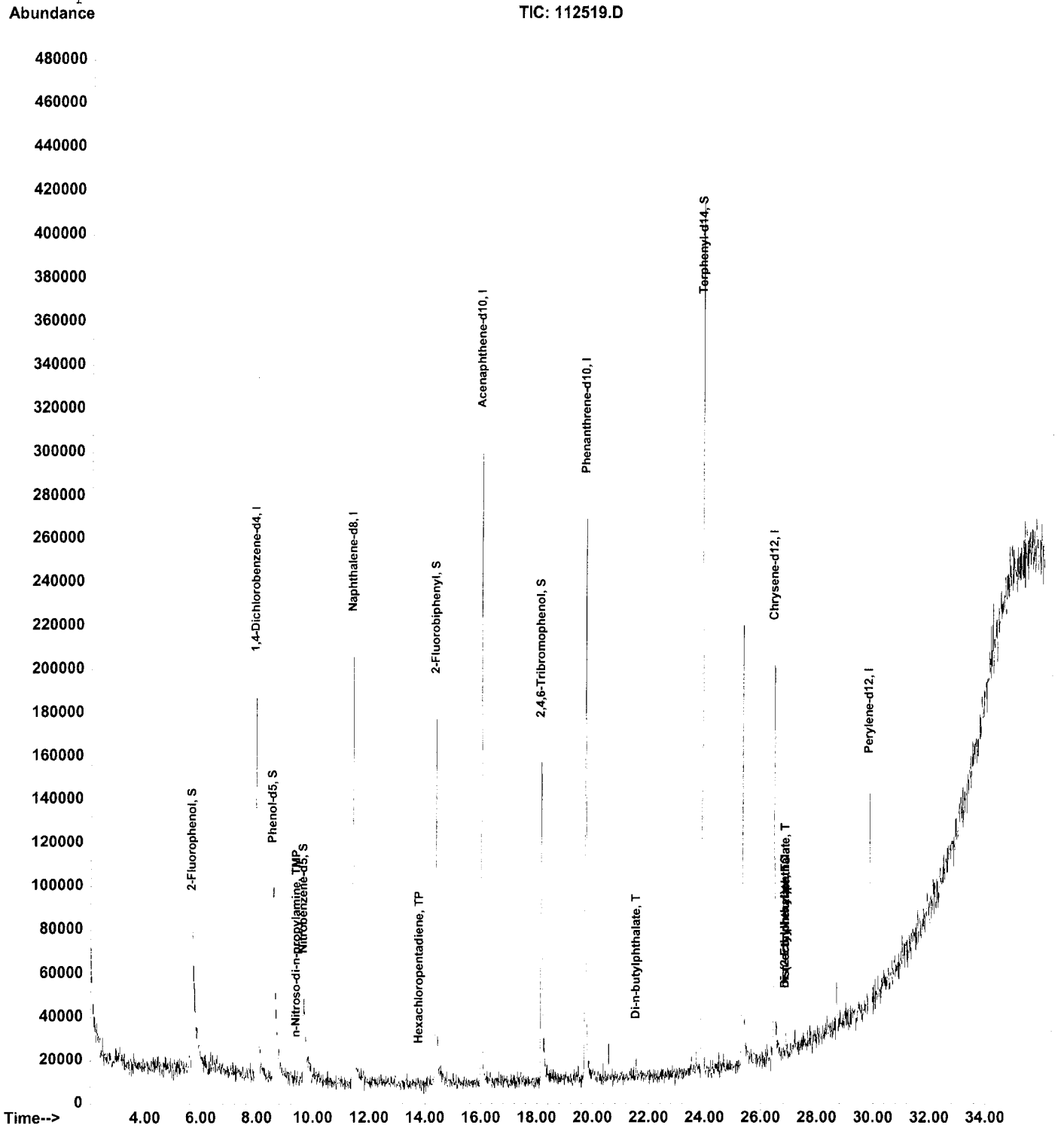
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	150	104552	40.00	ug/L	0.00
19) Naphthalene-d8	11.41	136	223711m	40.00	ug/L	-0.02
34) Acenaphthene-d10	16.00	164	136718	40.00	ug/L	-0.02
55) Phenanthrene-d10	19.73	188	217110	40.00	ug/L	-0.02
66) Chrysene-d12	26.48	240	157107	40.00	ug/L	-0.04
74) Perylene-d12	29.86	264	68134	40.00	ug/L	-0.04
System Monitoring Compounds						
3) 2-Fluorophenol	5.69	112	87126m	38.95	ug/L	-0.19
Spiked Amount 100.000	Range 25 - 121		Recovery = 38.95%			
4) Phenol-d5	8.57	99	117739m	34.80	ug/L	-0.12
Spiked Amount 100.000	Range 24 - 113		Recovery = 34.80%			
20) Nitrobenzene-d5	9.68	82	68535m	23.01	ug/L	0.04
Spiked Amount 50.000	Range 23 - 120		Recovery = 46.02%			
38) 2-Fluorobiphenyl	14.38	172	114167	21.36	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 42.72%			
54) 2,4,6-Tribromophenol	18.14	330	34062	54.51	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 54.51%			
68) Terphenyl-d14	23.91	244	226507	46.34	ug/L	-0.03
Spiked Amount 50.000	Range 18 - 137		Recovery = 92.68%			
Target Compounds						Qvalue
17) n-Nitroso-di-n-propylamine	9.43	70	750	0.60	ug/L #	58
35) Hexachloropentadiene	13.81	237	158	0.76	ug/L #	1
64) Di-n-butylphthalate	21.58	149	6863	0.60	ug/L #	90
71) bis(2-Ethylhexyl)phthalate	26.90	149	6948	1.03	ug/L #	71
75) Di-n-octylphthalate	26.90	149	6948	1.46	ug/L #	81

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112519.D Vial: 59
Acq On : 30 Nov 2002 3:04 am Operator: dp
Sample : 102529-565 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:48 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112520.D Vial: 60
Acq On : 30 Nov 2002 3:47 am Operator: dp
Sample : 102529-566 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:49 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	150	120541	40.00	ug/L	-0.01
19) Naphthalene-d8	11.41	136	337939	40.00	ug/L	-0.02
34) Acenaphthene-d10	16.01	164	245973	40.00	ug/L	-0.01
55) Phenanthrene-d10	19.73	188	383326	40.00	ug/L	-0.02
66) Chrysene-d12	26.48	240	263246	40.00	ug/L	-0.03
74) Perylene-d12	29.87	264	117155	40.00	ug/L	-0.03
System Monitoring Compounds						
3) 2-Fluorophenol	5.64	112	111074m	43.07	ug/L	-0.24
Spiked Amount 100.000	Range 25 - 121		Recovery = 43.07%			
4) Phenol-d5	8.53	99	157786m	40.45	ug/L	-0.16
Spiked Amount 100.000	Range 24 - 113		Recovery = 40.45%			
20) Nitrobenzene-d5	9.65	82	114236	25.39	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 50.78%			
38) 2-Fluorobiphenyl	14.37	172	275137	28.61	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 57.22%			
54) 2,4,6-Tribromophenol	18.14	330	81858	72.81	ug/L	-0.06
Spiked Amount 100.000	Range 17 - 122		Recovery = 72.81%			
68) Terphenyl-d14	23.91	244	421569	51.47	ug/L	-0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 102.94%			
Target Compounds						Qvalue
17) n-Nitroso-di-n-propylamine	9.48	70	1436	0.99	ug/L #	65
22) Isophorone	10.37	82	12219	1.42	ug/L #	1
26) Benzoic acid	12.22	105	6631	3.32	ug/L #	57
27) 2,4-Dichlorophenol	11.94	162	3058	1.05	ug/L #	1
29) Naphthalene	11.53	128	6275	0.58	ug/L #	1
30) 4-Chloroaniline	11.44	127	2194	1.63	ug/L	86
33) 2-Methylnaphthalene	13.31	142	115315	12.26	ug/L #	39
36) 2,4,6-Trichlorophenol	14.43	196	3632	1.36	ug/L #	26
40) 2-Nitroaniline	14.99	138	3572	0.99	ug/L	79
42) 2,6-Dinitrotoluene	15.71	165	2398	0.96	ug/L	86
44) 3-Nitroaniline	14.99	138	3572	0.99	ug/L	79
45) Acenaphthene	16.11	154	13536	1.66	ug/L #	34
47) 4-Nitrophenol	18.42	109	992	1.06	ug/L	90
64) Di-n-butylphthalate	21.58	149	13153	0.65	ug/L #	95

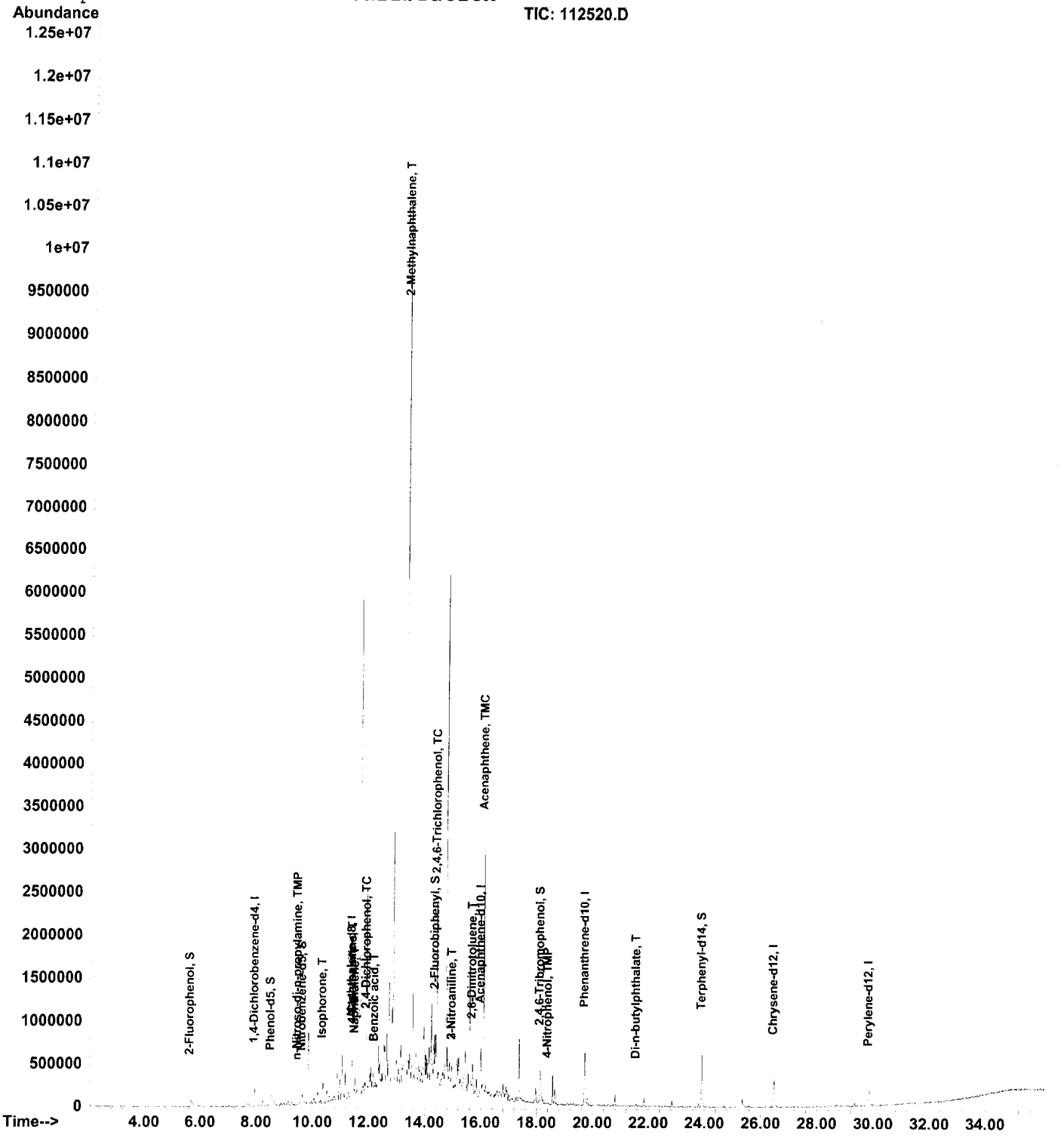
409

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112520.D Vial: 60
Acq On : 30 Nov 2002 3:47 am Operator: dp
Sample : 102529-566 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:49 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112521.D Vial: 61
Acq On : 30 Nov 2002 4:31 am Operator: dp
Sample : 102529-567 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 2 13:51 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

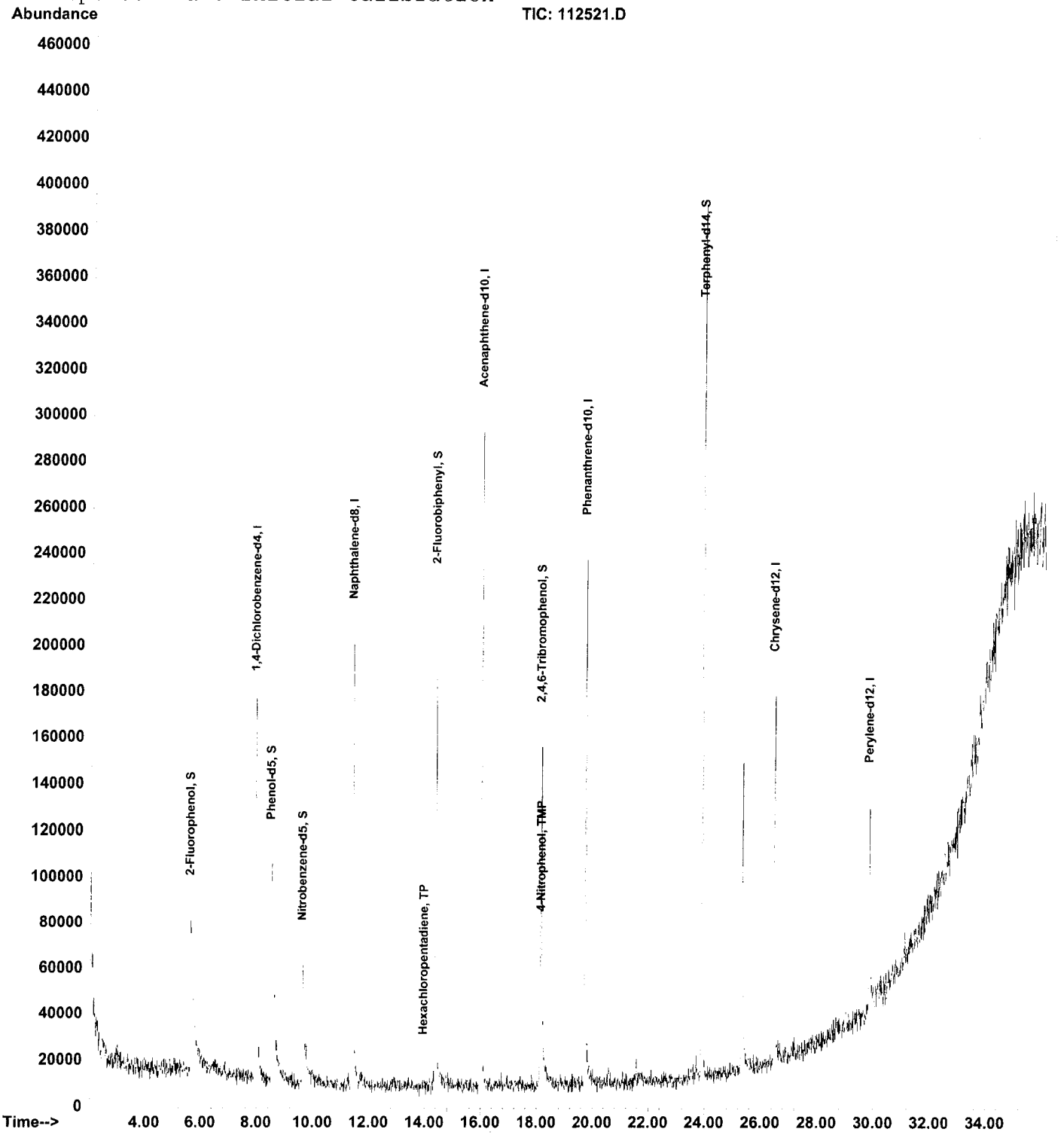
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	150	104535m	40.00	ug/L	0.00
19) Naphthalene-d8	11.41	136	206704	40.00	ug/L	-0.02
34) Acenaphthene-d10	16.00	164	139961	40.00	ug/L	-0.02
55) Phenanthrene-d10	19.73	188	203676	40.00	ug/L	-0.02
66) Chrysene-d12	26.49	240	124456m	40.00	ug/L	-0.03
74) Perylene-d12	29.87	264	58791	40.00	ug/L	-0.03
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	97481m	43.59	ug/L	-0.25
Spiked Amount 100.000	Range 25 - 121		Recovery = 43.59%			
4) Phenol-d5	8.52	99	118868m	35.14	ug/L	-0.17
Spiked Amount 100.000	Range 24 - 113		Recovery = 35.14%			
20) Nitrobenzene-d5	9.65	82	54197	19.69	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 39.38%			
38) 2-Fluorobiphenyl	14.37	172	132966	24.30	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 48.60%			
54) 2,4,6-Tribromophenol	18.15	330	39051m	61.04	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 61.04%			
68) Terphenyl-d14	23.90	244	215977	55.78	ug/L	-0.03
Spiked Amount 50.000	Range 18 - 137		Recovery = 111.56%			
Target Compounds						Qvalue
35) Hexachloropentadiene	13.99	237	109	0.51	ug/L #	33
47) 4-Nitrophenol	18.19	109	282	0.53	ug/L #	35

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112521.D Vial: 61
Acq On : 30 Nov 2002 4:31 am Operator: dp
Sample : 102529-567 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 2 13:51 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 01 15:41:15 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112522.D Vial: 62
Acq On : 30 Nov 2002 5:14 am Operator: dp
Sample : 102529-568 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:50 19102 Quant Results File: 103102.RES

Quant Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration
DataAcq Meth : 020401

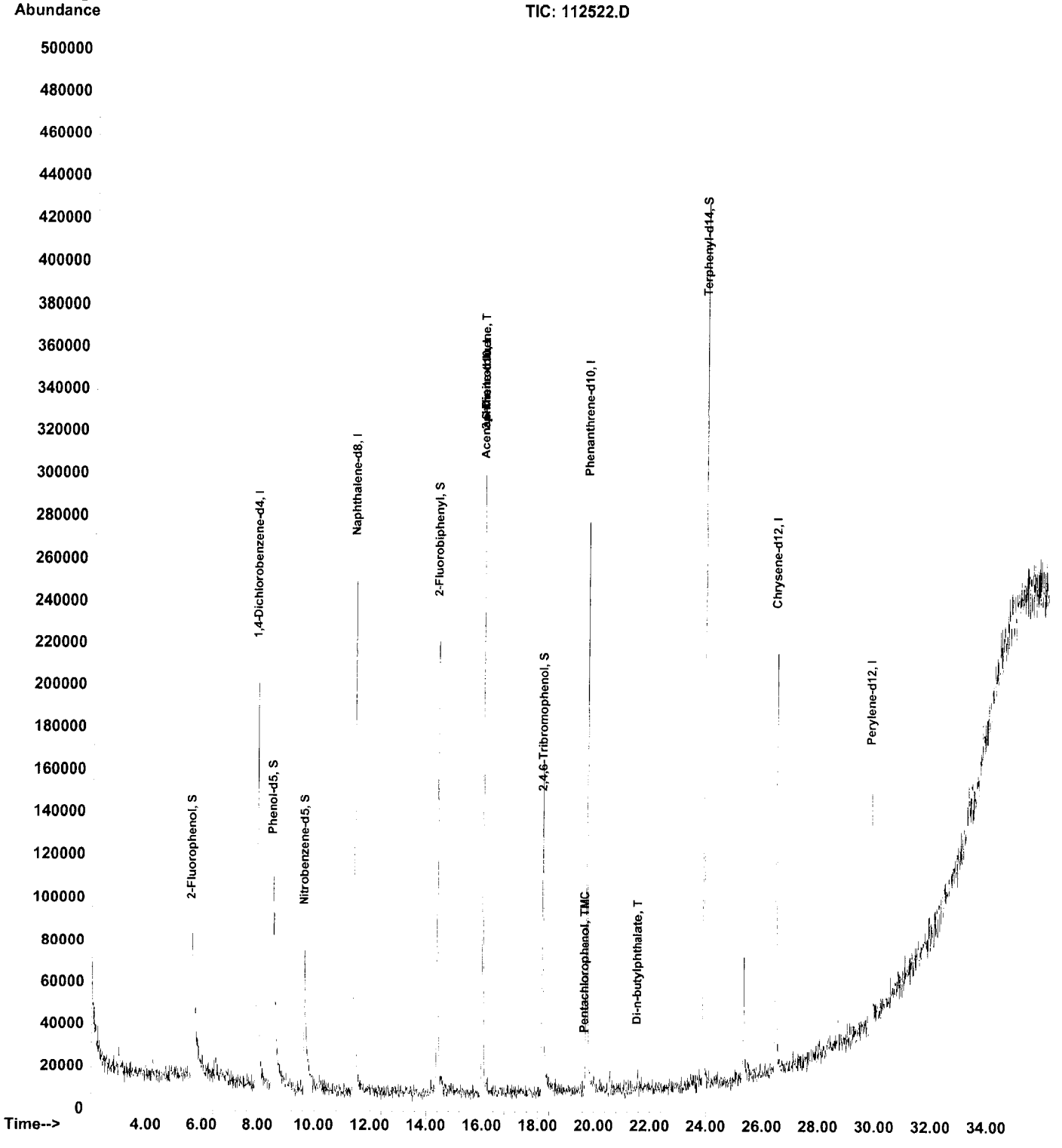
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	150	103631	40.00	ug/L	-0.02
19) Naphthalene-d8	11.41	136	234049	40.00	ug/L	-0.02
34) Acenaphthene-d10	16.00	164	150325	40.00	ug/L	-0.02
55) Phenanthrene-d10	19.72	188	225692	40.00	ug/L	-0.03
66) Chrysene-d12	26.48	240	163393	40.00	ug/L	-0.04
74) Perylene-d12	29.86	264	82989	40.00	ug/L	-0.04
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	100887m	45.51	ug/L	-0.25
Spiked Amount 100.000	Range 25 - 121		Recovery = 45.51%			
4) Phenol-d5	8.51	99	124695m	37.18	ug/L	-0.18
Spiked Amount 100.000	Range 24 - 113		Recovery = 37.18%			
20) Nitrobenzene-d5	9.65	82	78874	25.31	ug/L	0.02
Spiked Amount 50.000	Range 23 - 120		Recovery = 50.62%			
38) 2-Fluorobiphenyl	14.38	172	135017	22.97	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 45.94%			
54) 2,4,6-Tribromophenol	18.16	330	34546	50.28	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 50.28%			
68) Terphenyl-d14	23.91	244	252708m	49.71	ug/L	-0.03
Spiked Amount 50.000	Range 18 - 137		Recovery = 99.42%			
Target Compounds						Qvalue
42) 2,6-Dinitrotoluene	15.99	165	17853	11.72	ug/L #	16
61) Pentachlorophenol	19.69	266	300	0.53	ug/L #	19
64) Di-n-butylphthalate	21.58	149	6183	0.52	ug/L #	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV02\112702\112522.D Vial: 62
Acq On : 30 Nov 2002 5:14 am Operator: dp
Sample : 102529-568 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 18:50 19102 Quant Results File: 103102.RES

Method : C:\HPCHEM\1\METHODS\103102.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Nov 30 18:11:48 2002
Response via : Initial Calibration



ASSOCIATED LABORATORIES
8270 PREP SHEET

BATCH ID: 112202 – 8270-S

[redacted]

000247

LAB REQUEST # 102529	PREP METHOD	MATRIX TYPE	SURR. ADDED	SPIKE ADDED	INITIAL WT / VOL	FINAL VOLUME	DATE EXT.	EXT. BY	COMMENT
BLANK	3550B	S	1ml	X	30g	1ml	11-25-02	JN	
LCS				1ml					
MS				1ml					
MSD				1ml					
102529 – 393561					10g				– Foster Wheeler Environmental Corp.
– 393562					30g				
– 393563									
– 393564									
– 393565									
– 393566									
– 393567									
– 393568									
– 393569									
– 393570									
– 393571									

Solvent Manufacturer and Lot # Mech-Fisher # 073686 Surrogate Lot # W-2478

Florisil Manufacturer & Lot # Spectrum PK 1365 Spike Lot # W-2455

Sand Manufacturer & Lot # Na2SO4 Manufacturer & Lot # Microtech 222840

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102763

REPORTED 12/05/2002
RECEIVED 11/26/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
394752	FT31EX29
394753	FT31EX30
394754	FT31EX30D
394755	FT31EX31
394756	FT31EX32
394757	FT31EX33
394758	FT31EX34
394759	FT31EX35
394760	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 394752 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX29
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394752
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX29

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394752
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX29

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	124			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394752 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX29
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394752
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX29
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Isophorone	ND	1	333	ug/Kg	12/04/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02	DP
Naphthalene	ND	1	333	ug/Kg	12/04/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02	DP
Phenol	ND	1	333	ug/Kg	12/04/02	DP
Pyrene	ND	1	333	ug/Kg	12/04/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	50			%	17 - 122	
2-Fluorobiphenyl (sur)	63			%	30 - 115	
2-Fluorophenol (sur)	56			%	25 - 121	
Nitrobenzene-d5 (sur)	54			%	23 - 120	
Phenol-d5 (sur)	56			%	24 - 113	
Terphenyl-d14 (sur)	87			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/27/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	121			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	109			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Isophorone	ND	1	333	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02 DP
Naphthalene	ND	1	333	ug/Kg	12/04/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02 DP
Phenol	ND	1	333	ug/Kg	12/04/02 DP
Pyrene	ND	1	333	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	53			%	17 - 122
2-Fluorobiphenyl (sur)	55			%	30 - 115
2-Fluorophenol (sur)	52			%	25 - 121
Nitrobenzene-d5 (sur)	52			%	23 - 120
Phenol-d5 (sur)	51			%	24 - 113
Terphenyl-d14 (sur)	90			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	119			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX30D
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	11/27/02	AM
Propionitrile	ND	1	5	ug/Kg	11/27/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02	AM
Styrene	ND	1	5	ug/Kg	11/27/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02	AM
Toluene	ND	1	5	ug/Kg	11/27/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02	AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02	AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02	AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02	AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	122			%	70 - 130	
Dibromofluoromethane (sur)	112			%	70 - 130	
p-Bromofluorobenzene (sur)	106			%	70 - 130	
Toluene-d8 (sur)	103			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02 DP
Anthracene	ND	1	333	ug/Kg	12/04/02 DP
Benzidine	ND	1	333	ug/Kg	12/04/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Chrysene	ND	1	333	ug/Kg	12/04/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02 DP
Fluorene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Isophorone	ND	1	333	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02 DP
Naphthalene	ND	1	333	ug/Kg	12/04/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02 DP
Phenol	ND	1	333	ug/Kg	12/04/02 DP
Pyrene	ND	1	333	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	47			%	17 - 122
2-Fluorobiphenyl (sur)	52			%	30 - 115
2-Fluorophenol (sur)	47			%	25 - 121
Nitrobenzene-d5 (sur)	49			%	23 - 120
Phenol-d5 (sur)	50			%	24 - 113
Terphenyl-d14 (sur)	104			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	122			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX31

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX31

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX31
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	109			%	70 - 130
Dibromofluoromethane (sur)	103			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	107			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX31

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX31

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Isophorone	ND	1	333	ug/Kg	12/04/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02	DP
Naphthalene	ND	1	333	ug/Kg	12/04/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02	DP
Phenol	ND	1	333	ug/Kg	12/04/02	DP
Pyrene	ND	1	333	ug/Kg	12/04/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	62			%	17 - 122	
2-Fluorobiphenyl (sur)	60			%	30 - 115	
2-Fluorophenol (sur)	56			%	25 - 121	
Nitrobenzene-d5 (sur)	56			%	23 - 120	
Phenol-d5 (sur)	54			%	24 - 113	
Terphenyl-d14 (sur)	98			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/27/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	121			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX32

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	63	1	30	mg/Kg	11/30/02	AF
C22 - C32	92	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	100	500.0	ug/Kg	11/27/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	11/27/02	AM
Acetone	ND	100	500.0	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX32
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Acrolein	ND	100	20000.0	ug/Kg	11/27/02 AM
Acrylonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Allyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Benzene	ND	100	500.0	ug/Kg	11/27/02 AM
Benzyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Bromobenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Bromochloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Bromoform	ND	100	500.0	ug/Kg	11/27/02 AM
Bromomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	100	500.0	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	11/27/02 AM
Chlorobenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Chloroethane	ND	100	500.0	ug/Kg	11/27/02 AM
Chloroform	ND	100	500.0	ug/Kg	11/27/02 AM
Chloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Dibromomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Ethyl benzene	ND	100	500.0	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	11/27/02 AM
Iodomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	100	500.0	ug/Kg	11/27/02 AM
m and p-Xylene	ND	100	500.0	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	100	500.0	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	11/27/02 AM
Methylene chloride	ND	100	500.0	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Naphthalene	ND	100	500.0	ug/Kg	11/27/02 AM
o-Xylene	ND	100	500.0	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	100	500.0	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX32

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	100	500.0	ug/Kg	11/27/02 AM
Propionitrile	ND	100	500.0	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Styrene	ND	100	500.0	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
Toluene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	11/27/02 AM
Trichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Vinyl acetate	ND	100	5000.0	ug/Kg	11/27/02 AM
Vinyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Xylenes, total	ND	100	500.0	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	102			%	70 - 130
Toluene-d8 (sur)	106			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX32

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/04/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/04/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/04/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/04/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/04/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX32

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Isophorone	ND	3	999.0	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/04/02 DP
Naphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	12/04/02 DP
Phenol	ND	3	999.0	ug/Kg	12/04/02 DP
Pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	65			%	17 - 122
2-Fluorobiphenyl (sur)	64			%	30 - 115
2-Fluorophenol (sur)	59			%	25 - 121
Nitrobenzene-d5 (sur)	58			%	23 - 120
Phenol-d5 (sur)	60			%	24 - 113
Terphenyl-d14 (sur)	108			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	5.3	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	116			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX33

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX33

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX33

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	11/27/02	AM
Propionitrile	ND	1	5	ug/Kg	11/27/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02	AM
Styrene	ND	1	5	ug/Kg	11/27/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02	AM
Toluene	ND	1	5	ug/Kg	11/27/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02	AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02	AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02	AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02	AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130	
Dibromofluoromethane (sur)	107			%	70 - 130	
p-Bromofluorobenzene (sur)	106			%	70 - 130	
Toluene-d8 (sur)	105			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX33
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX33
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Isophorone	ND	1	333	ug/Kg	12/04/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02	DP
Naphthalene	ND	1	333	ug/Kg	12/04/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02	DP
Phenol	ND	1	333	ug/Kg	12/04/02	DP
Pyrene	ND	1	333	ug/Kg	12/04/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	51			%	17 - 122	
2-Fluorobiphenyl (sur)	54			%	30 - 115	
2-Fluorophenol (sur)	48			%	25 - 121	
Nitrobenzene-d5 (sur)	51			%	23 - 120	
Phenol-d5 (sur)	51			%	24 - 113	
Terphenyl-d14 (sur)	91			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/27/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	110			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	180	1	30	mg/Kg	11/30/02	AF
C22 - C32	80	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	1520	100	500.0	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	100	500.0	ug/Kg	11/27/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	11/27/02	AM
Acetone	ND	100	500.0	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Acrolein	ND	100	20000.0	ug/Kg	11/27/02 AM
Acrylonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Allyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Benzene	ND	100	500.0	ug/Kg	11/27/02 AM
Benzyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Bromobenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Bromochloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Bromoform	ND	100	500.0	ug/Kg	11/27/02 AM
Bromomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	100	500.0	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	11/27/02 AM
Chlorobenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Chloroethane	ND	100	500.0	ug/Kg	11/27/02 AM
Chloroform	ND	100	500.0	ug/Kg	11/27/02 AM
Chloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Dibromomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Ethyl benzene	ND	100	500.0	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	11/27/02 AM
Iodomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	100	500.0	ug/Kg	11/27/02 AM
m and p-Xylene	ND	100	500.0	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	100	500.0	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	11/27/02 AM
Methylene chloride	ND	100	500.0	ug/Kg	11/27/02 AM
n-Butylbenzene	795	100	500.0	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Naphthalene	ND	100	500.0	ug/Kg	11/27/02 AM
o-Xylene	ND	100	500.0	ug/Kg	11/27/02 AM
p-Isopropyltoluene	1160	100	500.0	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX34
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	100	500.0	ug/Kg	11/27/02 AM
Propionitrile	ND	100	500.0	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Styrene	ND	100	500.0	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
Toluene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	11/27/02 AM
Trichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Vinyl acetate	ND	100	5000.0	ug/Kg	11/27/02 AM
Vinyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Xylenes, total	ND	100	500.0	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	114			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/04/02 DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/04/02 DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02 DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/04/02 DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/04/02 DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/04/02 DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/04/02 DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/04/02 DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/04/02 DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02 DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
Acenaphthene	ND	3	999.0	ug/Kg	12/04/02 DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/04/02 DP
Anthracene	ND	3	999.0	ug/Kg	12/04/02 DP
Benzidine	ND	3	999.0	ug/Kg	12/04/02 DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/04/02 DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/04/02 DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/04/02 DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/04/02 DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/04/02 DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/04/02 DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/04/02 DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/04/02 DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/04/02 DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/04/02 DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/04/02 DP
Chrysene	ND	3	999.0	ug/Kg	12/04/02 DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/04/02 DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/04/02 DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/04/02 DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/04/02 DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/04/02 DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/04/02 DP
Fluoranthene	ND	3	999.0	ug/Kg	12/04/02 DP
Fluorene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Isophorone	ND	3	999.0	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/04/02 DP
Naphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	12/04/02 DP
Phenol	ND	3	999.0	ug/Kg	12/04/02 DP
Pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	66			%	17 - 122
2-Fluorobiphenyl (sur)	68			%	30 - 115
2-Fluorophenol (sur)	64			%	25 - 121
Nitrobenzene-d5 (sur)	64			%	23 - 120
Phenol-d5 (sur)	62			%	24 - 113
Terphenyl-d14 (sur)	100			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	10	2	10.0	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	104			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX35
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX35

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX35

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	118	%	70 - 130
Dibromofluoromethane (sur)	110	%	70 - 130
p-Bromofluorobenzene (sur)	105	%	70 - 130
Toluene-d8 (sur)	101	%	70 - 130

8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX35

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02 DP
Anthracene	ND	1	333	ug/Kg	12/04/02 DP
Benzidine	ND	1	333	ug/Kg	12/04/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Chrysene	ND	1	333	ug/Kg	12/04/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02 DP
Fluorene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX35

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Isophorone	ND	1	333	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02 DP
Naphthalene	ND	1	333	ug/Kg	12/04/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02 DP
Phenol	ND	1	333	ug/Kg	12/04/02 DP
Pyrene	ND	1	333	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	52			%	17 - 122
2-Fluorobiphenyl (sur)	59			%	30 - 115
2-Fluorophenol (sur)	55			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	55			%	24 - 113
Terphenyl-d14 (sur)	96			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	114			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394760
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/29/02	AF
C10 - C22	ND	1	30	mg/Kg	11/29/02	AF
C22 - C32	ND	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394760
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394760
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	109			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	102			%	70 - 130
Toluene-d8 (sur)	110			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394760
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394760
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Isophorone	ND	1	333	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02 DP
Naphthalene	ND	1	333	ug/Kg	12/04/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02 DP
Phenol	ND	1	333	ug/Kg	12/04/02 DP
Pyrene	ND	1	333	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	65			%	17 - 122
2-Fluorobiphenyl (sur)	83			%	30 - 115
2-Fluorophenol (sur)	69			%	25 - 121
Nitrobenzene-d5 (sur)	76			%	23 - 120
Phenol-d5 (sur)	73			%	24 - 113
Terphenyl-d14 (sur)	115			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	106			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Prep. Date: 11/29/02

Analysis Date: 11/29/02

ID#'s in Batch: LR 102766, 102763

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	**Method**	LCS	ND	455	500	91	80%	120%
DIESEL	8015D	LCSD	ND	457	500	91	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-156
Method Blank	95
LCS	94
LCSD	94

*** Outside QC Limits**

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Prep. Date: 11/27/02

Analysis Date: 11/27/02-11/28/02

ID#'s in Batch: LR 102763, 102766

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	**Method**	LCS	ND	4.80	5	96	80%	120%
TPH	8015M-G	LCSD	ND	4.80	5	96	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	**AAA-TFT**
QC Limit	**55-156**
Method Blank	106
LCS	137
LCSD	135

*** Outside QC Limits**

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 11/28/02 9:38 PM

Applies to: LR 102763

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	53.19	54.51	106	109	2	22	59-172
MTBE	ND	50	46.15	42.93	92	86	7	24	62-137
Benzene	ND	50	49.36	45.07	99	90	9	24	62-137
Trichloroethene	ND	50	58.63	56.22	117	112	4	21	66-142
Toluene	ND	50	53.56	54.43	107	109	2	21	59-139
Chlorobenzene	ND	50	51.38	49.13	103	98	4	21	60-133

QC Sample: LCS # 1 2:49 PM
Analysis Date: 11/27/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	58.34	117	59-172
MTBE	ND	50	42.15	84	62-137
Benzene	ND	50	48.13	96	62-137
Trichloroethene	ND	50	56.15	112	66-142
Toluene	ND	50	57.30	115	59-139
Chlorobenzene	ND	50	50.34	101	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB	LCS	LCSD
1,2-Dichloroethane-d4	97	109	100	101
Dibromofluoromethane	105	109	107	106
Toluene-d8	111	110	102	106
p-Bromofluorobenzene	106	102	103	108

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270 / 625

QC Sample: 102763-752

Matrix: SOLID

Date Analyzed : 12/04/02

Date Extracted : 12/03/02

Applies to: LR 102763, 102766, 102943

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.1	50	23	25	46	50	8	35	26-125
2-Chorophenol	ND	50	24	25	48	50	4	50	25-125
1,4-Dichlorobenzene	ND	50	23	25	46	50	8	27	28-104
n-Nitroso-di-propylamine	0.1	50	21	20	42	40	5	38	41-126
1,2,4-Trichlorobenzene	ND	50	23	24	46	48	4	23	38-107
4-Chloro-3-methylphenol	ND	50	31	30	62	60	3	33	26-103
Acenaphthene	ND	50	29	30	58	60	3	19	31-137
4-Nitrophenol	ND	50	47	46	94	92	2	50	11-114
2,4-Dinitrotoluene	0.1	50	42	42	84	84	0	47	28-89
Pentachlorophenol	ND	50	36	38	72	76	5	47	17-109
Pyrene	ND	50	41	45	82	90	9	36	35-142

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	27	54	26-125
2-Chlorophenol	50	28	56	25-125
1,4-Dichlorobenzene	50	28	56	28-104
n-Nitroso-di-n-propylamine	50	24	48	41-126
1,2,4-Trichlorobenzene	50	29	58	38-107
4-Chloro-3-methylphenol	50	33	66	26-103
Acenaphthene	50	42	84	31-137
4-Nitophenol	50	39	78	11-114
2,4-Dinitrotoluene	50	42	84	28-89
Pentachlorophenol	50	22	44	17-109
Pyrene	50	42	84	35-142

Method Blank = All ND

Attachment B

EXCAVATION samples

Analytical Method	Parameter
SW-846 Method 5035/8260B	VOCs
SW-846 Method 8270C	SVOCs
EPA Modified Method 8015	TPH (DRO, GRO, ORO)

Cooler Receipt Form

Client: Foster Wheeler Project: FW-31

Date Cooler Received: 11-26-02 Date Cooler Opened: 11-26-02

Was cooler scanned for presence of radioactivity? (Yes) / No

a: Was radioactivity results above 25cpm? Yes / (No)

If cooler had custody seal(s), were they signed and intact? NA / (Yes) / No

Was a shipper's packing slip attached to the cooler? (Yes) / No

Cooler was packed with: Ice X Ice Packs____ Bubble Wrap X Styrofoam____

Paper____ None____ Other_____

Temperature of cooler: 0.2°C

*Cooler needs to be received @ 4°C with an acceptable range of 2°-6°C

Were all samples sealed in plastic bags? (Yes) / No

Did all samples arrive intact? If no, see below (Yes) / No

Were all samples labeled correctly? (ID, Dates, Times) If no, see below (Yes) / No

Can the tests required be run with provided containers? If no, see below (Yes) / No

Was sufficient volume of sample sent in all containers? (Yes) / No

Were any VOA vials received with headspace? (NA) / Yes / No

Were correct preservatives used? (NA) / Yes / No

*If no, see pH Log for a list of samples and container pH.

Any other important information: _____

_____

_____

Signed: _____ Date: 11-26-02

ASSOCIATED LABORATORIES

NARRATIVE

Date: December 6, 2002

Narrative for Lab Request LR: 102763

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015M – Total Petroleum Hydrocarbons.
- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
All QC data, including MS/MSD, LCS, Method Blanks, and Surrogate Recoveries, were within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Associated Laboratories
806 N. Batavia
Orange, CA 92868

Phone: 714-771-6900
Fax: 714-538-1209

LAB REQUEST: 102763

CLIENT: Foster Wheeler Environmental Corp.

TABLE OF CONTENTS

EPA 8015M - Total Petroleum Hydrocarbons ..... 1 - 64

EPA 8015 - Carbon Chain I ..... 65 - 114

EPA 8260 - Volatile Organic Compounds ..... 115 - 161

EPA 8270 - Acid & Base/Neutral Extractables ..... 162 - 216

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102763

CHAIN OF CUSTODY RECORD

Date 11-25-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 164 Underwriter Rd. 120
Aliso Viejo, CA. 92330
PROJECT NAME FT-31

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature)

Samples Intact Yes ✓ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ✓ Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	SAMPLE TYPE AIR	SAMPLE TYPE SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX29	FT-31	11-25-02	0937			X	4		See Attachment
FT31EX30		11-25-02	0949			X	4		
FT31EX30D		11-25-02	1000			X	4		
FT31EX31		11-25-02	1014			X	4		
FT31EX32		11-25-02	1032			X	4		
FT31EX33		11-25-02	1050			X	4		
FT31EX34		11-25-02	1107			X	4		
FT31EX35		11-25-02	1120			X	4		

Relinquished by: (Signature) 11-25-02 1600
Received by: (Signature) Fed-ex
Date/Time

Relinquished by: (Signature) Fed-ex
Received by Laboratory for analysis: (Signature) Kr. Hulsey
Date/Time 11:00 11-26-02

Special Instructions: Fax results to (505) 679-2120
Shipper # 835776726760

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

2 11-27-02 Gin

EPA 8015M:

Total Petroleum Hydrocarbons

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

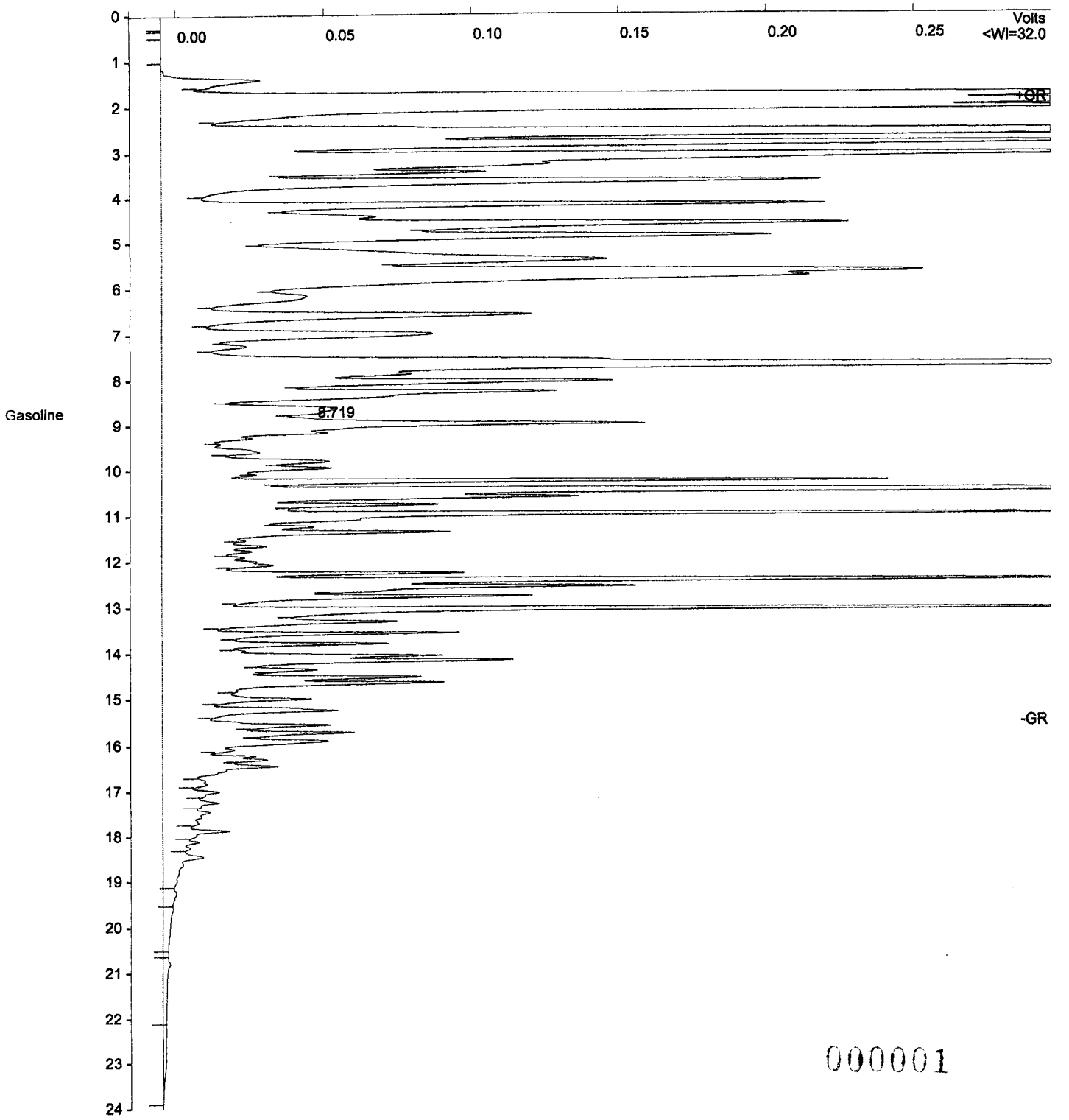
Injection Date: 11/27/02 8:52 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000001

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/27/02 8:52 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8086	8.719	0.001	7983228	GR	0.0	
	Totals:	4.8086		0.001	7983228			

Total Unidentified Counts : 855816 counts

Detected Peaks: 62 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4939 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

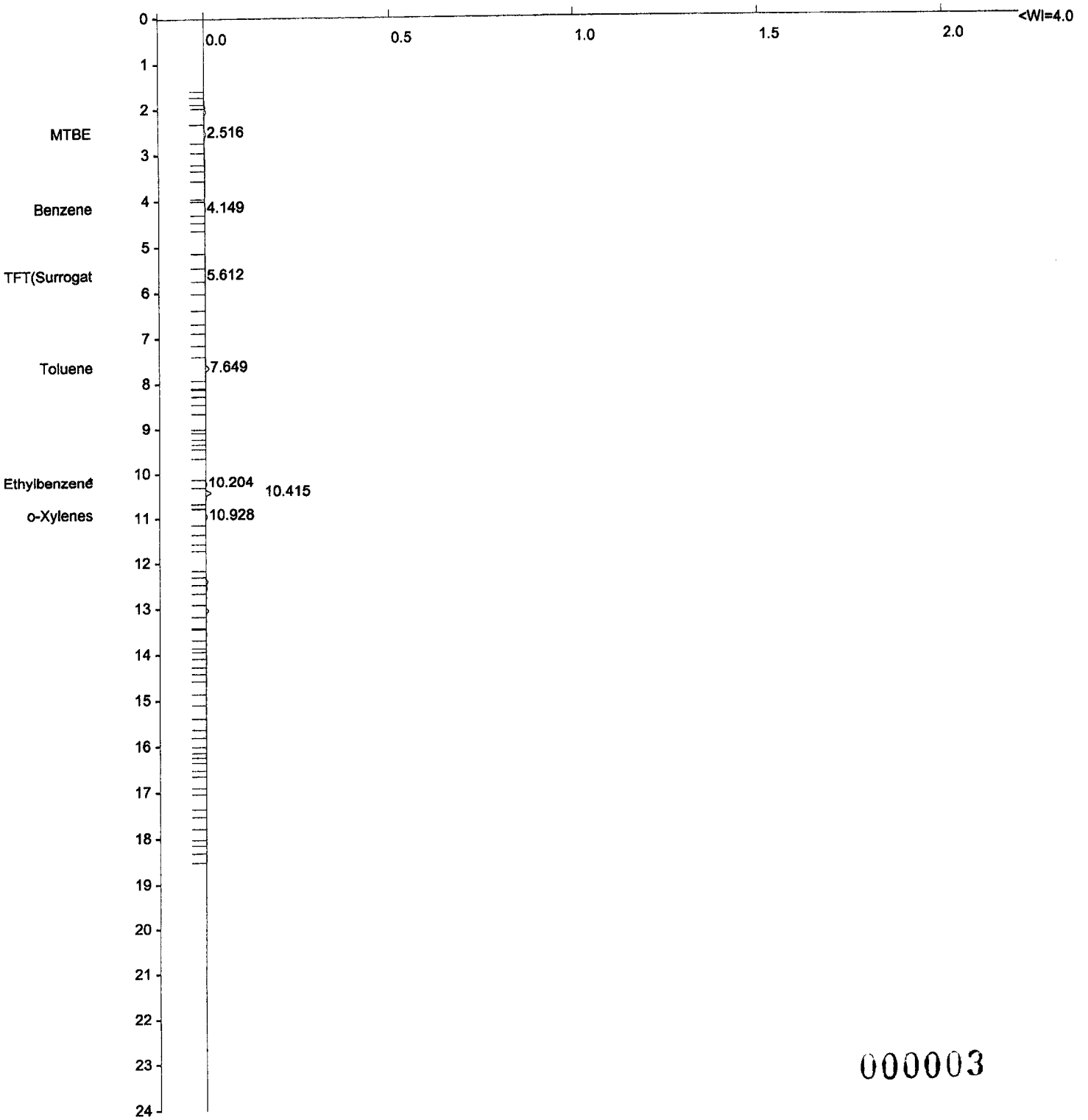
Injection Date: 11/27/02 8:52 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/27/02 8:52 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.516	-0.011	3564	VV	7.2	
2	Benzene	0.0000	4.149	-0.025	1195	BB	5.7	
3	TFT(Surrogat	0.2649	5.612	0.022	1485	VV	9.3	C
4	Toluene	0.0000	7.649	-0.009	6868	BP	5.2	
5	Ethylbenzene	0.0000	10.204	-0.006	1361	BV	4.0	
6	p,m-Xylenes	0.0000	10.415	0.005	7340	VV	4.3	
7	o-Xylenes	0.0000	10.928	-0.007	2289	VB	3.9	
	Totals:	0.2649		-0.031	24102			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 16434 counts

Detected Peaks: 64 Rejected Peaks: 48 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -59 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

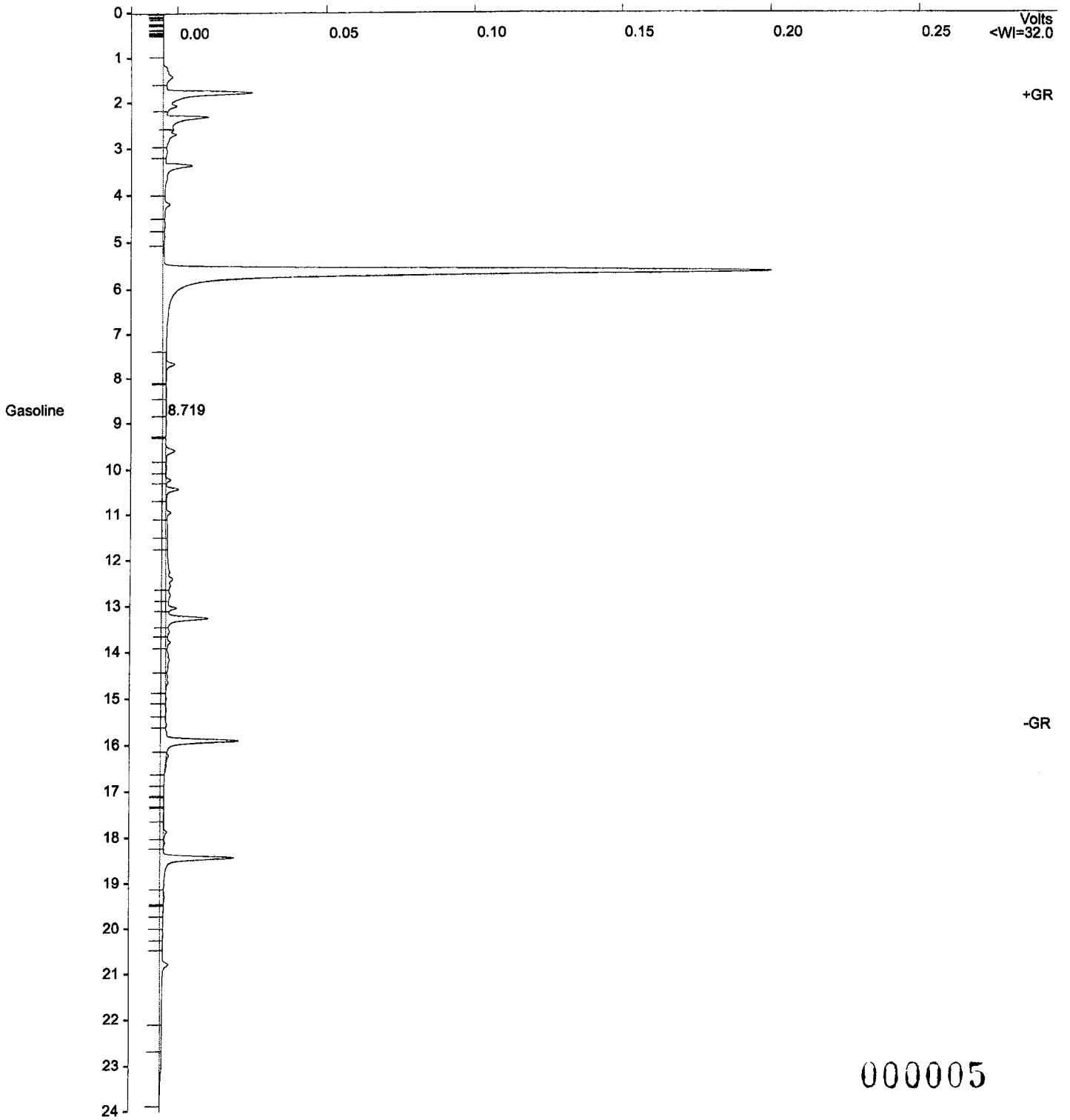
Injection Date: 11/27/02 9:32 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

Injection Date: 11/27/02 9:32 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2085	8.719	0.001	346099	GR	0.0	
	Totals:	0.2085		0.001	346099			

Total Unidentified Counts : 108545 counts

Detected Peaks: 58 Rejected Peaks: 21 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4809 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

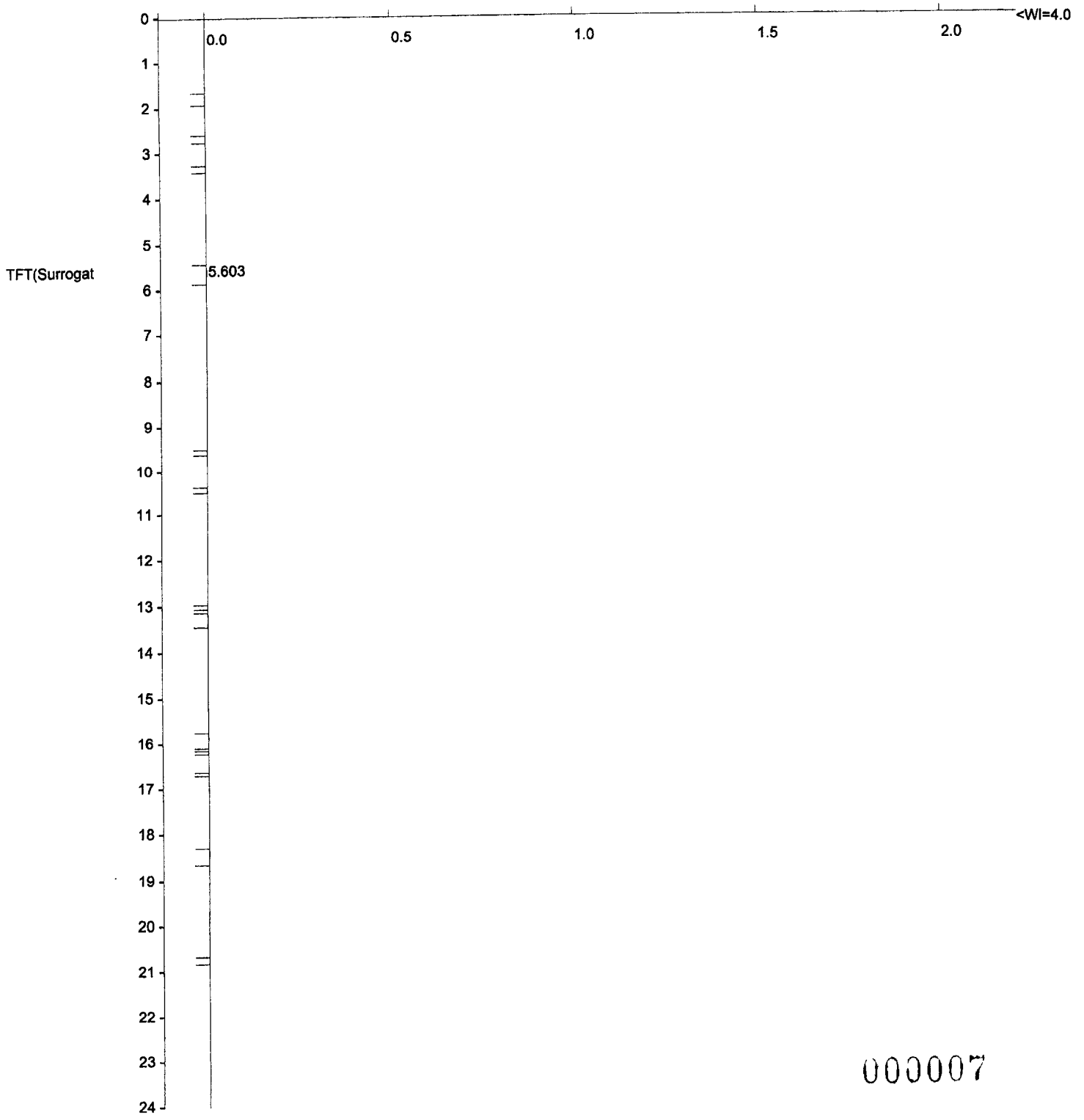
Injection Date: 11/27/02 9:32 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

Injection Date: 11/27/02 9:32 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2111	5.603	0.013	1183	BB	7.7	
	Totals:	0.2111		0.013	1183			

Total Unidentified Counts : 0 counts

Detected Peaks: 13 Rejected Peaks: 12 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1022.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

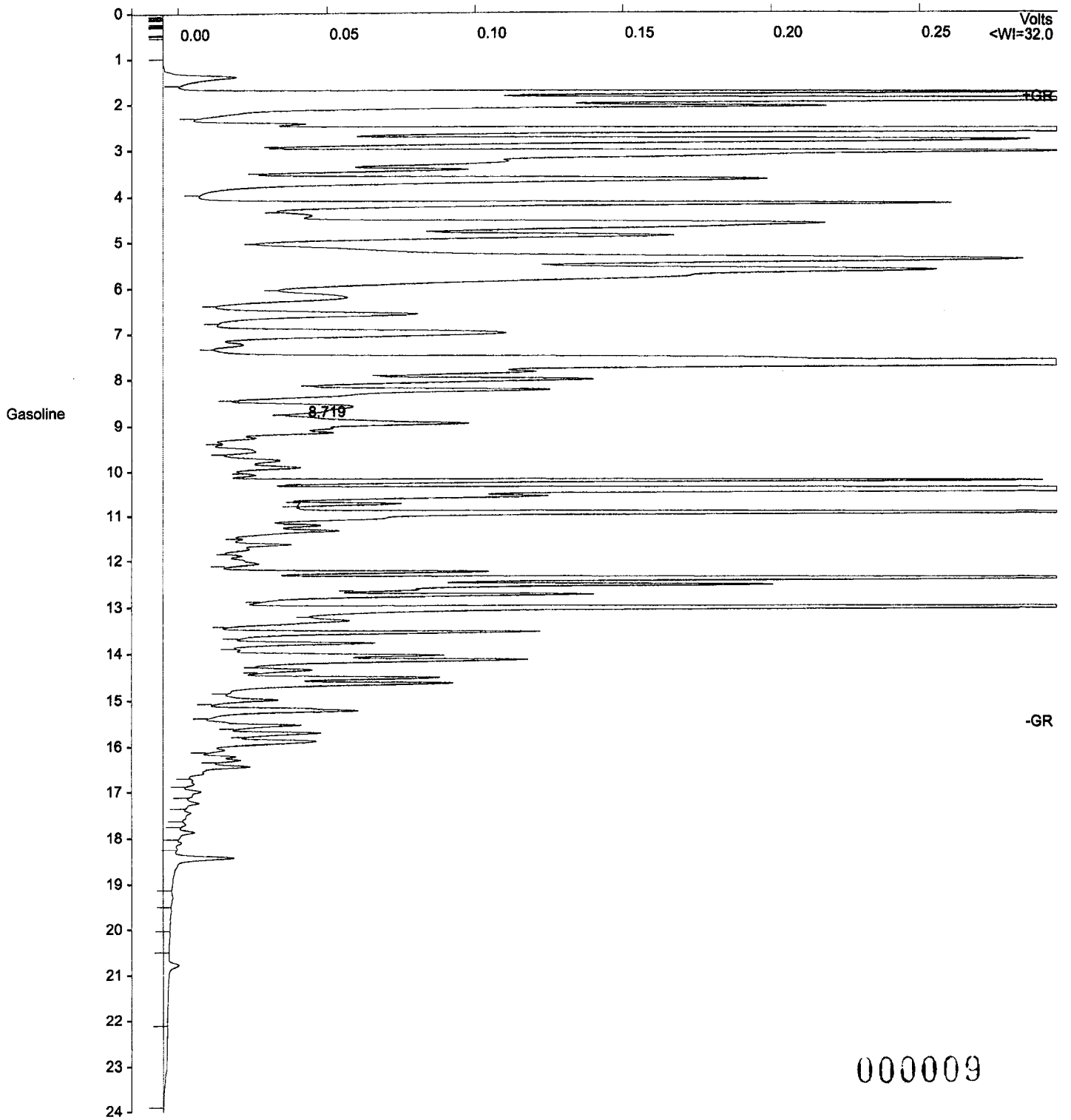
Injection Date: 11/27/02 2:47 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000009

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1022.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

Injection Date: 11/27/02 2:47 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8427	8.719	0.001	8039868	GR	0.0	
	Totals:	4.8427		0.001	8039868			

Total Unidentified Counts : 332049 counts

Detected Peaks: 66 Rejected Peaks: 9 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -5099 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1022.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

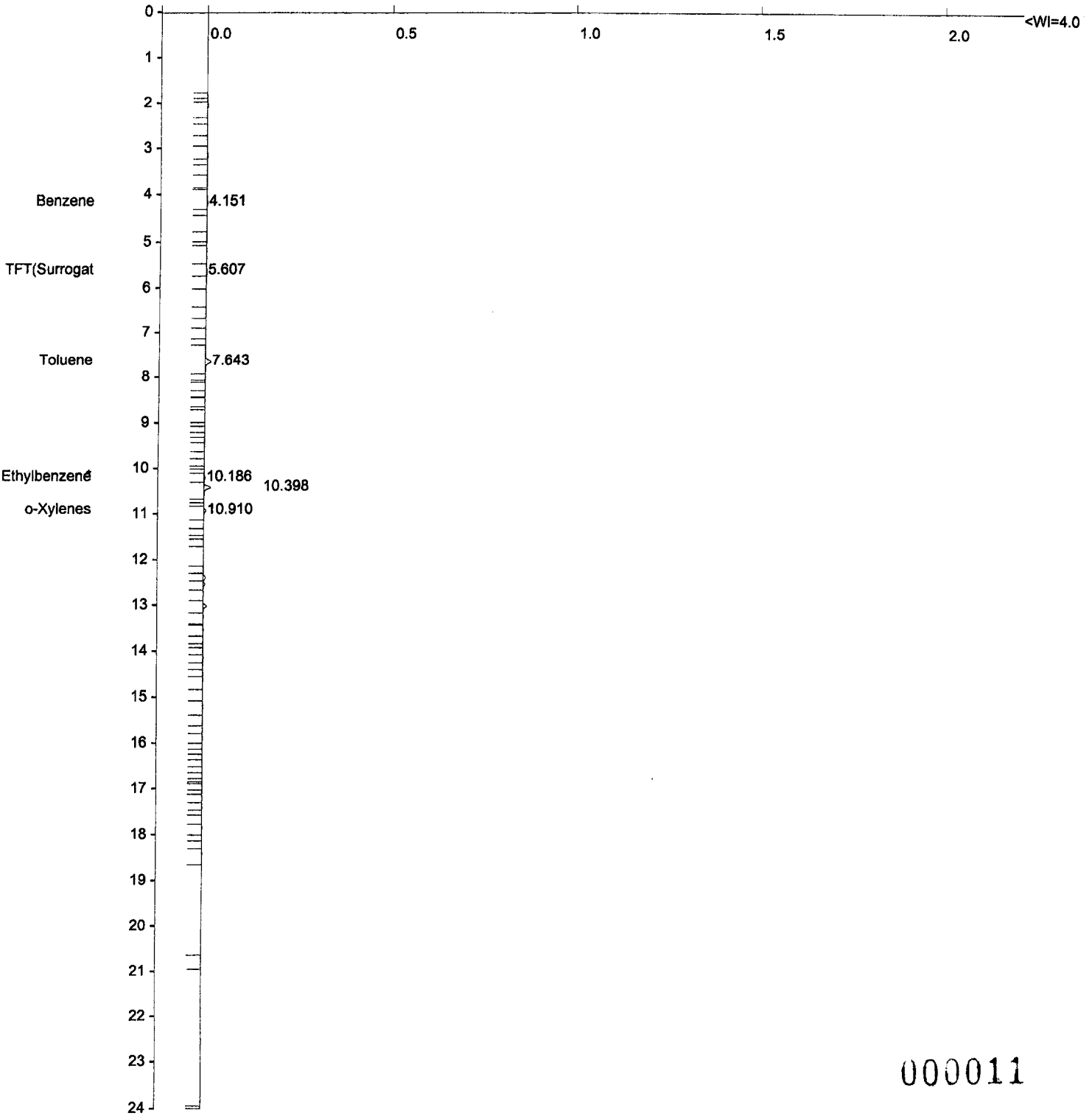
Injection Date: 11/27/02 2:47 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000011

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1022.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

Injection Date: 11/27/02 2:47 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.151	-0.023	1658	VV	5.6	
2	TFT(Surrogat	0.2741	5.607	0.017	1536	VV	10.4	C
3	Toluene	0.0000	7.643	-0.015	10800	BP	5.2	
4	Ethylbenzene	0.0000	10.186	-0.024	1639	PV	4.0	
5	p,m-Xylenes	0.0000	10.398	-0.012	9105	VV	0.0	
6	o-Xylenes	0.0000	10.910	-0.025	2898	VB	4.0	
	Totals:	0.2741		-0.082	27636			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 17062 counts

Detected Peaks: 78 Rejected Peaks: 63 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1023.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

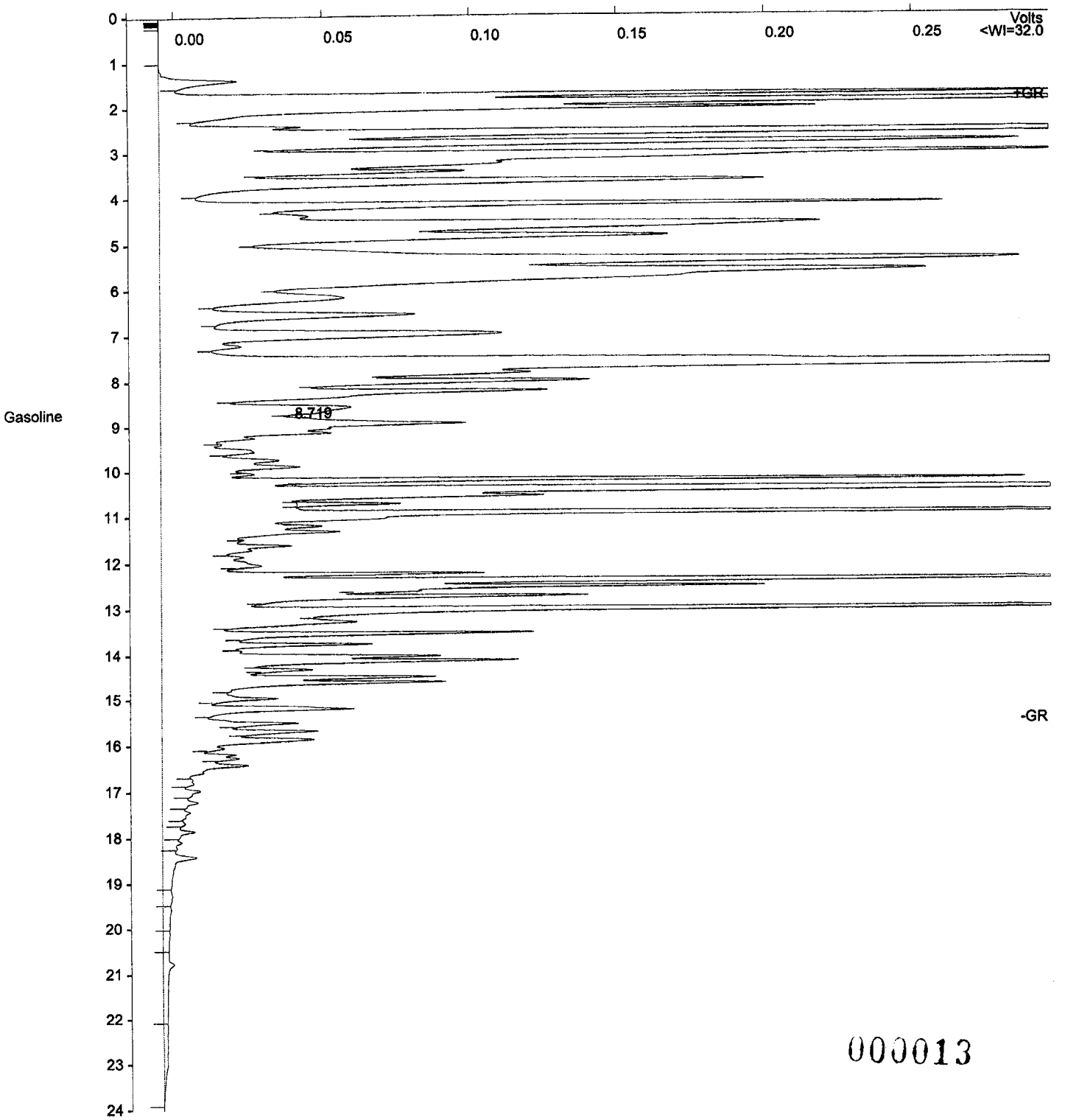
Injection Date: 11/27/02 3:27 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000013

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1023.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

Injection Date: 11/27/02 3:27 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8349	8.719	0.001	8026896	GR	0.0	
	Totals:	4.8349		0.001	8026896			

Total Unidentified Counts : 329902 counts

Detected Peaks: 63 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4899 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1023.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

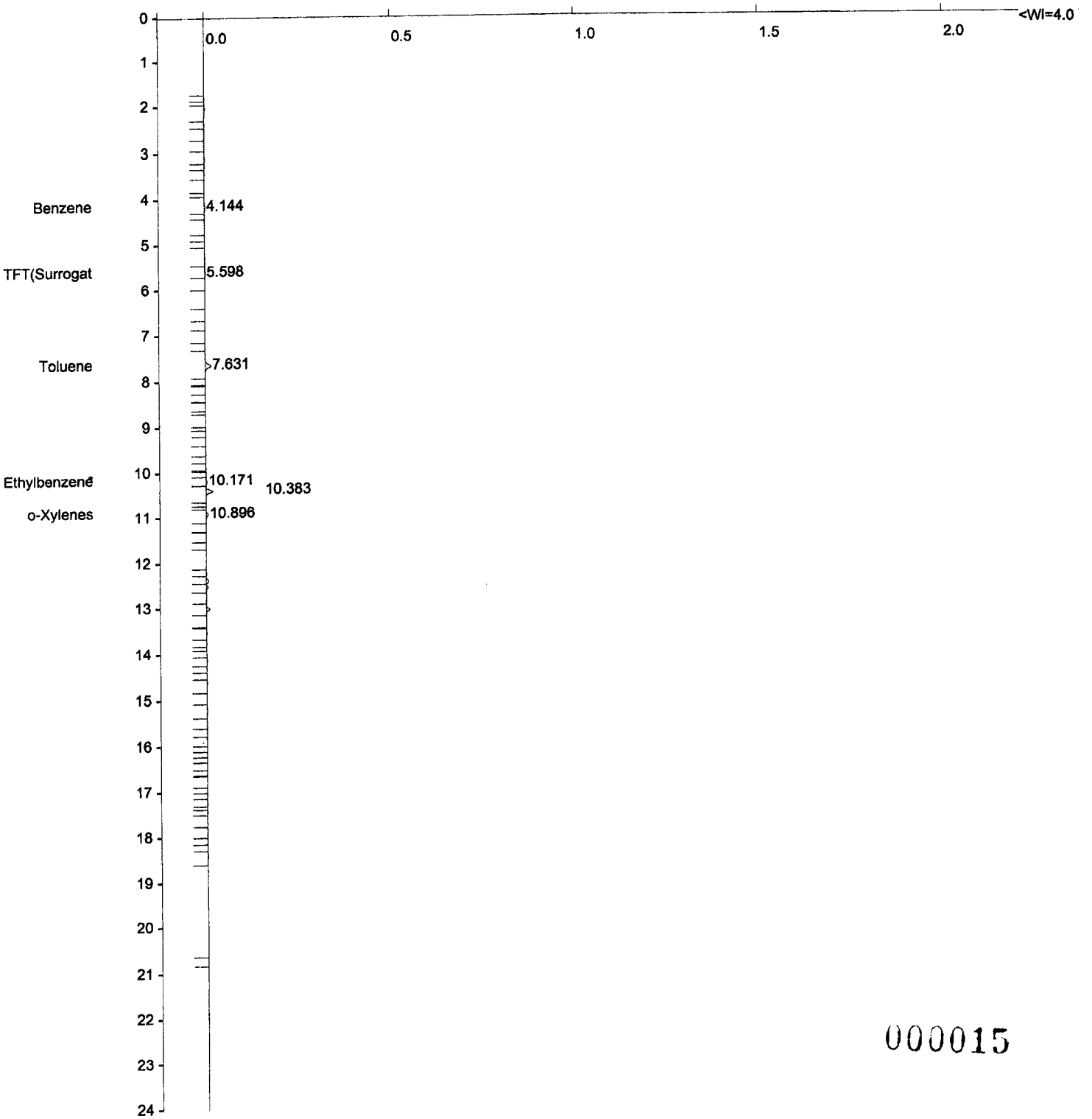
Injection Date: 11/27/02 3:27 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1023.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

Injection Date: 11/27/02 3:27 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.144	-0.030	1643	VV	5.6	
2	TFT(Surrogat	0.2696	5.598	0.008	1511	VV	10.5	C
3	Toluene	0.0000	7.631	-0.027	10990	BP	5.0	
4	Ethylbenzene	0.0000	10.171	-0.039	1623	PV	4.0	
5	p,m-Xylenes	0.0000	10.383	-0.027	9203	VV	0.0	
6	o-Xylenes	0.0000	10.896	-0.039	2862	VB	4.0	
	Totals:	0.2696		-0.154	27832			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 16849 counts

Detected Peaks: 73 Rejected Peaks: 58 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1024.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

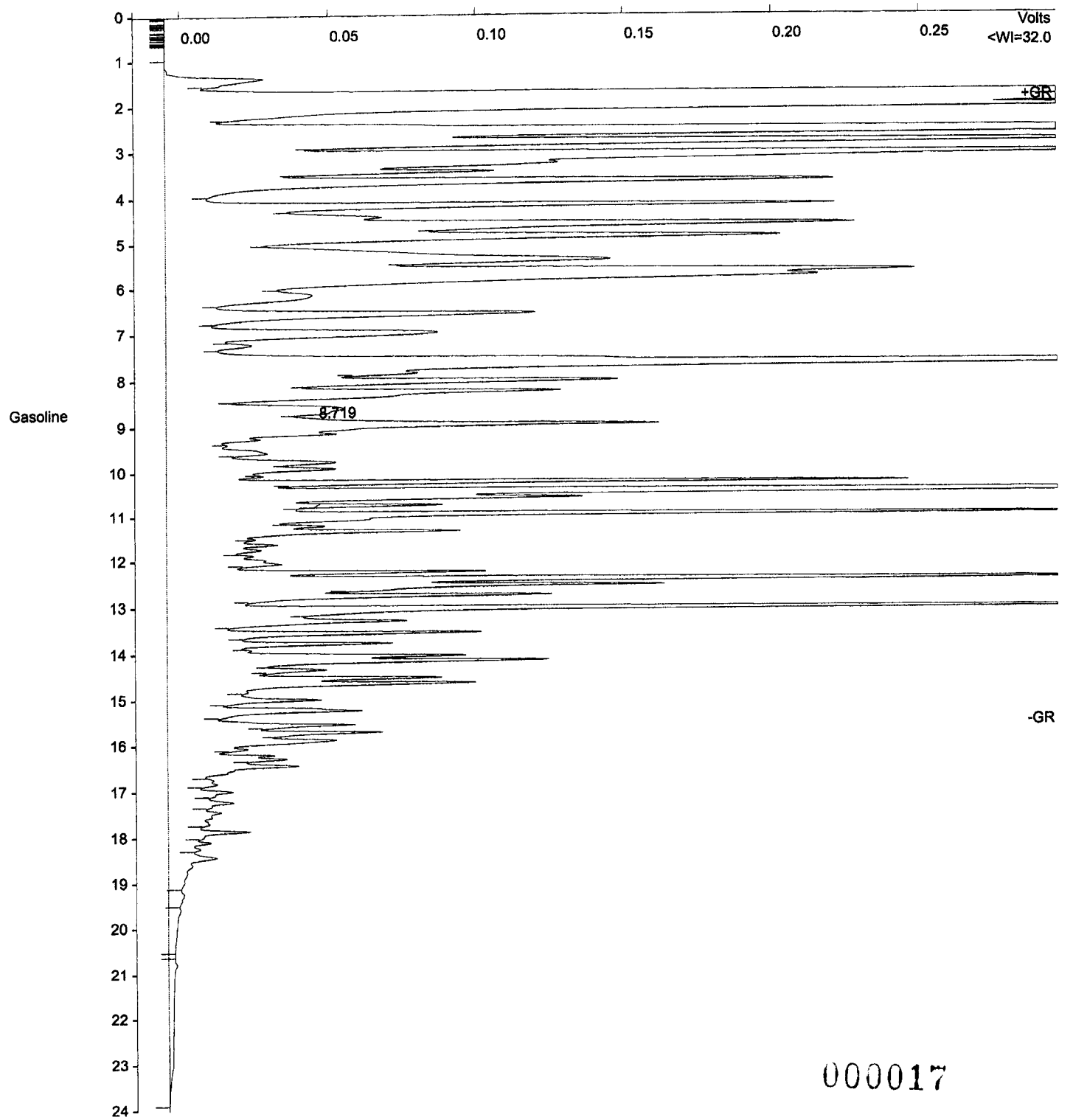
Injection Date: 11/27/02 4:06 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000017

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1024.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/27/02 4:06 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.9505	8.719	0.001	8218936	GR	0.0	
	Totals:	4.9505		0.001	8218936			

Total Unidentified Counts : 891159 counts

Detected Peaks: 76 Rejected Peaks: 18 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4869 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1024.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

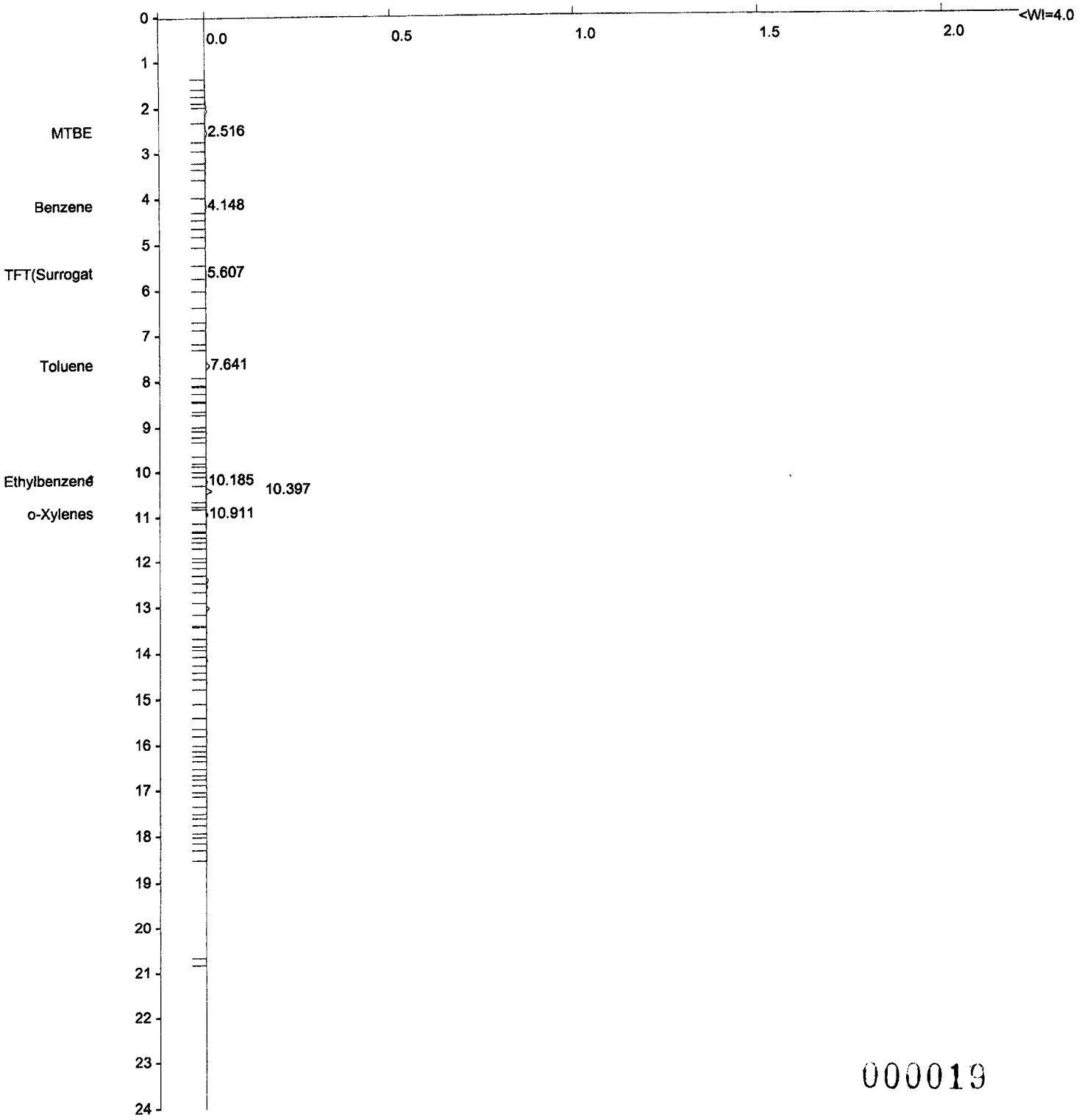
Injection Date: 11/27/02 4:06 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1024.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/27/02 4:06 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.516	-0.011	3684	VV	7.3	
2	Benzene	0.0000	4.148	-0.026	1415	VV	6.0	
3	TFT(Surrogat	0.2629	5.607	0.017	1474	VV	10.8	C
4	Toluene	0.0000	7.641	-0.017	7146	BP	5.2	
5	Ethylbenzene	0.0000	10.185	-0.025	1352	VV	4.1	
6	p,m-Xylenes	0.0000	10.397	-0.013	7494	VV	4.3	
7	o-Xylenes	0.0000	10.911	-0.024	2219	VB	4.0	
	Totals:	0.2629		-0.099	24784			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 18078 counts

Detected Peaks: 82 Rejected Peaks: 65 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1025.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-758-200ul

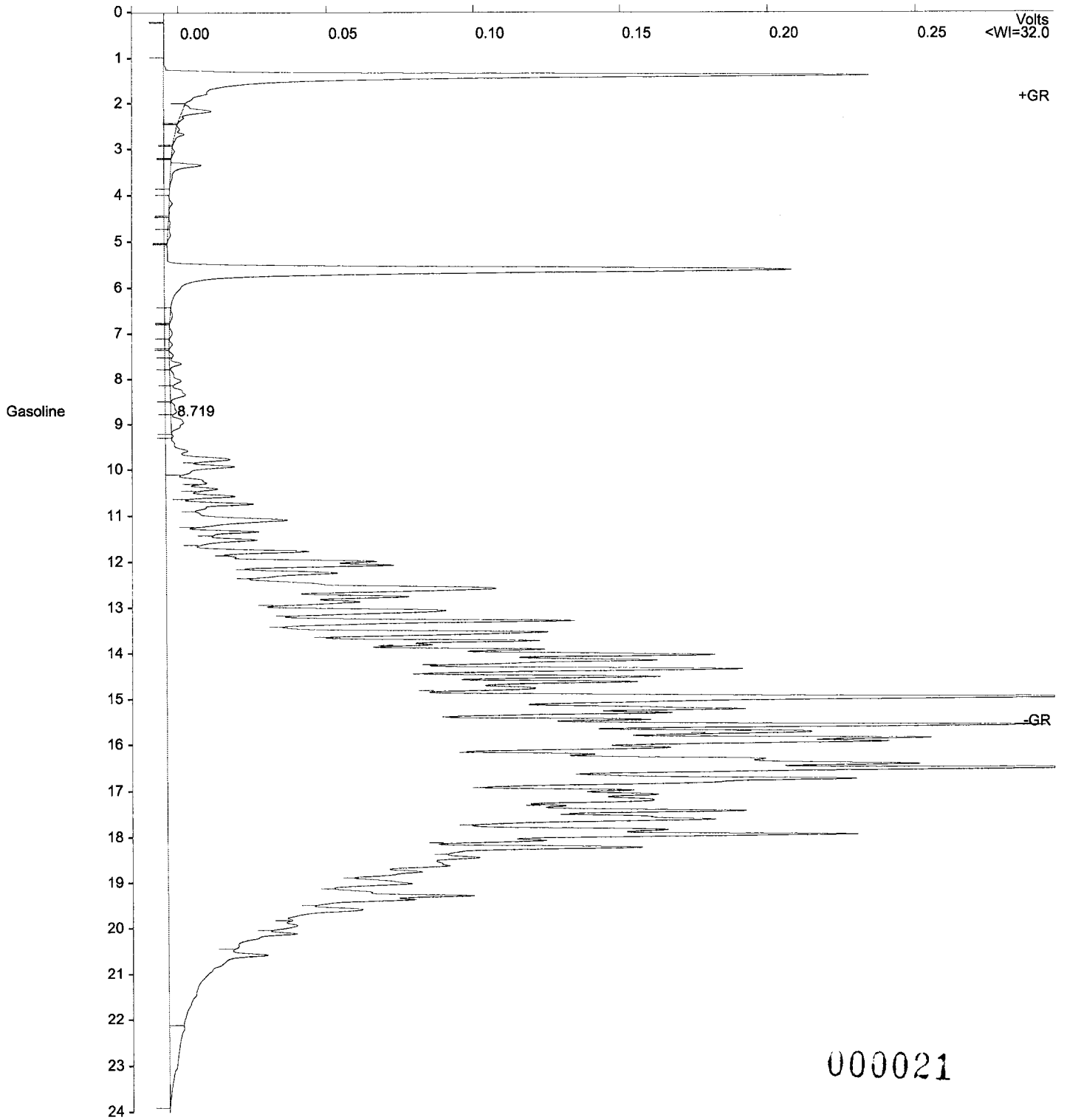
Injection Date: 11/27/02 5:26 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000021

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1025.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-758-200ul

Injection Date: 11/27/02 5:26 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	1.5833	8.719	0.001	2628691	GR	0.0	
	Totals:	1.5833		0.001	2628691			

Total Unidentified Counts : 4134817 counts

Detected Peaks: 61 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4749 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1025.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-758-200ul

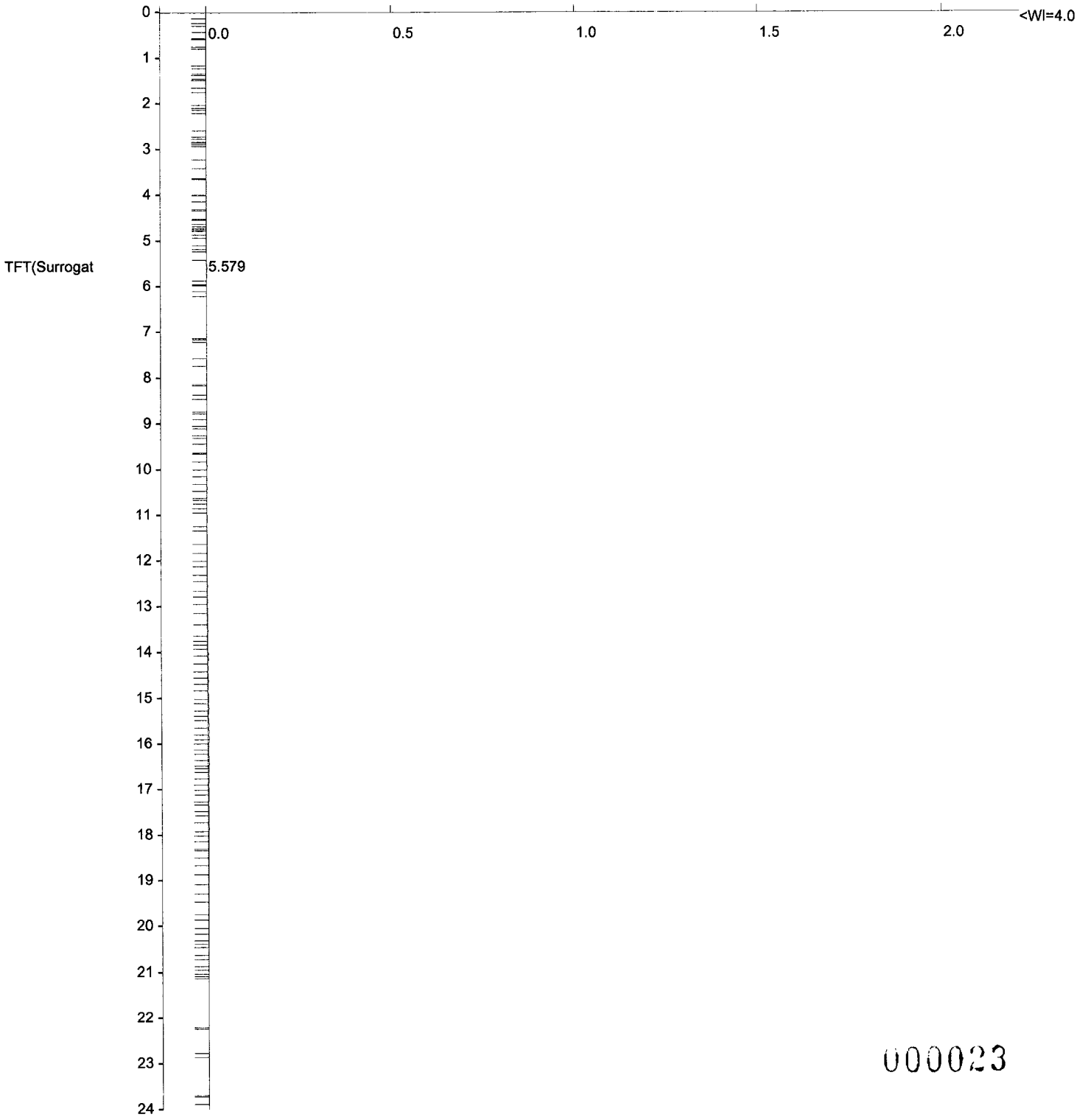
Injection Date: 11/27/02 5:26 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000023

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1025.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-758-200ul

Injection Date: 11/27/02 5:26 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2207	5.579	-0.011	1237	BB	7.6	C
	Totals:	0.2207		-0.011	1237			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 43552 counts

Detected Peaks: 133 Rejected Peaks: 100 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1026.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-752-5.0

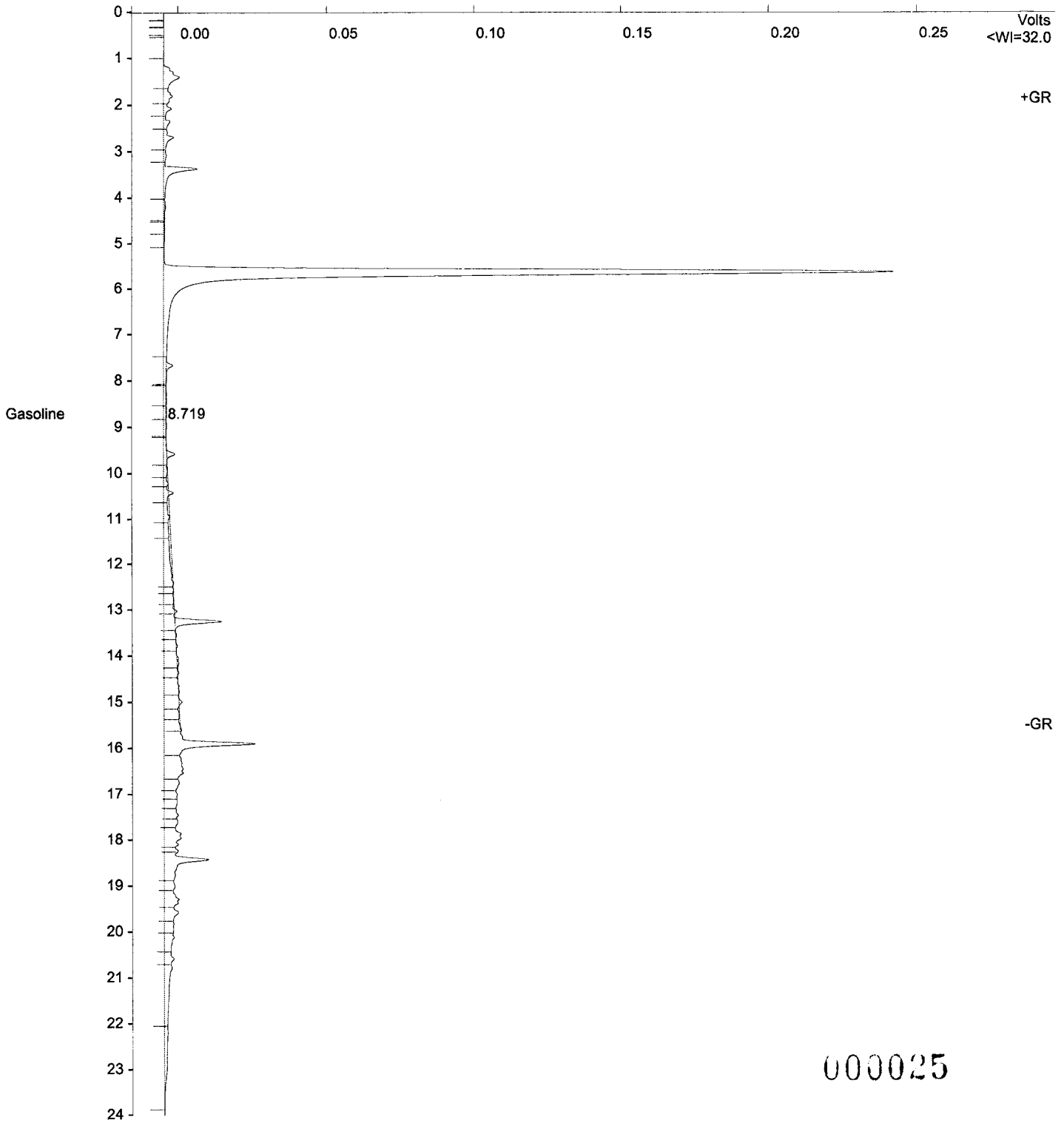
Injection Date: 11/27/02 6:06 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1026.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-752-5.0

Injection Date: 11/27/02 6:06 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2411	8.719	0.001	400195	GR	0.0	
	Totals:	0.2411		0.001	400195			

Total Unidentified Counts : 177637 counts

Detected Peaks: 55 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4779 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1026.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-752-5.0

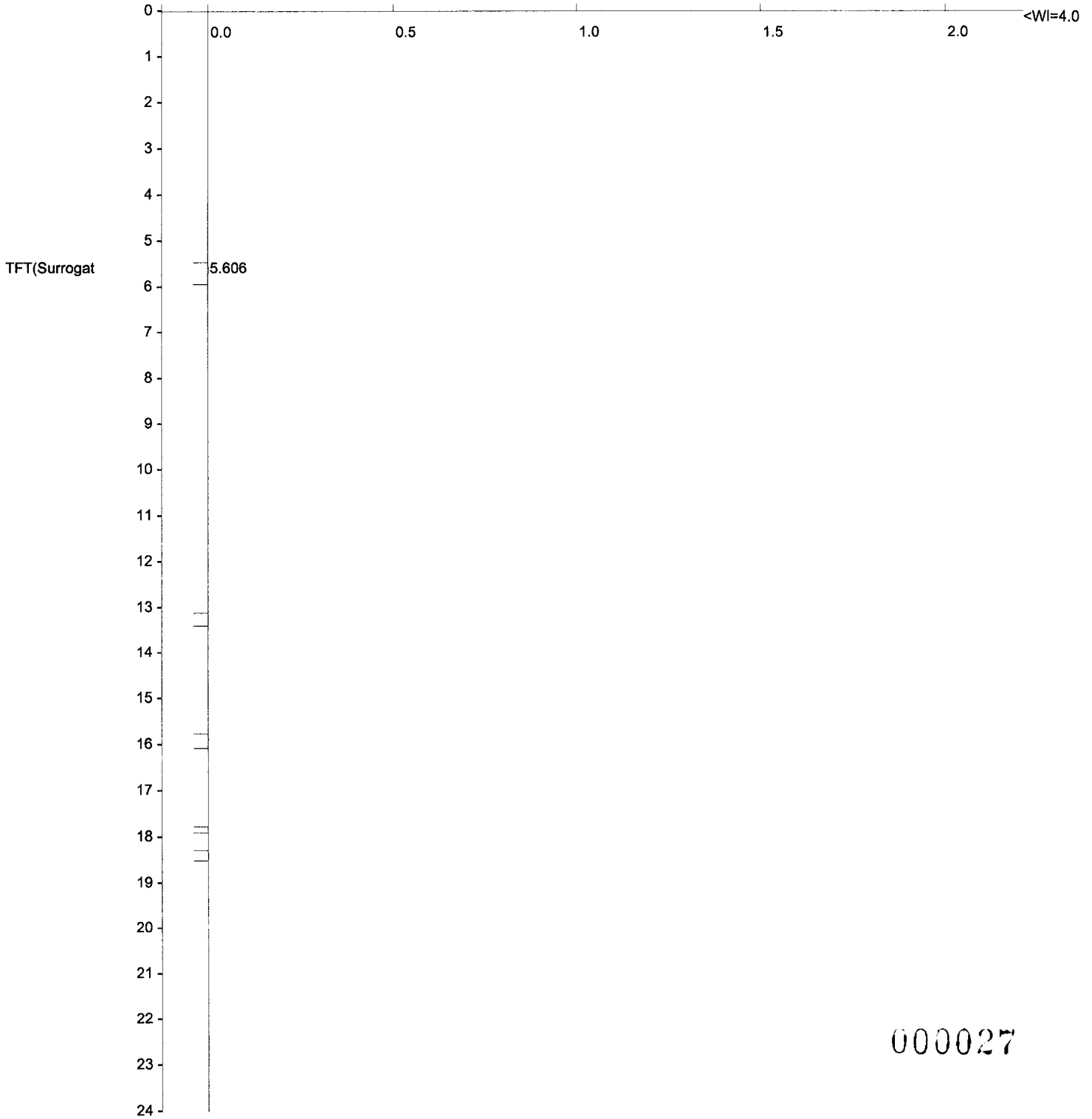
Injection Date: 11/27/02 6:06 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000027

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1026.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-752-5.0

Injection Date: 11/27/02 6:06 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2428	5.606	0.016	1361	BB	7.6	C
	Totals:	0.2428		0.016	1361			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 5 Rejected Peaks: 4 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1027.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-753-5.0

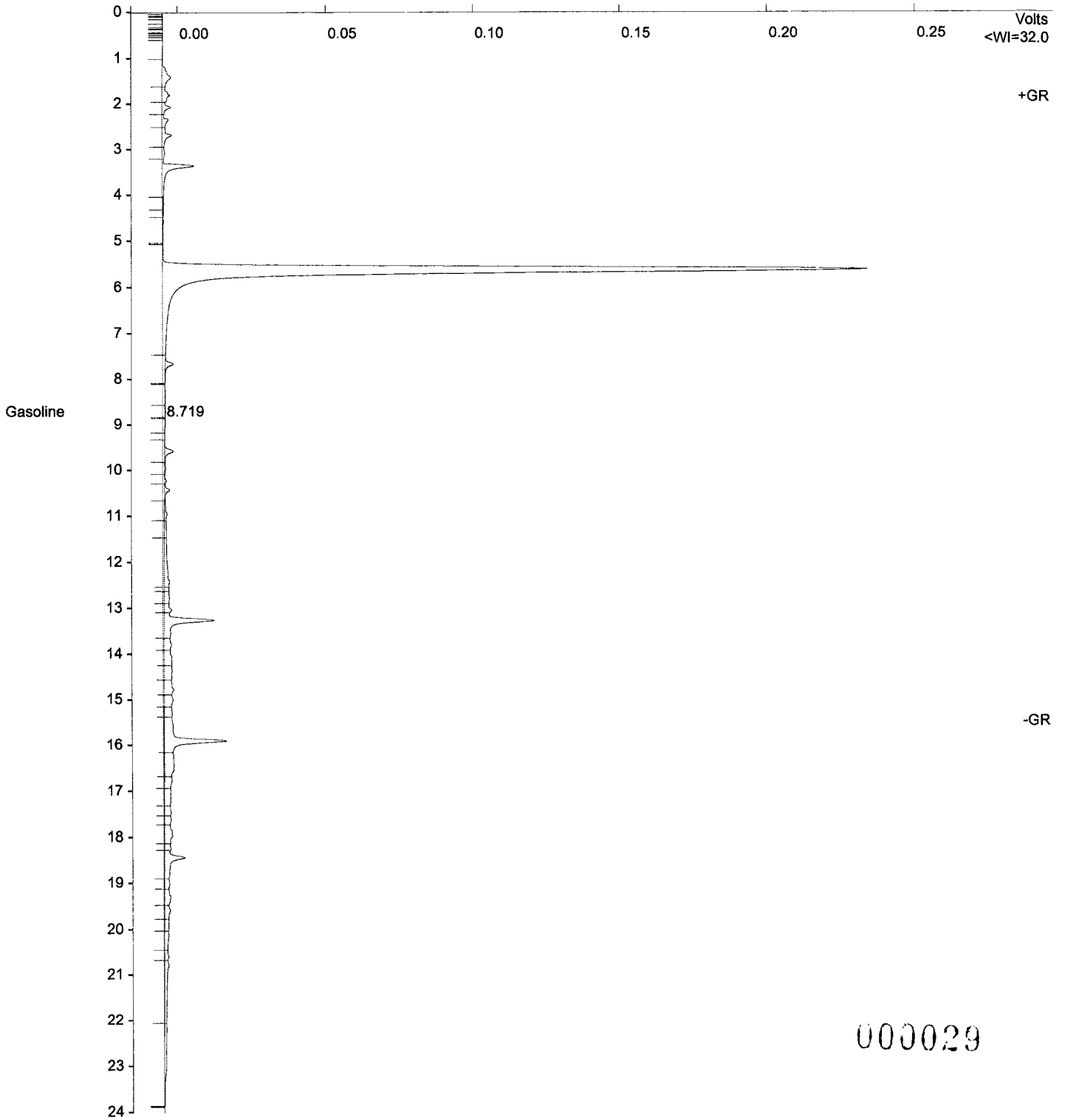
Injection Date: 11/27/02 6:45 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1027.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-753-5.0

Injection Date: 11/27/02 6:45 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2145	8.719	0.001	356049	GR	0.0	
	Totals:	0.2145		0.001	356049			

Total Unidentified Counts : 94370 counts

Detected Peaks: 59 Rejected Peaks: 11 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4939 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1027.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-753-5.0

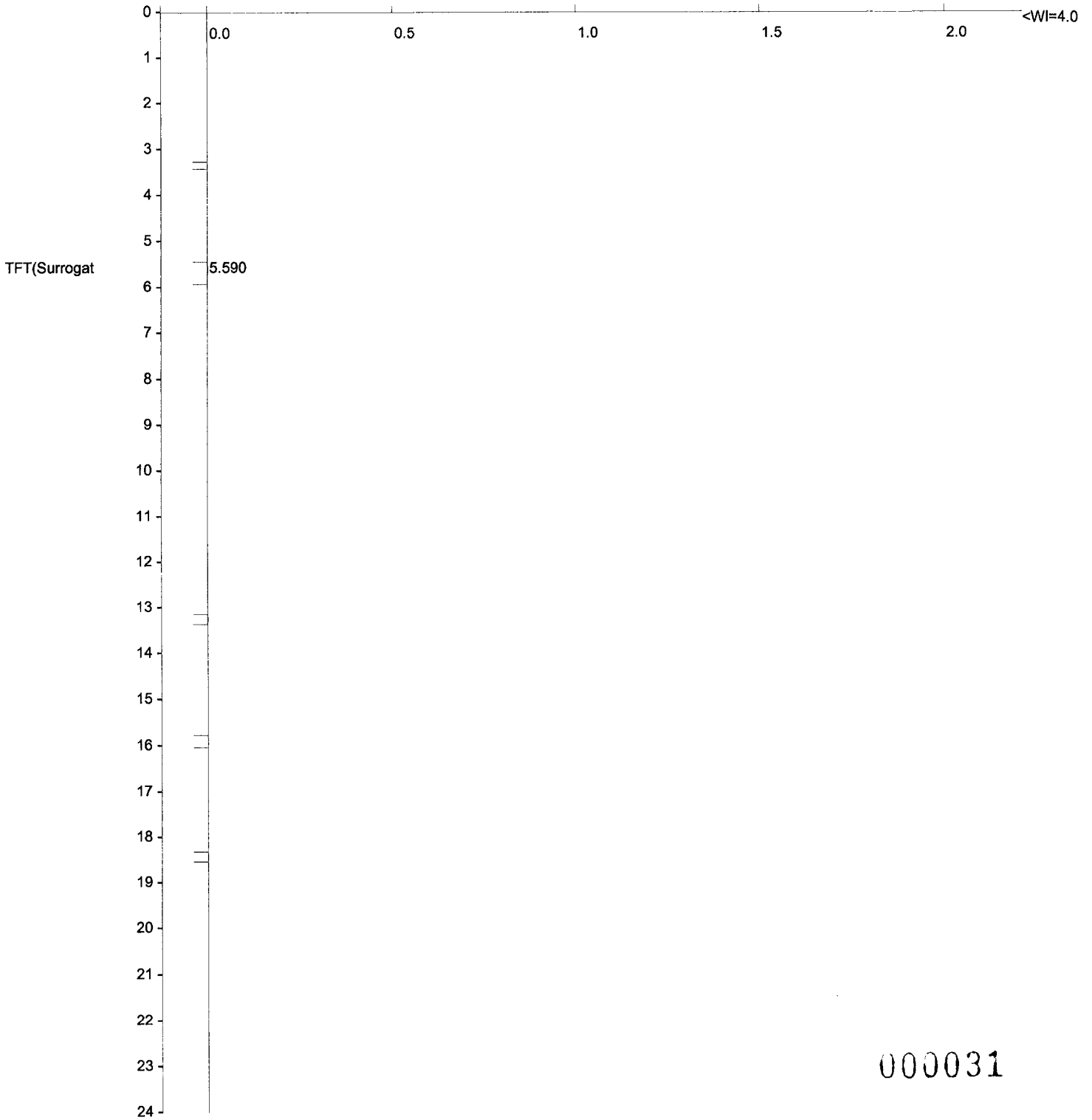
Injection Date: 11/27/02 6:45 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000031

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1027.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-753-5.0

Injection Date: 11/27/02 6:45 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2389	5.590	0.000	1339	BB	7.7	C
	Totals:	0.2389		0.000	1339			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 5 Rejected Peaks: 4 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1028.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-754-5.0

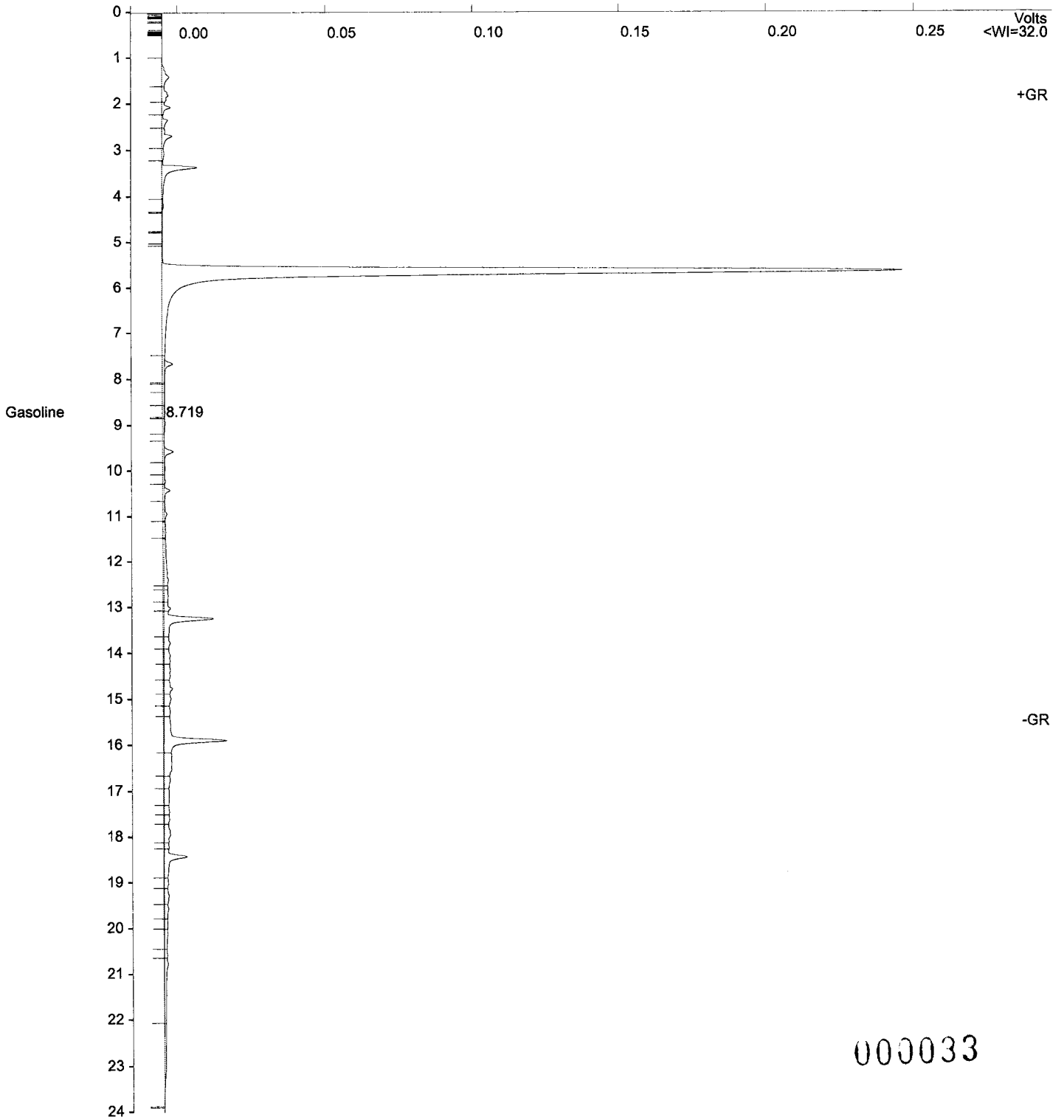
Injection Date: 11/27/02 7:25 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000033

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1028.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-754-5.0

Injection Date: 11/27/02 7:25 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2100	8.719	0.001	348595	GR	0.0	
	Totals:	0.2100		0.001	348595			

Total Unidentified Counts : 80575 counts

Detected Peaks: 63 Rejected Peaks: 13 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -5039 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1028.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-754-5.0

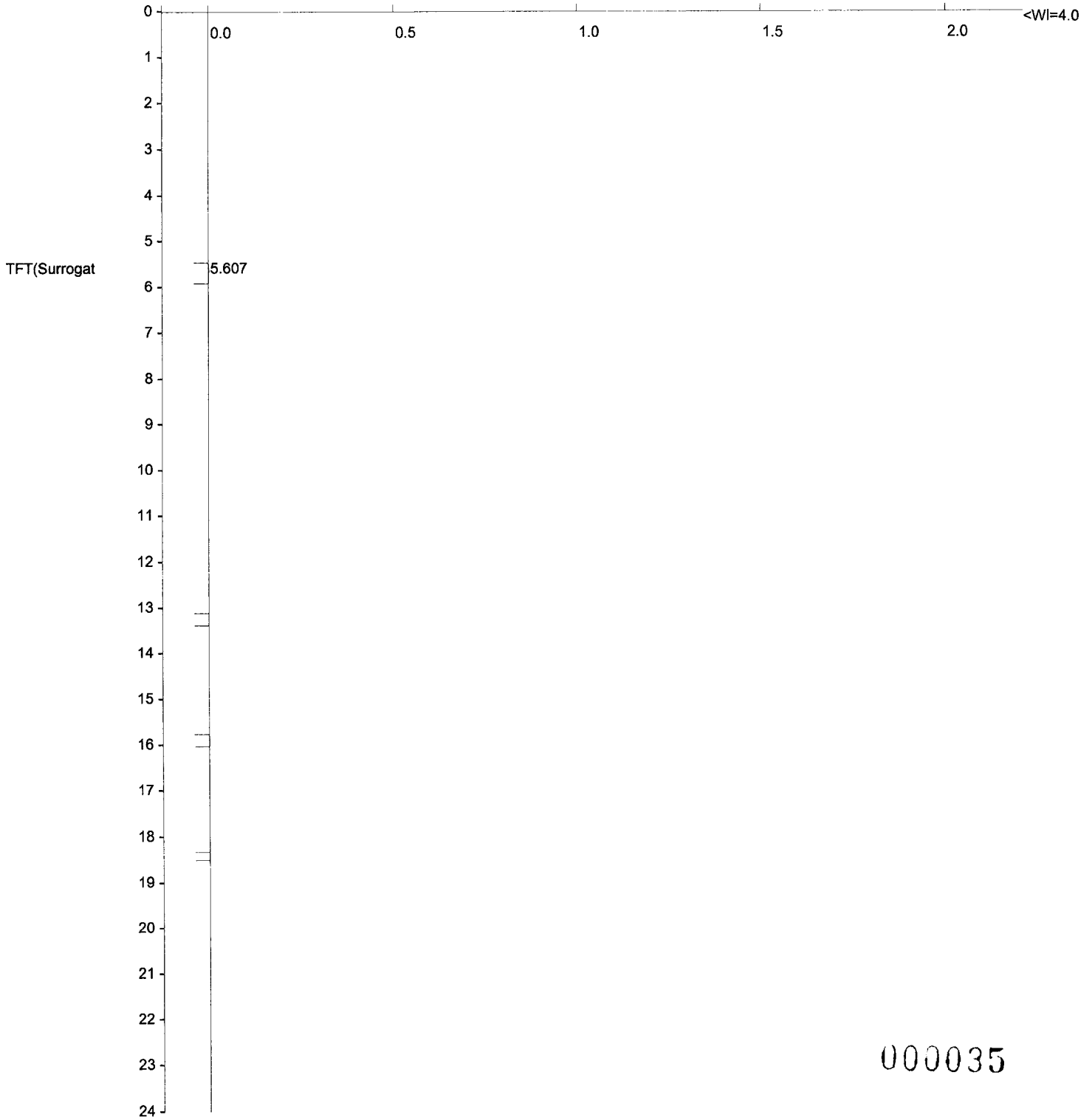
Injection Date: 11/27/02 7:25 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000035

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1028.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-754-5.0

Injection Date: 11/27/02 7:25 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2436	5.607	0.016	1366	BB	7.5	C
	Totals:	0.2436		0.016	1366			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 0 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1029.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-755-5.0

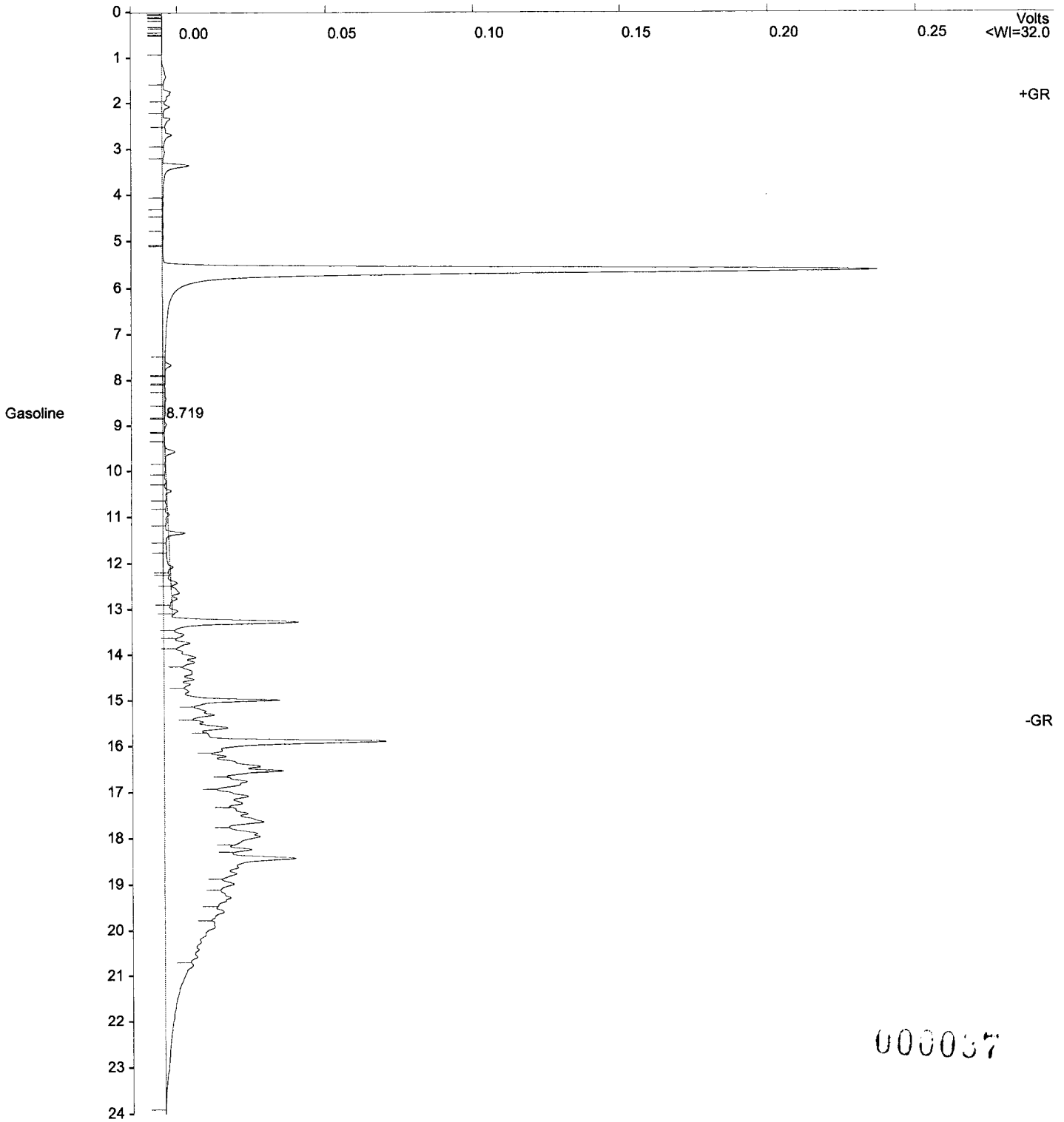
Injection Date: 11/27/02 8:04 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000037

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1029.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-755-5.0

Injection Date: 11/27/02 8:04 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2712	8.719	0.001	450295	GR	0.0	
	Totals:	0.2712		0.001	450295			

Total Unidentified Counts : 755217 counts

Detected Peaks: 59 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -5049 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1029.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-755-5.0

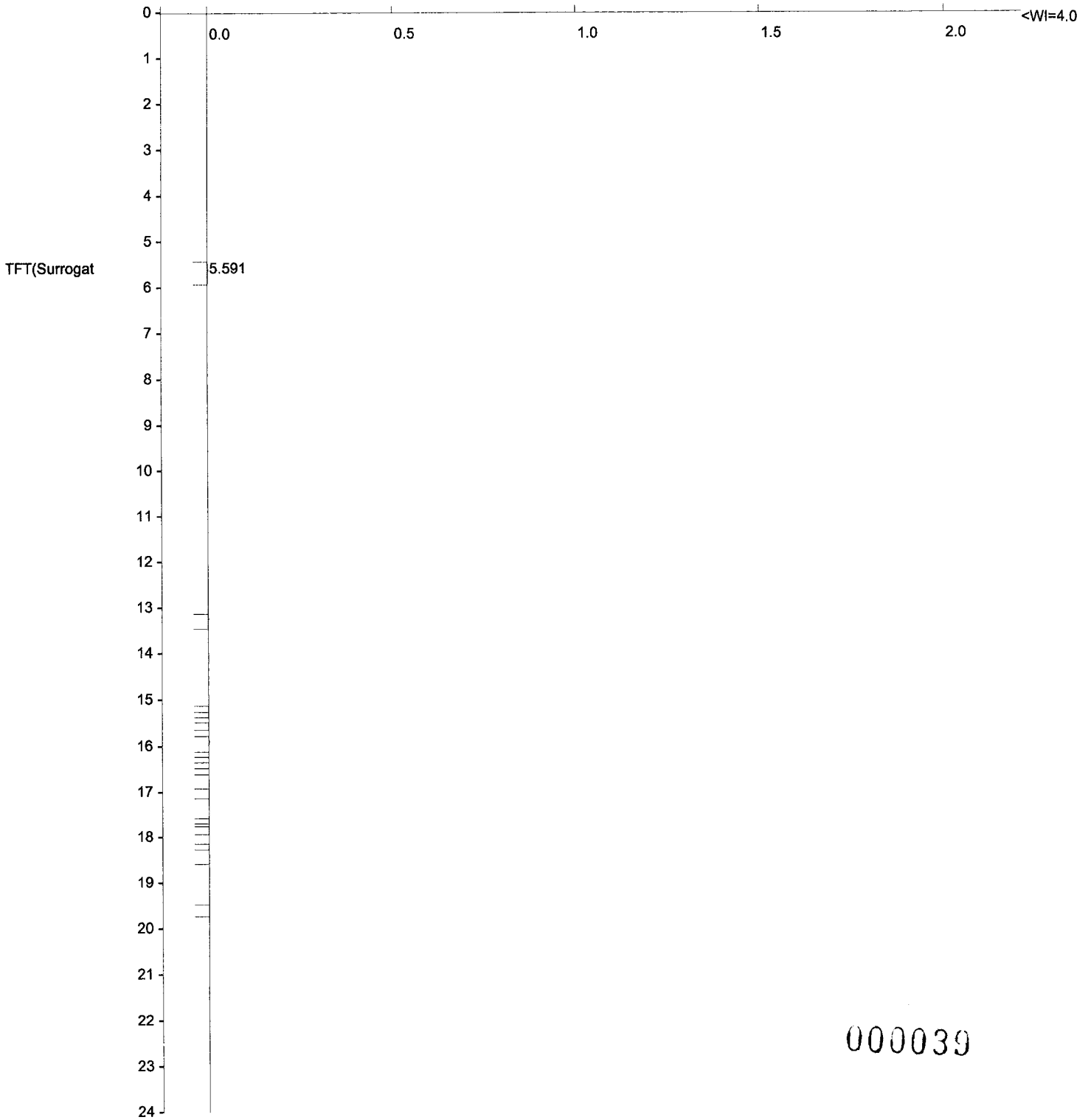
Injection Date: 11/27/02 8:04 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000039

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1029.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-755-5.0

Injection Date: 11/27/02 8:04 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2421	5.591	0.001	1357	BB	7.6	C
	Totals:	0.2421		0.001	1357			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 1052 counts

Detected Peaks: 16 Rejected Peaks: 14 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -9 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1030.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-756-5.0

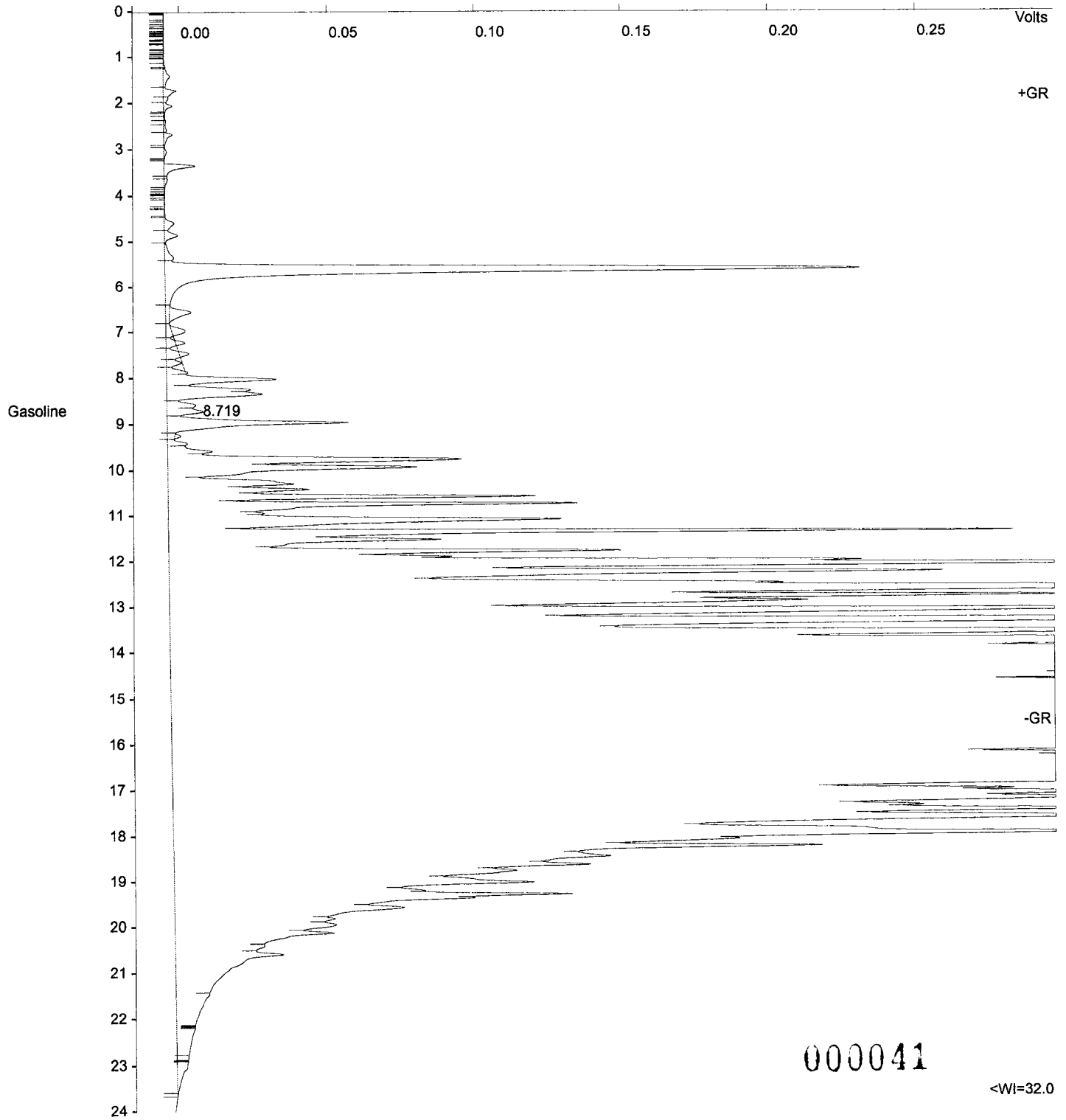
Injection Date: 11/27/02 8:44 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000041

<WI=32.0

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1030.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-756-5.0

Injection Date: 11/27/02 8:44 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.3429	8.719	0.001	8870280	GR	0.0	
	Totals:	5.3429		0.001	8870280			

Total Unidentified Counts : 6999550 counts

Detected Peaks: 156 Rejected Peaks: 33 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -5039 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1030.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-756-5.0

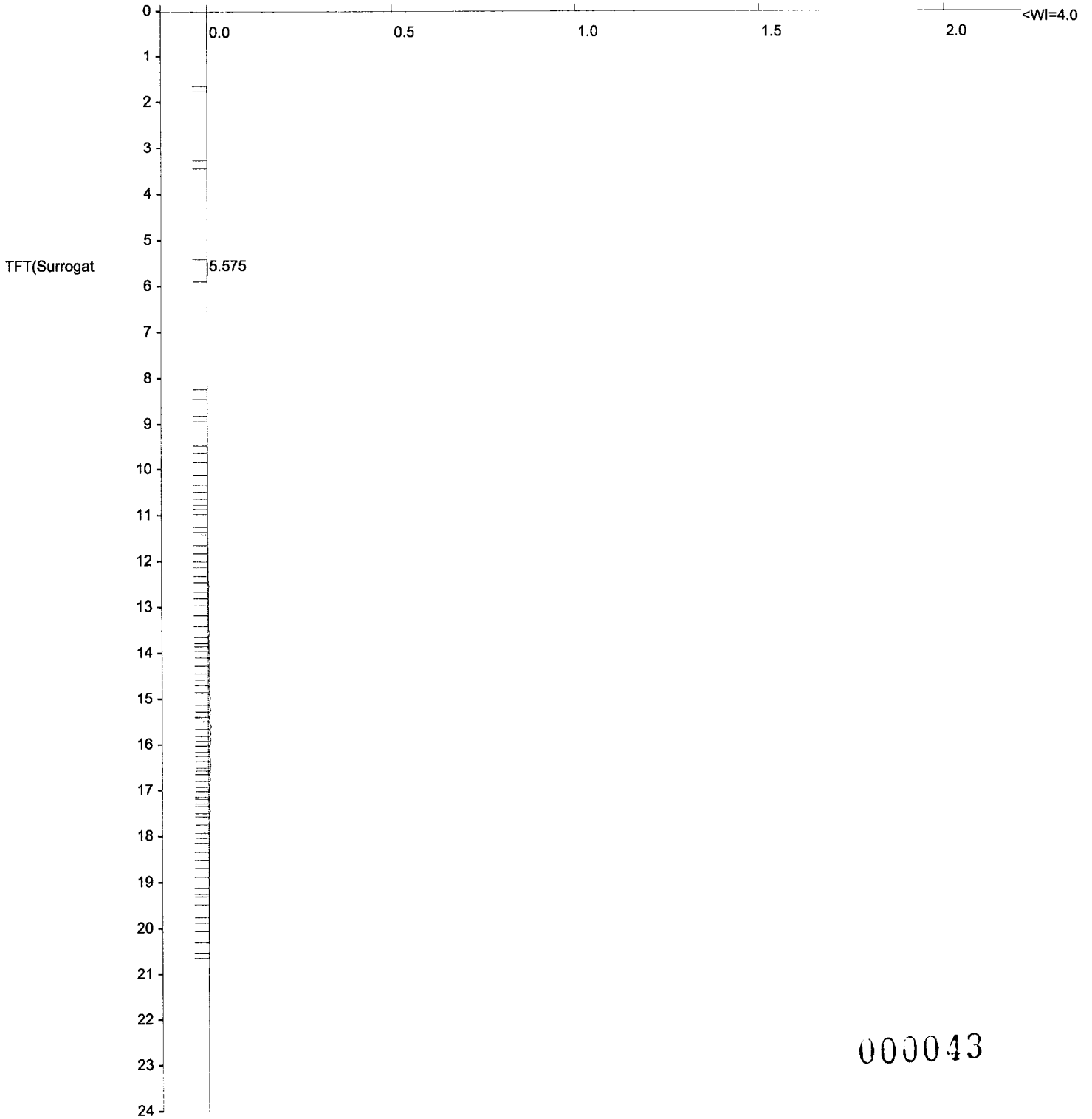
Injection Date: 11/27/02 8:44 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000043

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1030.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-756-5.0

Injection Date: 11/27/02 8:44 PM Calculation Date: 12/2/02 8:42 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2313	5.575	-0.015	1297	BB	7.6	C
	Totals:	0.2313		-0.015	1297			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 94314 counts

Detected Peaks: 78 Rejected Peaks: 32 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1031.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-757-5.0

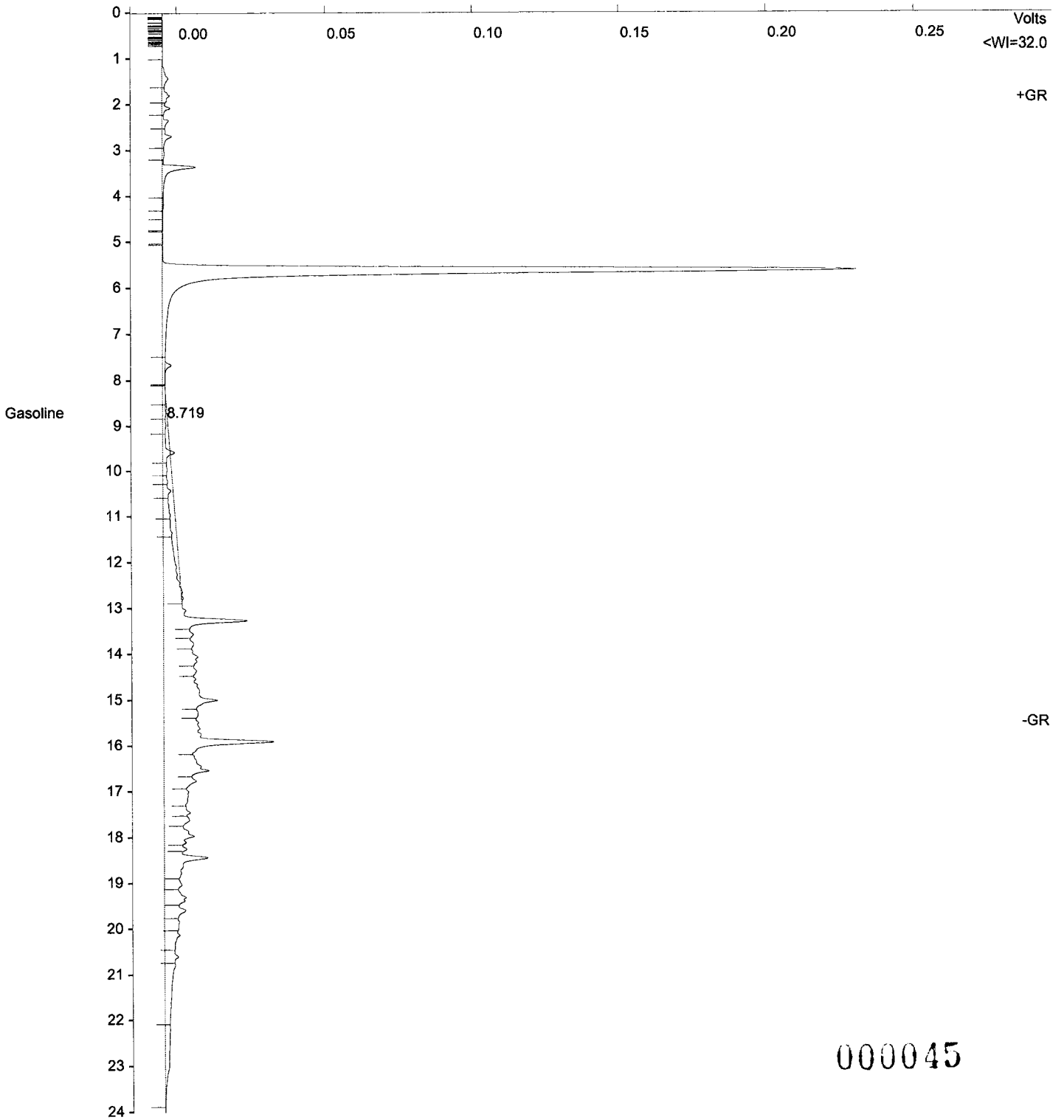
Injection Date: 11/27/02 9:23 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000045

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1031.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-757-5.0

Injection Date: 11/27/02 9:23 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2940	8.719	0.001	488115	GR	0.0	
	Totals:	0.2940		0.001	488115			

Total Unidentified Counts : 290666 counts

Detected Peaks: 65 Rejected Peaks: 19 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4689 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1031.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-757-5.0

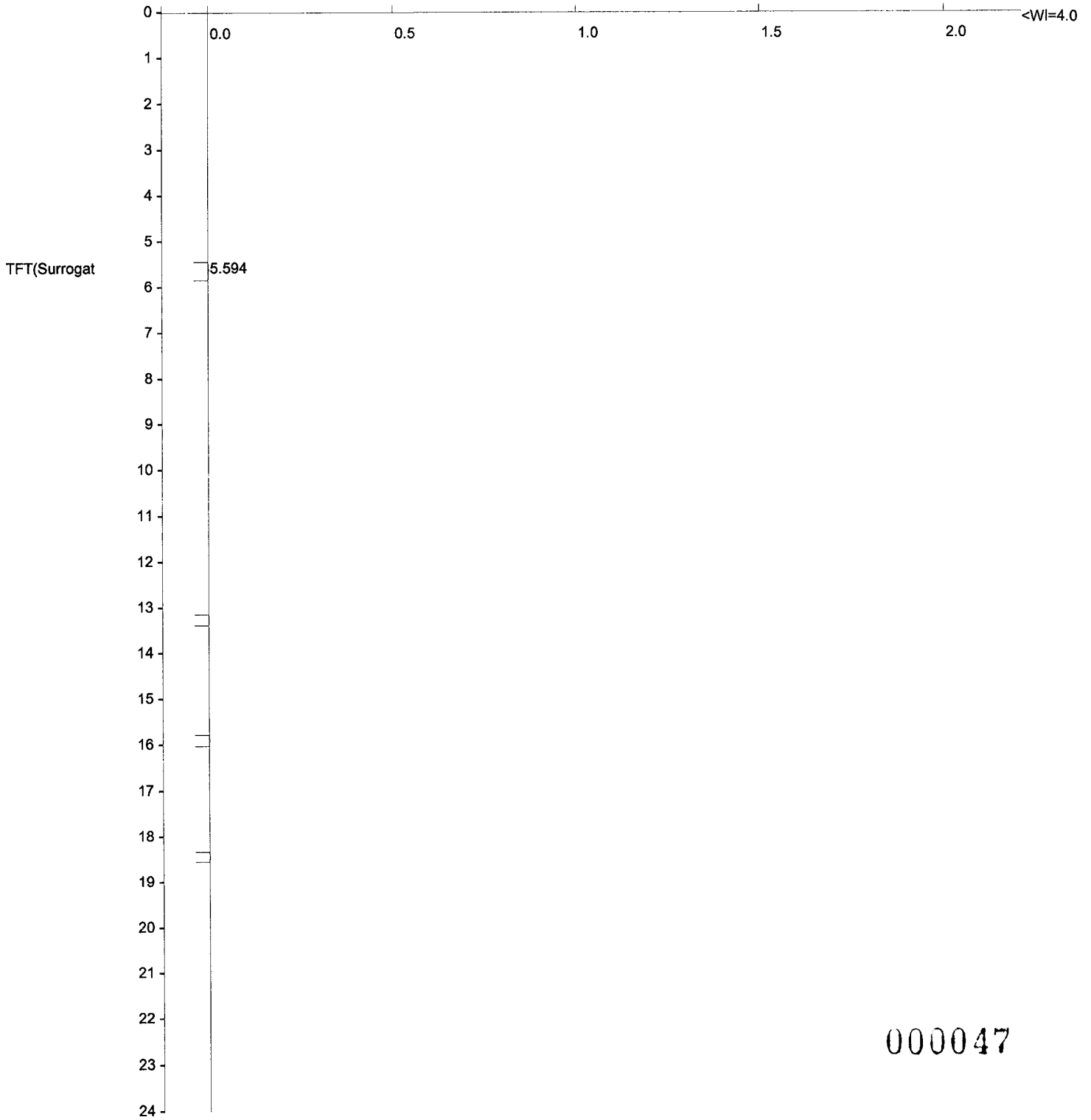
Injection Date: 11/27/02 9:23 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000047

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1031.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-757-5.0

Injection Date: 11/27/02 9:23 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2207	5.594	0.004	1237	BB	7.6	C
	Totals:	0.2207		0.004	1237			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1032.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-759-5.0

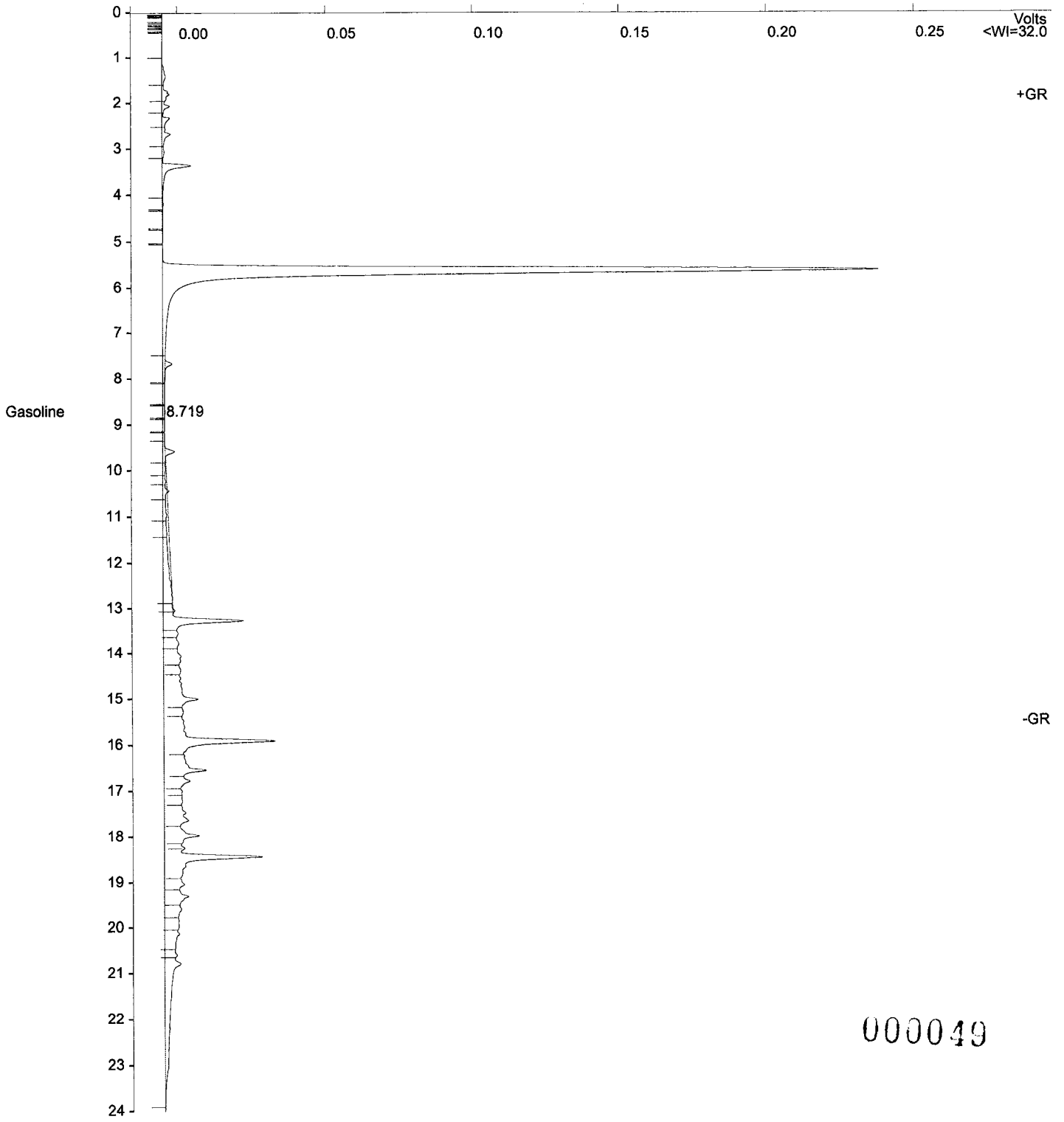
Injection Date: 11/27/02 10:03 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1032.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-759-5.0

Injection Date: 11/27/02 10:03 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2358	8.719	0.001	391529	GR	0.0	
	Totals:	0.2358		0.001	391529			

Total Unidentified Counts : 262364 counts

Detected Peaks: 57 Rejected Peaks: 10 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4969 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1032.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-759-5.0

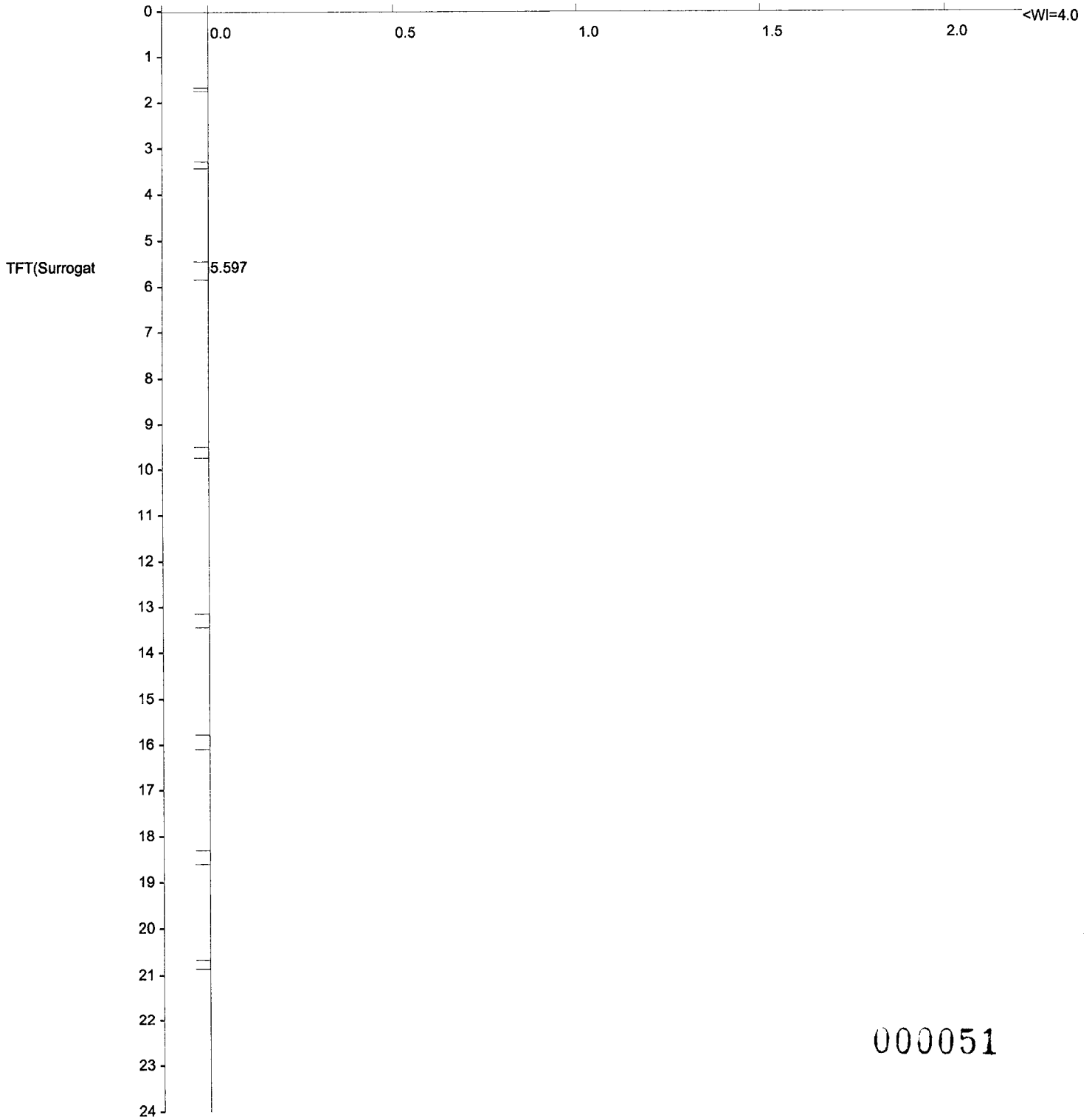
Injection Date: 11/27/02 10:03 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1032.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102763-759-5.0

Injection Date: 11/27/02 10:03 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2279	5.597	0.007	1277	BB	7.6	C
	Totals:	0.2279		0.007	1277			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 8 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

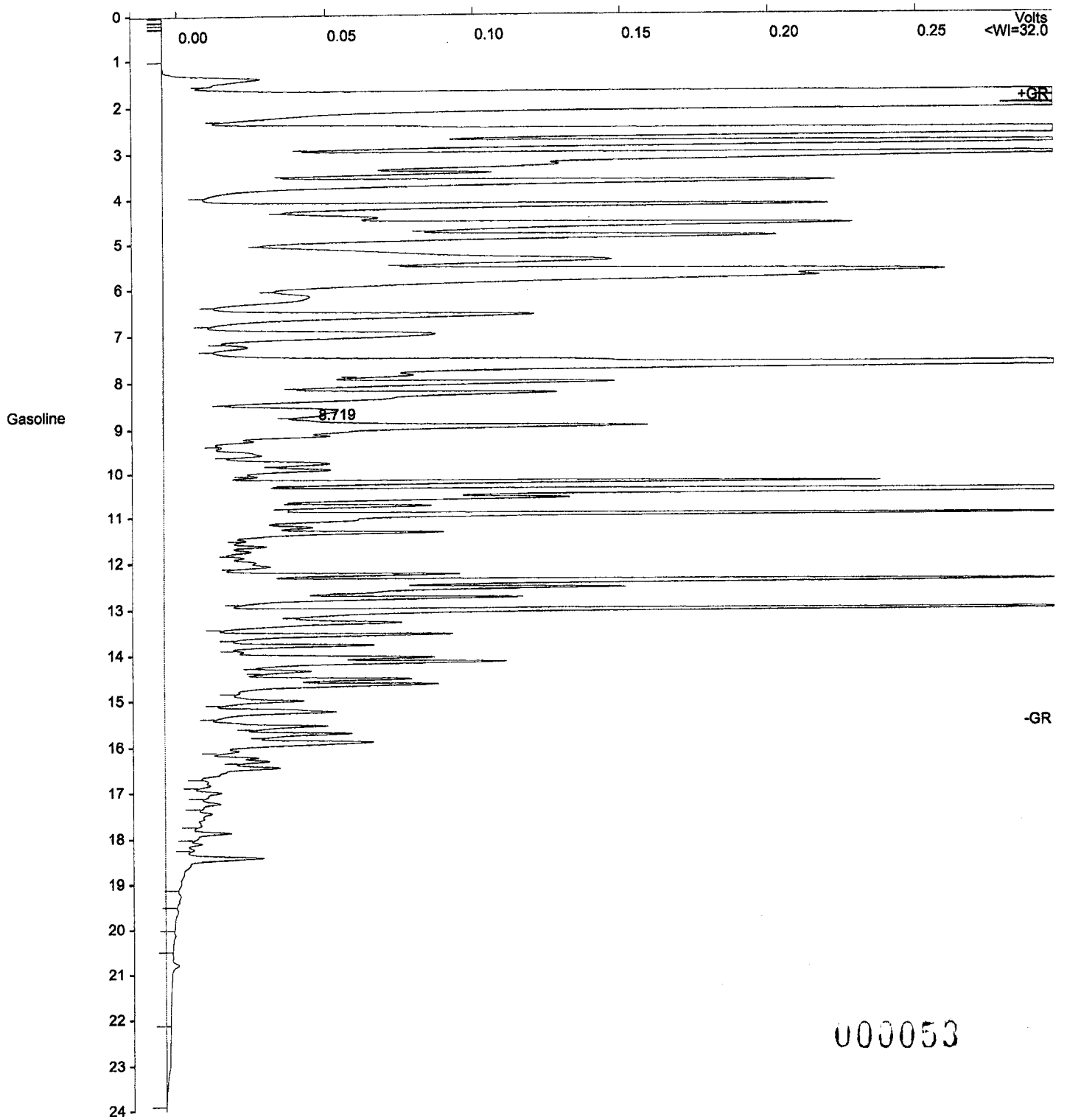
Injection Date: 11/28/02 12:01 AM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000053

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/28/02 12:01 AM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8407	8.719	0.001	8036580	GR	0.0	
	Totals:	4.8407		0.001	8036580			

Total Unidentified Counts : 918385 counts

Detected Peaks: 64 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -5039 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

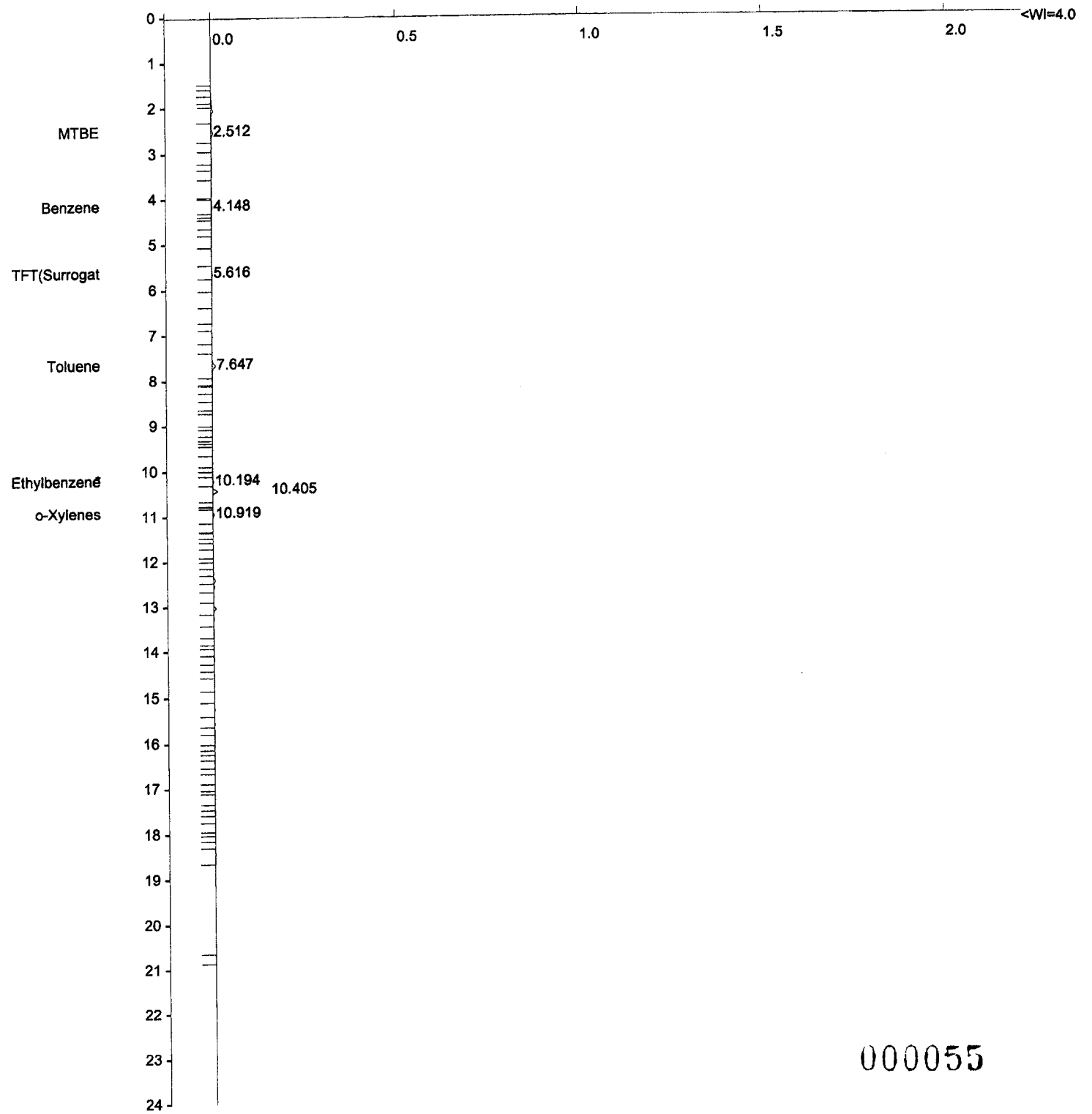
Injection Date: 11/28/02 12:01 AM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/28/02 12:01 AM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.512	-0.015	3346	VV	7.2	
2	Benzene	0.0000	4.148	-0.026	1304	BV	5.8	
3	TFT(Surrogat	0.2671	5.616	0.026	1497	VV	9.7	C
4	Toluene	0.0000	7.647	-0.011	6468	BB	5.3	
5	Ethylbenzene	0.0000	10.194	-0.016	1263	PV	4.1	
6	p,m-Xylenes	0.0000	10.405	-0.005	6739	VV	0.0	
7	o-Xylenes	0.0000	10.919	-0.016	2070	VB	4.0	
	Totals:	0.2671		-0.063	22687			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 15513 counts

Detected Peaks: 81 Rejected Peaks: 65 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

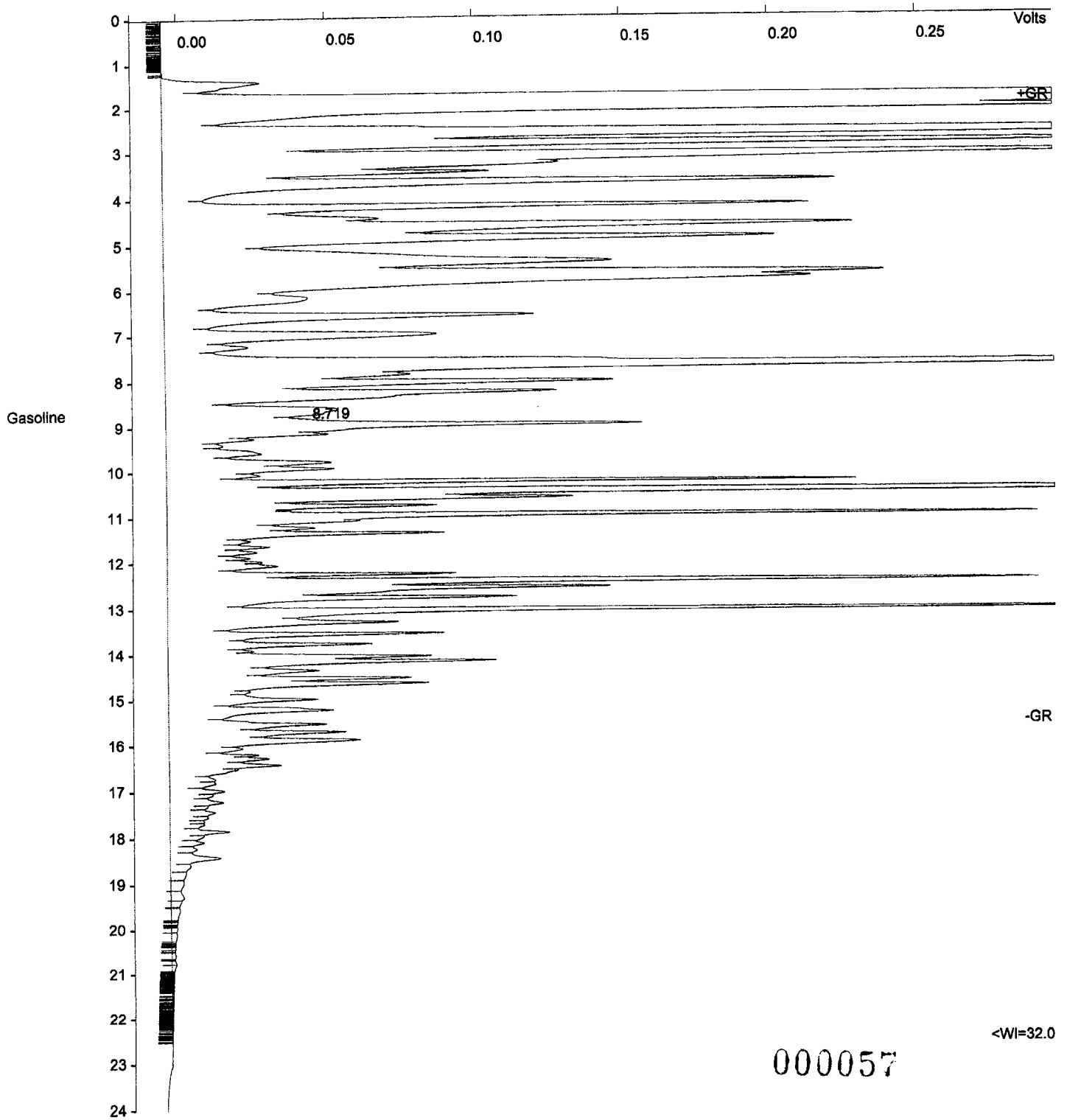
Injection Date: 11/28/02 7:15 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000057

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/28/02 7:15 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.7627	8.719	0.001	7907174	GR	0.0	
	Totals:	4.7627		0.001	7907174			

Total Unidentified Counts : 862327 counts

Detected Peaks: 233 Rejected Peaks: 135 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4959 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

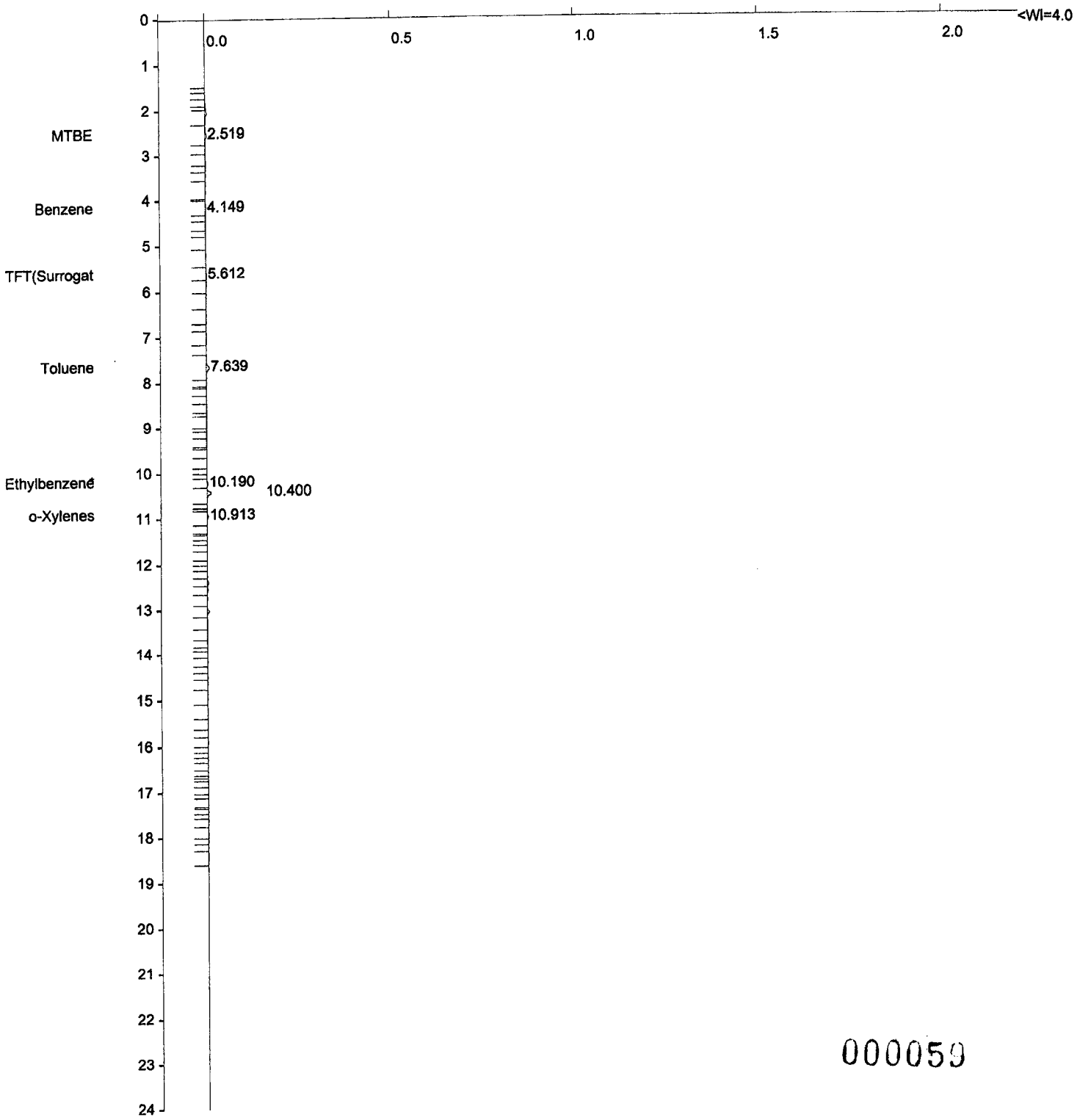
Injection Date: 11/28/02 7:15 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000059

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/28/02 7:15 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.519	-0.008	3068	VV	7.2	
2	Benzene	0.0000	4.149	-0.025	1242	BV	5.8	
3	TFT(Surrogat	0.2390	5.612	0.022	1340	VV	10.2	C
4	Toluene	0.0000	7.639	-0.019	6121	BB	5.3	
5	Ethylbenzene	0.0000	10.190	-0.020	1185	VV	4.1	
6	p,m-Xylenes	0.0000	10.400	-0.010	6164	VV	0.0	
7	o-Xylenes	0.0000	10.913	-0.022	1907	VB	3.9	
	Totals:	0.2390		-0.082	21027			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 14439 counts

Detected Peaks: 80 Rejected Peaks: 64 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1004.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102763-758-2.5 R

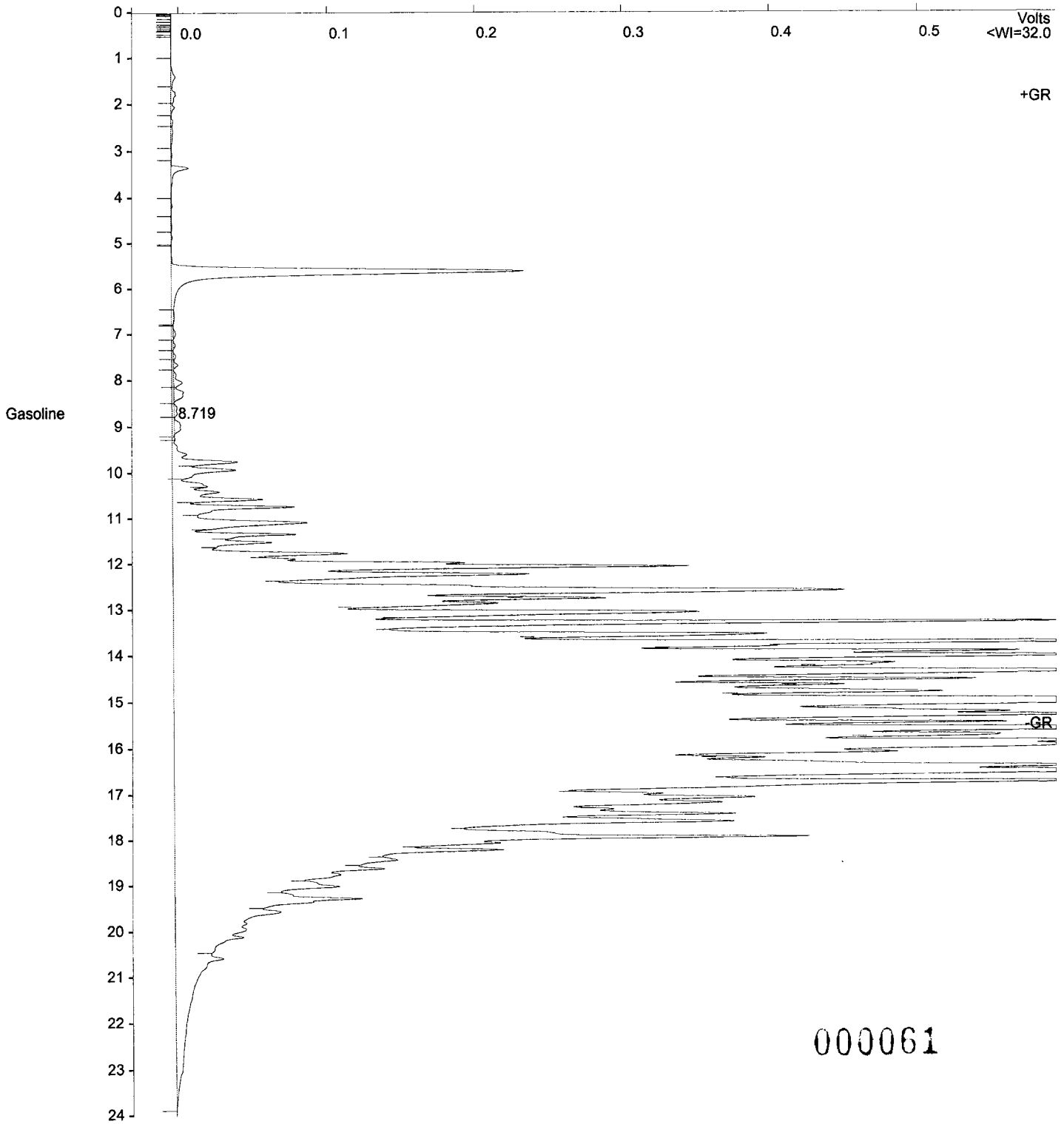
Injection Date: 12/2/02 12:21 PM Calculation Date: 12/2/02 1:17 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 256 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000061

Title : Gasoline by FID
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1004.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102763-758-2.5 R

Injection Date: 12/2/02 12:21 PM Calculation Date: 12/2/02 1:17 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	5.2846	8.719	0.001	8773571	GR	0.0	
	Totals:	5.2846		0.001	8773571			

Total Unidentified Counts : 8256117 counts

Detected Peaks: 70 Rejected Peaks: 11 Identified Peaks: 1

Multiplier: 1/2 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4849 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

000062

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1004.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102763-758-2.5 R

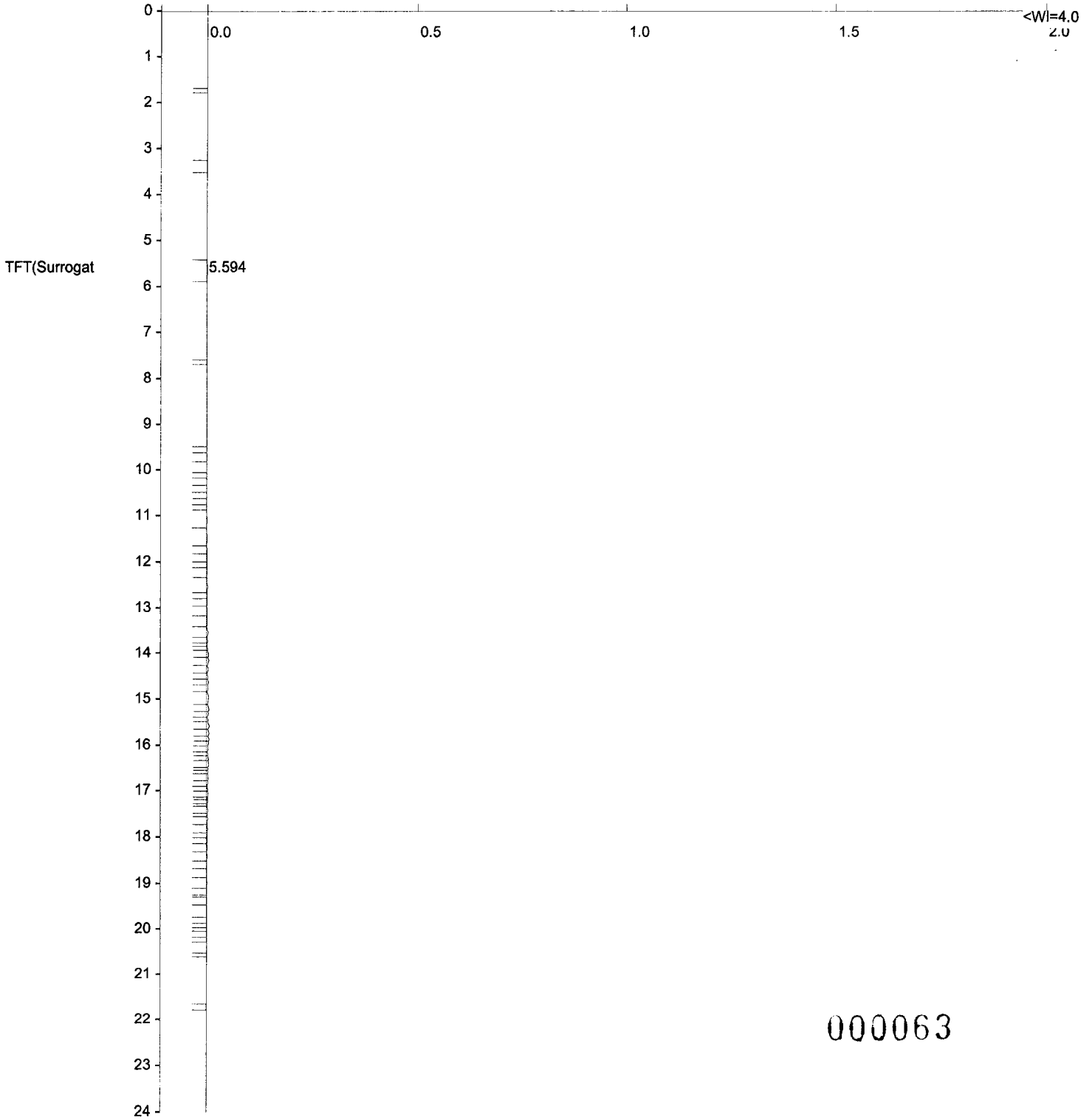
Injection Date: 12/2/02 12:21 PM Calculation Date: 12/2/02 1:18 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 900 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000063

EPA 8015:

Carbon Chain I

33	102631-037-10-10	3	2	3.0	1	1
34	102789-902-10-10	3	3	3.0	1	1
35	102789-903-10-10	3	4	3.0	1	1
36	102789-905-10-10	3	5	3.0	1	1
37	102789-906-10-10	3	6	3.0	1	1
38	dccv-gw144	1	2	3.0	1	1
39	102806-075-5-10	4	1	3.0	2	1
40	102806-076-10-10	4	2	3.0	1	1
41	102806-077-10-10	4	3	3.0	1	1
42	102806-078-10-10	4	4	3.0	1	1
43	102812-193-10-10	4	5	3.0	1	1
44	102812-095-10-10	4	6	3.0	1	1
45	102812-094-10-10	4	7	3.0	1	1
46	102812-096-10-10	4	8	3.0	1	1
47	102810-088-10-10	1	10	3.0	1	1
48	dccv-gw144	1	1	3.0	1	1
49	goccv-gw145	1	2	3.0	1	1
50	mb1129-10-10	1	3	3.0	1	1
51	lcs1129-10-10	1	4	3.0	1	1
52	lcsd1129-10-10	1	5	3.0	1	1
53	102766-821-10-10	1	6	3.0	1	1
54	102766-822-10-10	1	7	3.0	1	1
55	102766-823-10-10	1	8	3.0	1	1
56	102766-824-10-10	1	9	3.0	1	1
57	102766-825-10-10	1	10	3.0	1	1
58	102766-826-10-10	1	11	3.0	1	1
59	102766-827-10-10	1	12	3.0	1	1
60	dccv-gw144	3	1	3.0	1	1
61	goccv-gw145	3	2	3.0	1	1
62	102766-828-10-10	2	1	3.0	1	1
63	102766-829-10-10	2	2	3.0	1	1
64	102763-752-10-10	2	3	3.0	1	1
65	102763-753-10-10	2	4	3.0	1	1
66	102763-754-10-10	2	5	3.0	1	1
67	102763-755-10-10	2	6	3.0	1	1
68	102763-756-10-10	2	7	3.0	1	1
69	102763-757-10-10	2	8	3.0	1	1
70	102763-758-10-10	2	9	3.0	1	1
71	102763-759-10-10	2	10	3.0	1	1

72	dccv-gw144	3	1	3.0	1	1
73	goccv-gw145	3	2	3.0	1	1

Directory for Data Files: c:\star\instrument 2 - gc 9\data - gc 9\nov02

Data File Names: g9-%d-%i

Create and update a new RecalcList: c:\star\instrument 2 - gc 9\data - gc 9\nov02\1127.rcl.

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

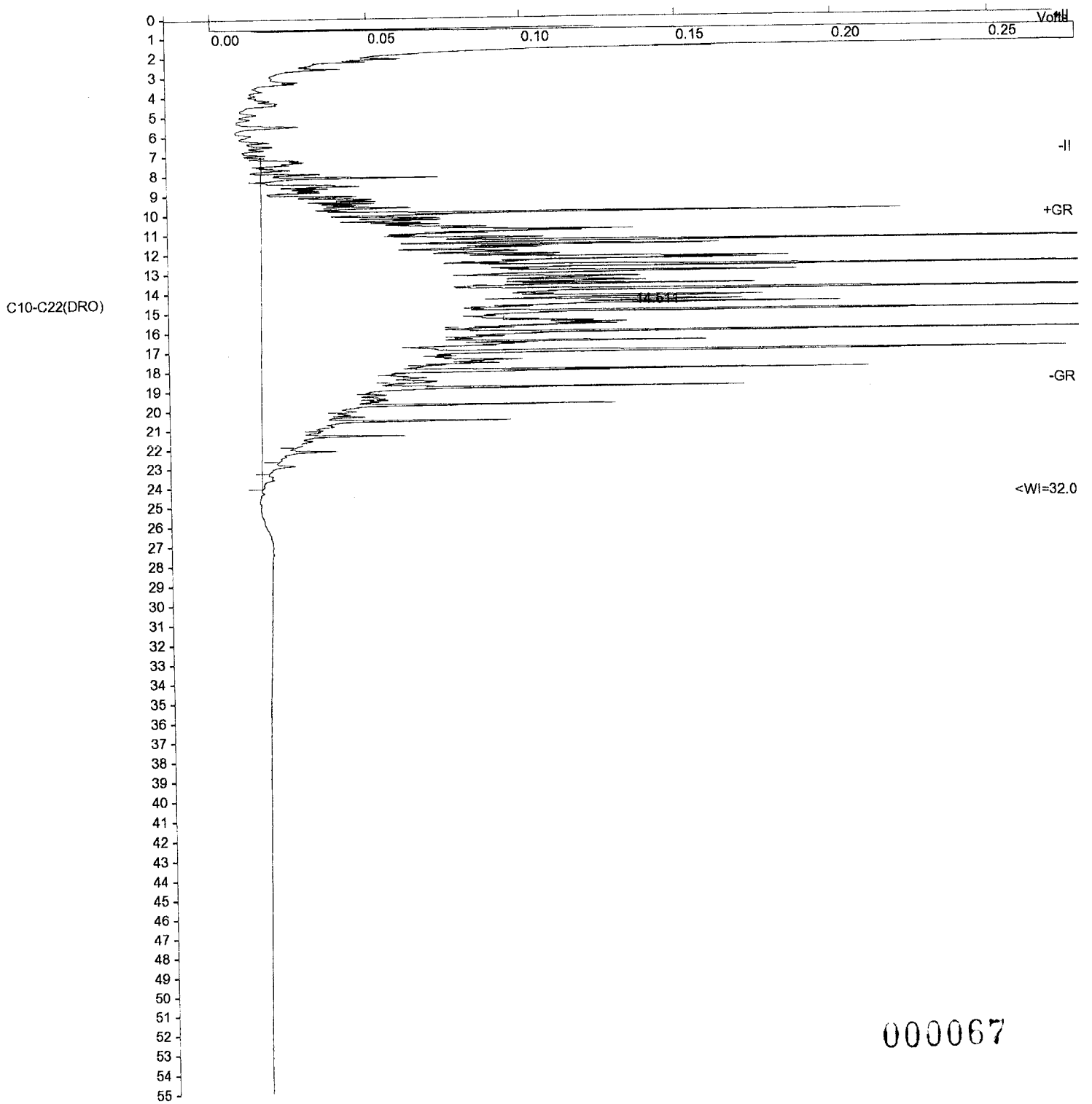
Injection Date: 11/29/02 2:12 PM Calculation Date: 11/29/02 3:08 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000067

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/29/02 2:12 PM Calculation Date: 11/29/02 3:08 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	522.6093	4.5	14.511	0.000	44494932	2	
	Group 2		522.6093			0.000	44494932		
	Totals:		522.6093			0.000	44494932		

Total Unidentified Counts : 11118909 counts

Detected Peaks: 34 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 72 microVolts

Noise (used): 190 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

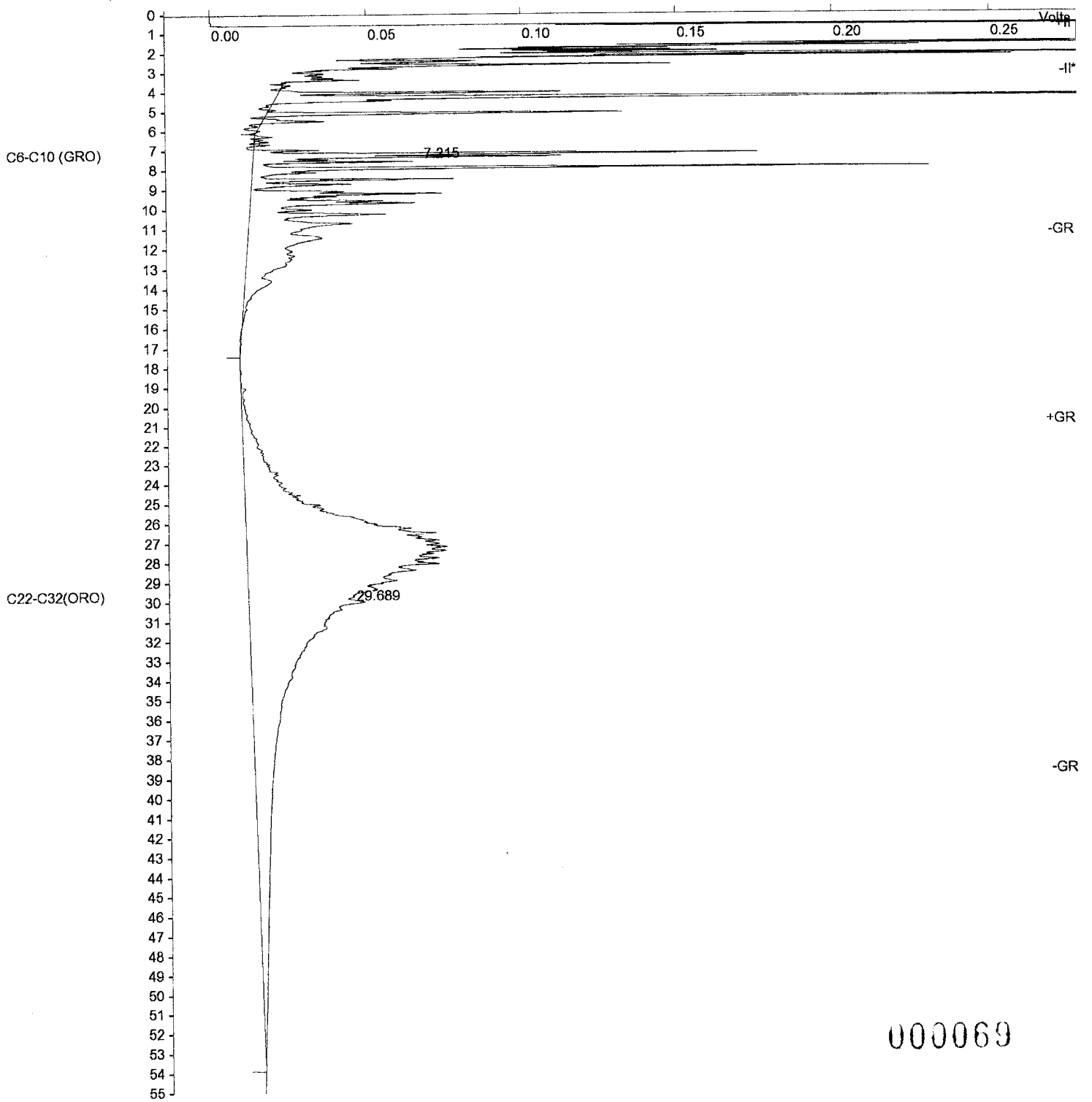
Injection Date: 11/29/02 3:20 PM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000069

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/29/02 3:20 PM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	557.0192	7.215	0.001	12219665	GR	0.0	1	
2	C22-C32(ORO)	468.1730	29.689	0.000	25273398	GR	0.0	3	
	Group 1	557.0192		0.001	12219665				
	Group 3	468.1730		0.000	25273398				
	Totals:	1025.1922		0.001	37493063				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 34 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 195 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1129-10-10

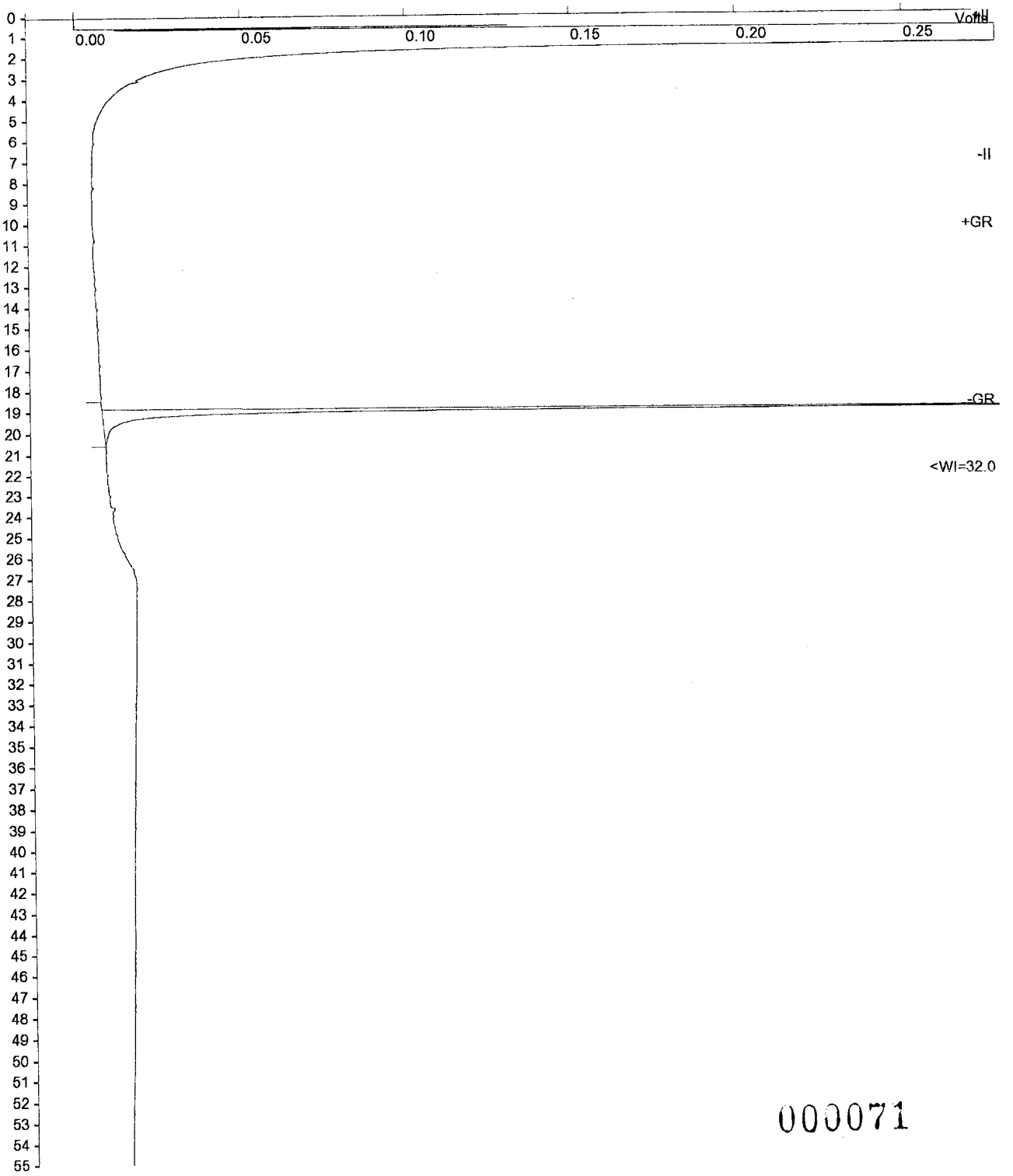
Injection Date: 11/29/02 4:26 PM Calculation Date: 11/29/02 5:22 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1129-10-10

Injection Date: 11/29/02 4:26 PM Calculation Date: 11/29/02 5:22 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2855646 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 36 microVolts

Noise (used): 195 microVolts - monitored before this run

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : mb1129-10-10

Injection Date: 11/29/02 4:26 PM Calculation Date: 12/2/02 8:52 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.9315	18.872	-0.068	2861098	BB	5.0	0	
	Group 0	18.9315		-0.068	2861098				
	Totals:	18.9315		-0.068	2861098				

Total Unidentified Counts : 50278080 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 36 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 195 microVolts

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1129-10-10

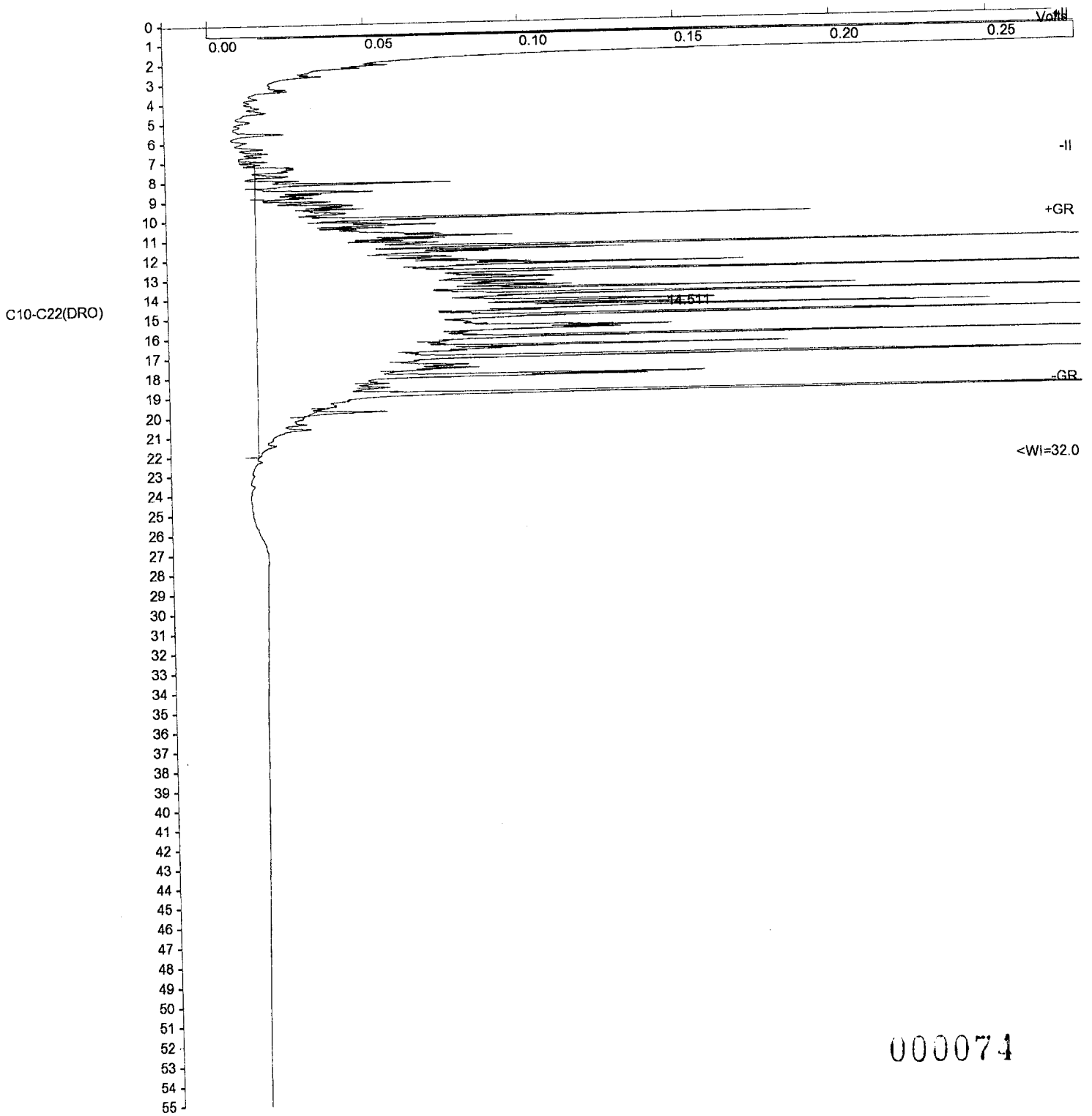
Injection Date: 11/29/02 5:33 PM Calculation Date: 11/29/02 6:29 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000074

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1129-10-10

Injection Date: 11/29/02 5:33 PM Calculation Date: 11/29/02 6:29 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	454.7965	14.511	0.000	38778532	GR	0.0	2	
	Group 2	454.7965		0.000	38778532				
	Totals:	454.7965		0.000	38778532				

Total Unidentified Counts : 9893928 counts

Detected Peaks: 25 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -82 microVolts

Noise (used): 149 microVolts - monitored before this run

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcs1129-10-10

Injection Date: 11/29/02 5:33 PM Calculation Date: 12/2/02 8:53 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.7484	18.831	-0.109	2834799	VB	3.0	0	
	Group 0	18.7484		-0.109	2834799				
	Totals:	18.7484		-0.109	2834799				

Total Unidentified Counts : 71241728 counts

Detected Peaks: 82 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -82 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 149 microVolts

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1129-10-10

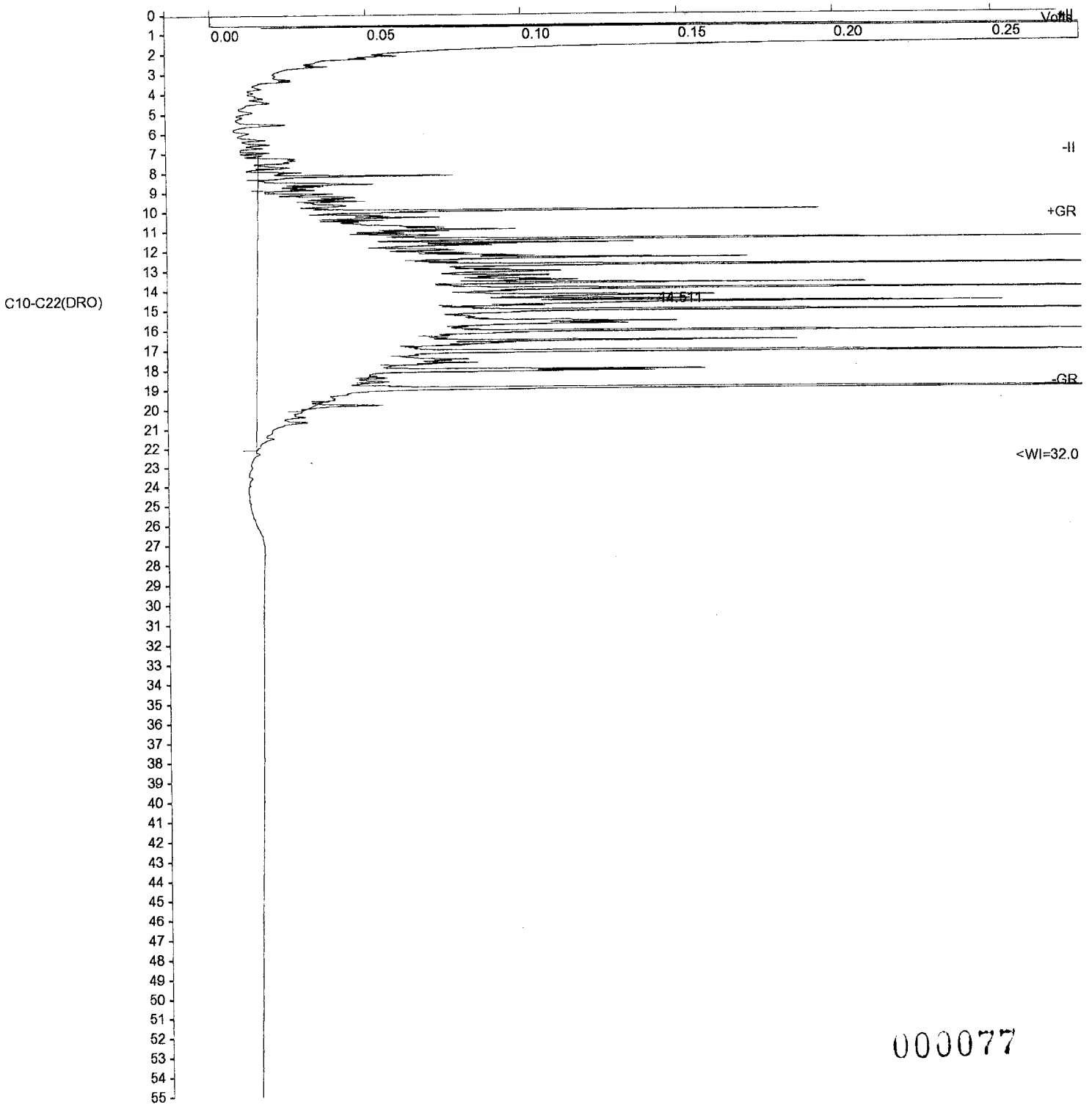
Injection Date: 11/29/02 6:40 PM Calculation Date: 11/29/02 7:36 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000077

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1129-10-10

Injection Date: 11/29/02 6:40 PM Calculation Date: 11/29/02 7:36 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	457.1774	14.511	0.000	38979228	GR	0.0	2	
	Group 2	457.1774		0.000	38979228				
	Totals:	457.1774		0.000	38979228				

Total Unidentified Counts : 9809750 counts

Detected Peaks: 25 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 121 microVolts

Noise (used): 172 microVolts - monitored before this run

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcsd1129-10-10

Injection Date: 11/29/02 6:40 PM Calculation Date: 12/2/02 8:53 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.6521	18.835	-0.105	2820966	VB	3.0	0	
	Group 0	18.6521		-0.105	2820966				
	Totals:	18.6521		-0.105	2820966				

Total Unidentified Counts : 70963520 counts

Detected Peaks: 82 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 121 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 172 microVolts

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

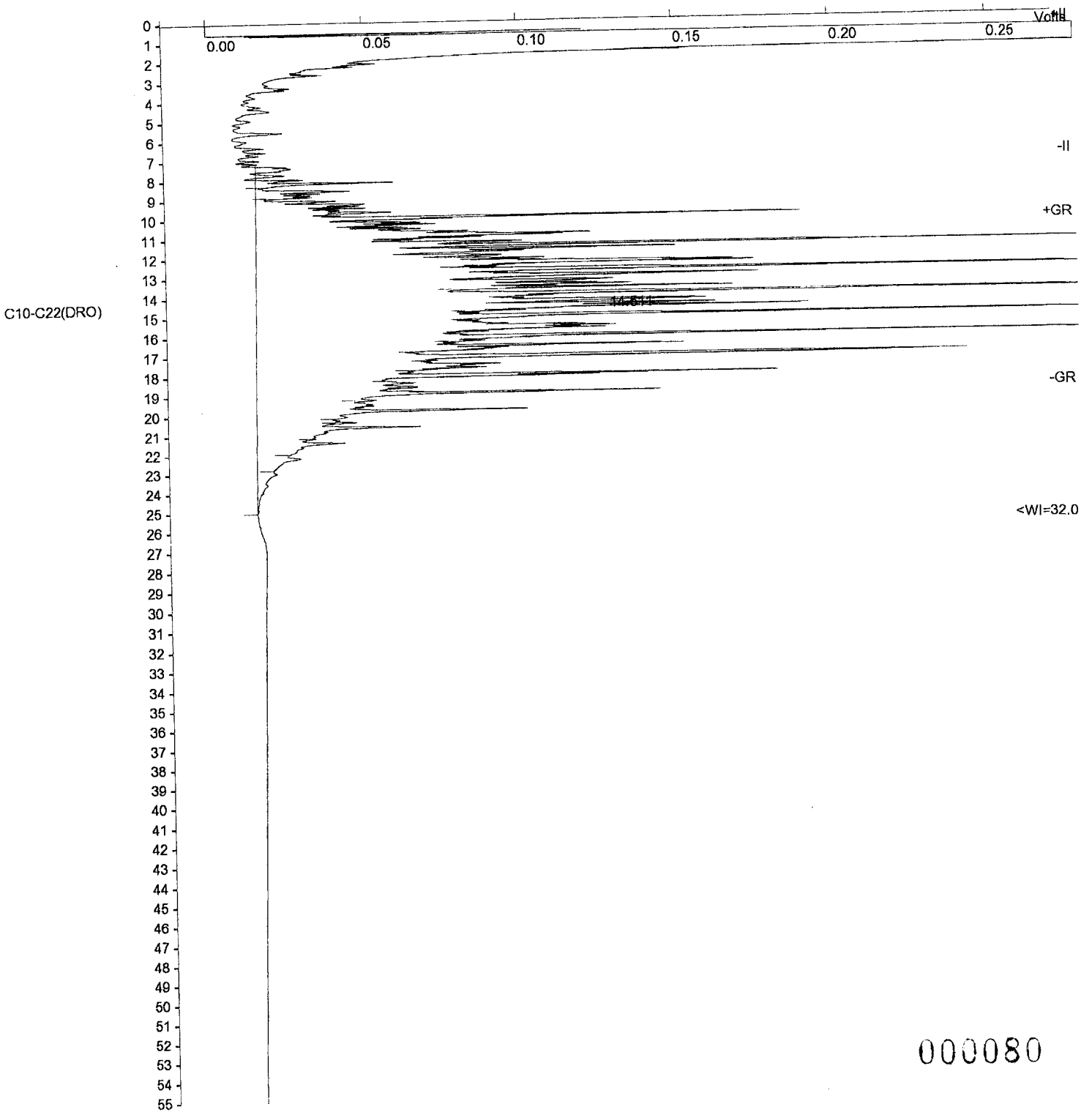
Injection Date: 11/30/02 3:38 AM Calculation Date: 11/30/02 4:33 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000080

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/30/02 3:38 AM Calculation Date: 11/30/02 4:33 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	496.6479	0.7	14.511	0.000	42306472	2	
			496.6479			0.000	42306472		
	Group 2		496.6479			0.000	42306472		
	Totals:		496.6479			0.000	42306472		

Total Unidentified Counts : 10703842 counts

Detected Peaks: 31 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 12 microVolts

Noise (used): 179 microVolts - monitored before this run

Rack: 3 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

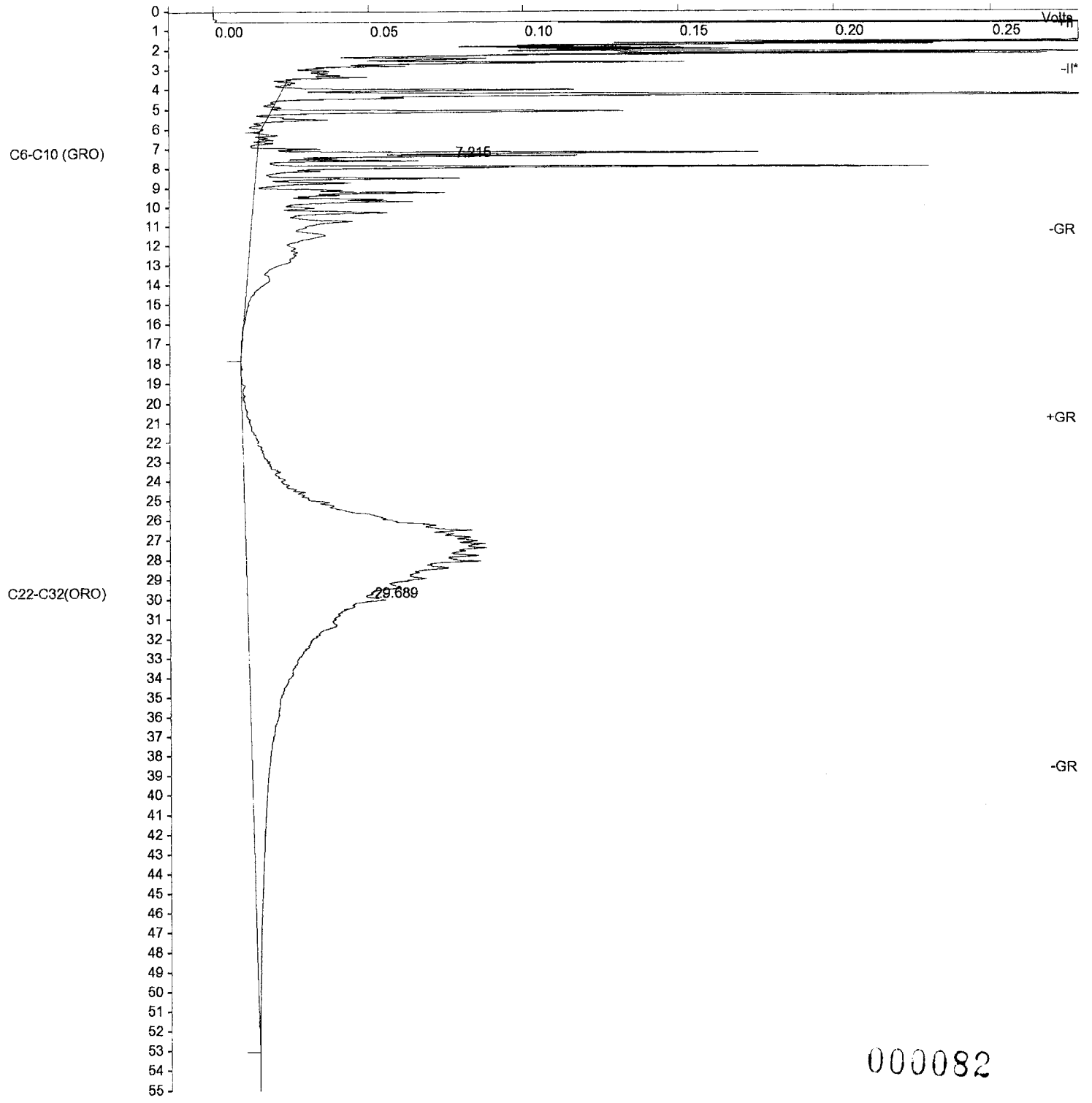
Injection Date: 11/30/02 4:46 AM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000082

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/30/02 4:46 AM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	577.6718	7.215	0.001	12672735	GR	0.0	1	
2	C22-C32(ORO)	524.7169	29.689	0.000	28325812	GR	0.0	3	
	Group 1	577.6718		0.001	12672735				
	Group 3	524.7169		0.000	28325812				
	Totals:	1102.3887		0.001	40998547				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -30 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 203 microVolts

Rack: 3 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-752-10-10

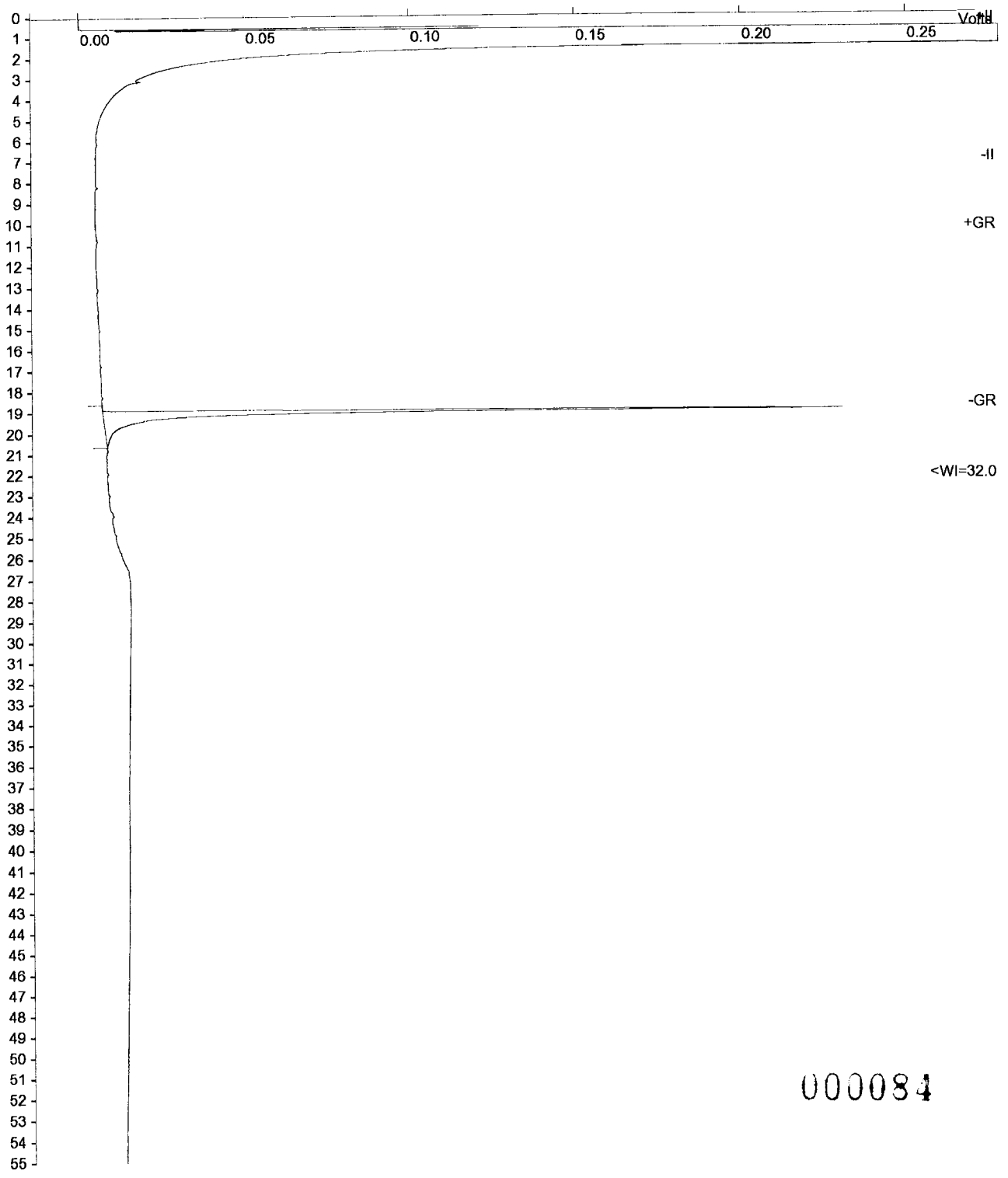
Injection Date: 11/30/02 8:07 AM Calculation Date: 11/30/02 9:02 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000084

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-752-10-10

Injection Date: 11/30/02 8:07 AM Calculation Date: 11/30/02 9:02 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2073759 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 76 microVolts

Noise (used): 161 microVolts - monitored before this run

Rack: 2 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1007.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-752-10-10

Injection Date: 11/30/02 8:07 AM Calculation Date: 12/2/02 8:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2083221 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 76 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 161 microVolts

Rack: 2 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

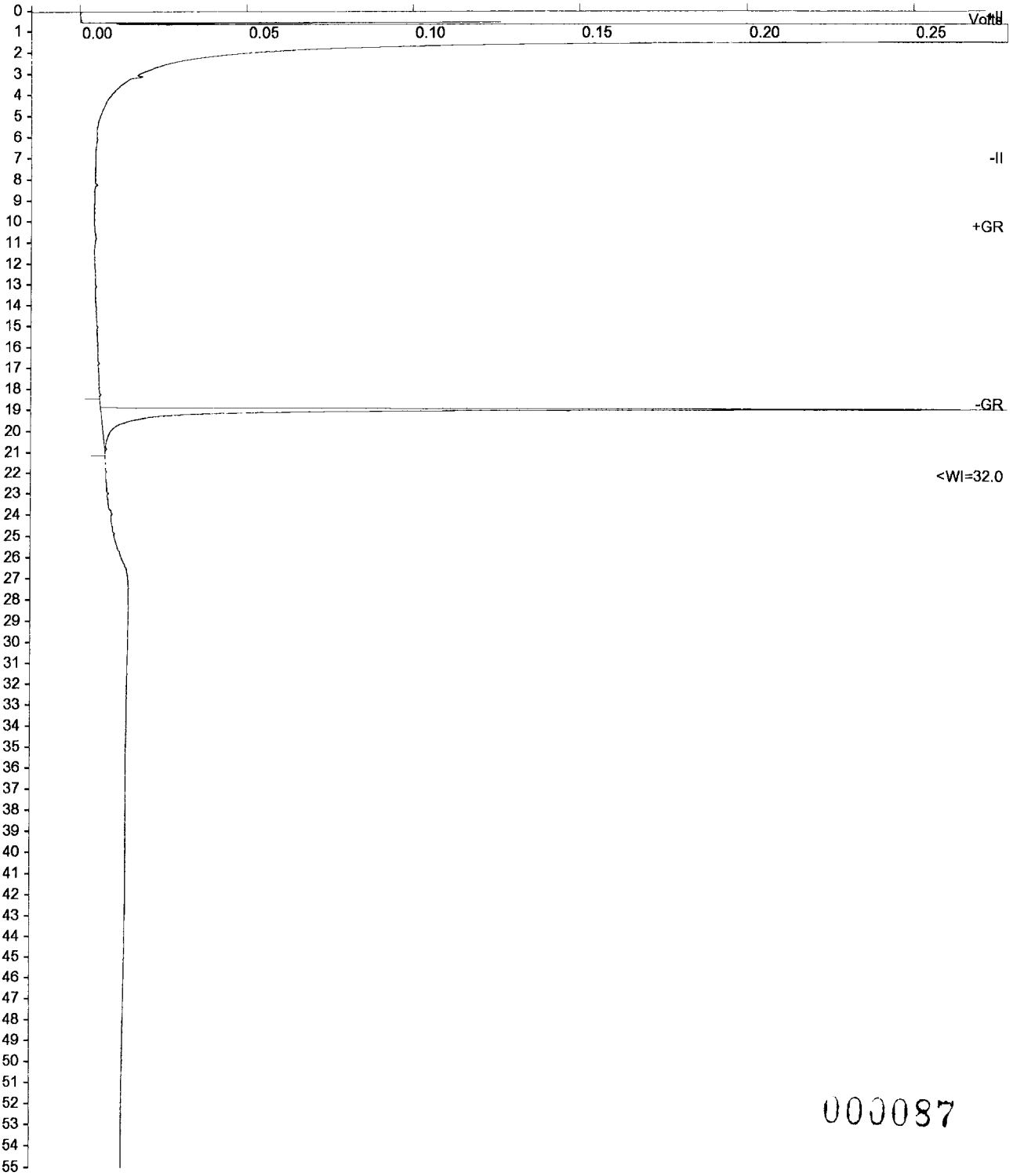
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-753-10-10

Injection Date: 11/30/02 9:14 AM Calculation Date: 11/30/02 10:09 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000087

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-753-10-10

Injection Date: 11/30/02 9:14 AM Calculation Date: 11/30/02 10:09 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2428318 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 65 microVolts

Noise (used): 175 microVolts - monitored before this run

Rack: 2 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-753-10-10

Injection Date: 11/30/02 9:14 AM Calculation Date: 12/2/02 8:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2393103 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 65 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 175 microVolts

Rack: 2 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1009.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-754-10-10

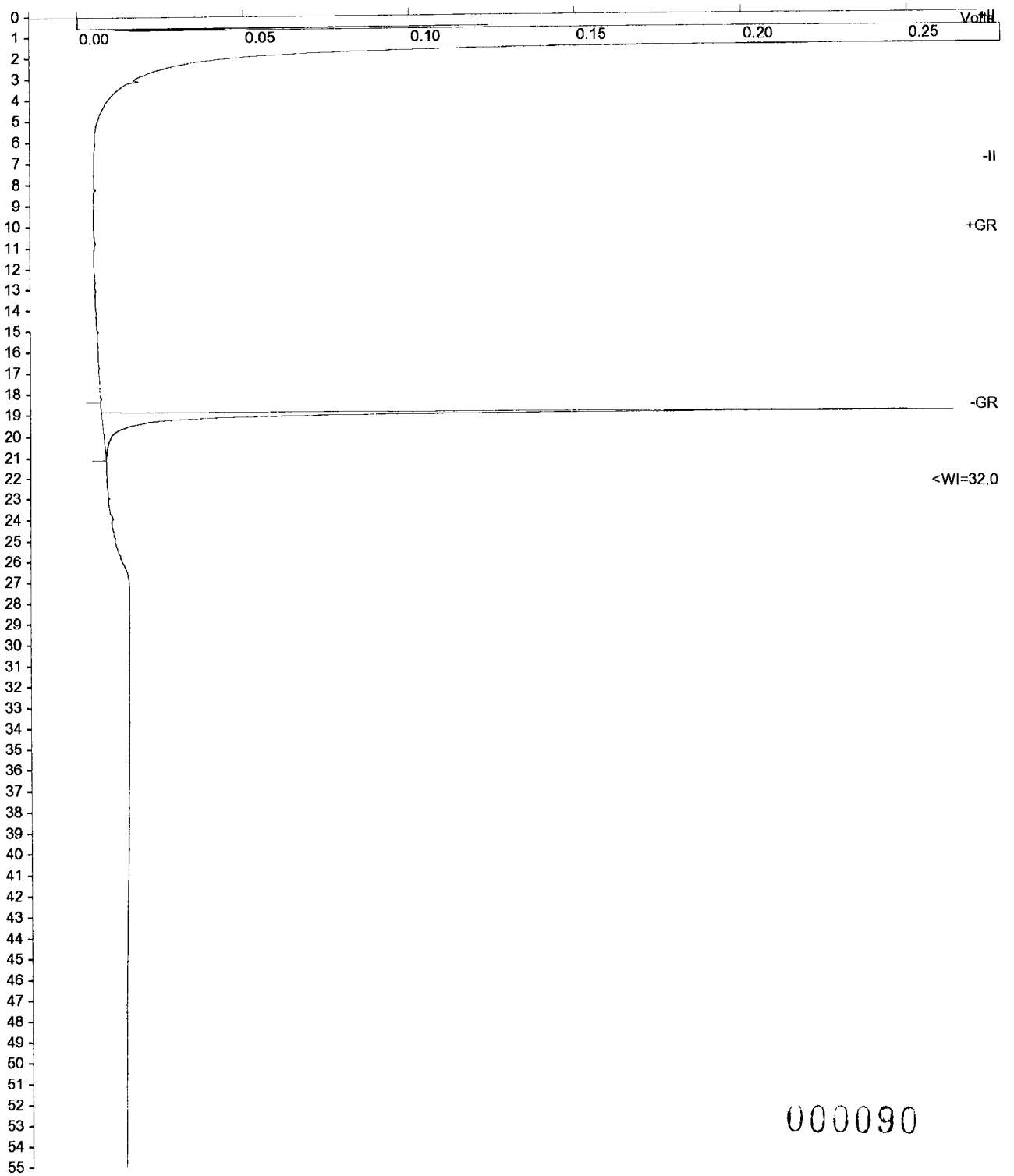
Injection Date: 11/30/02 10:20 AM Calculation Date: 11/30/02 11:16 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1009.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-754-10-10

Injection Date: 11/30/02 10:20 AM Calculation Date: 11/30/02 11:16 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2339367 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 3 microVolts

Noise (used): 120 microVolts - monitored before this run

Rack: 2 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-754-10-10

Injection Date: 11/30/02 10:20 AM Calculation Date: 12/2/02 8:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2328747 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 3 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 120 microVolts

Rack: 2 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-755-10-10

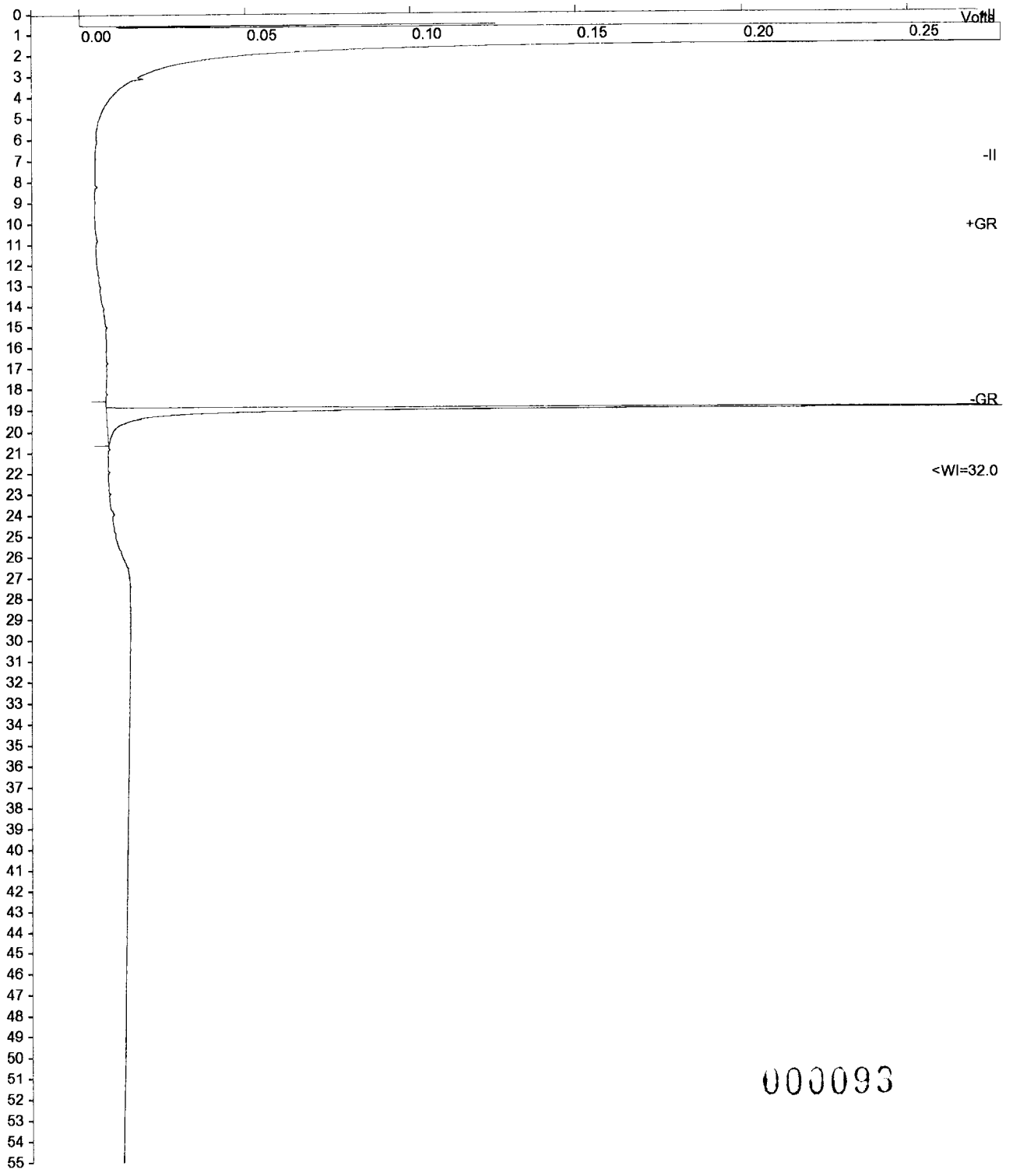
Injection Date: 11/30/02 11:27 AM Calculation Date: 11/30/02 12:22 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000093

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-755-10-10

Injection Date: 11/30/02 11:27 AM Calculation Date: 11/30/02 12:22 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2487847 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 77 microVolts

Noise (used): 179 microVolts - monitored before this run

Rack: 2 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1010.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-755-10-10

Injection Date: 11/30/02 11:27 AM Calculation Date: 12/2/02 8:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2504152 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 77 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 179 microVolts

Rack: 2 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-756-10-10

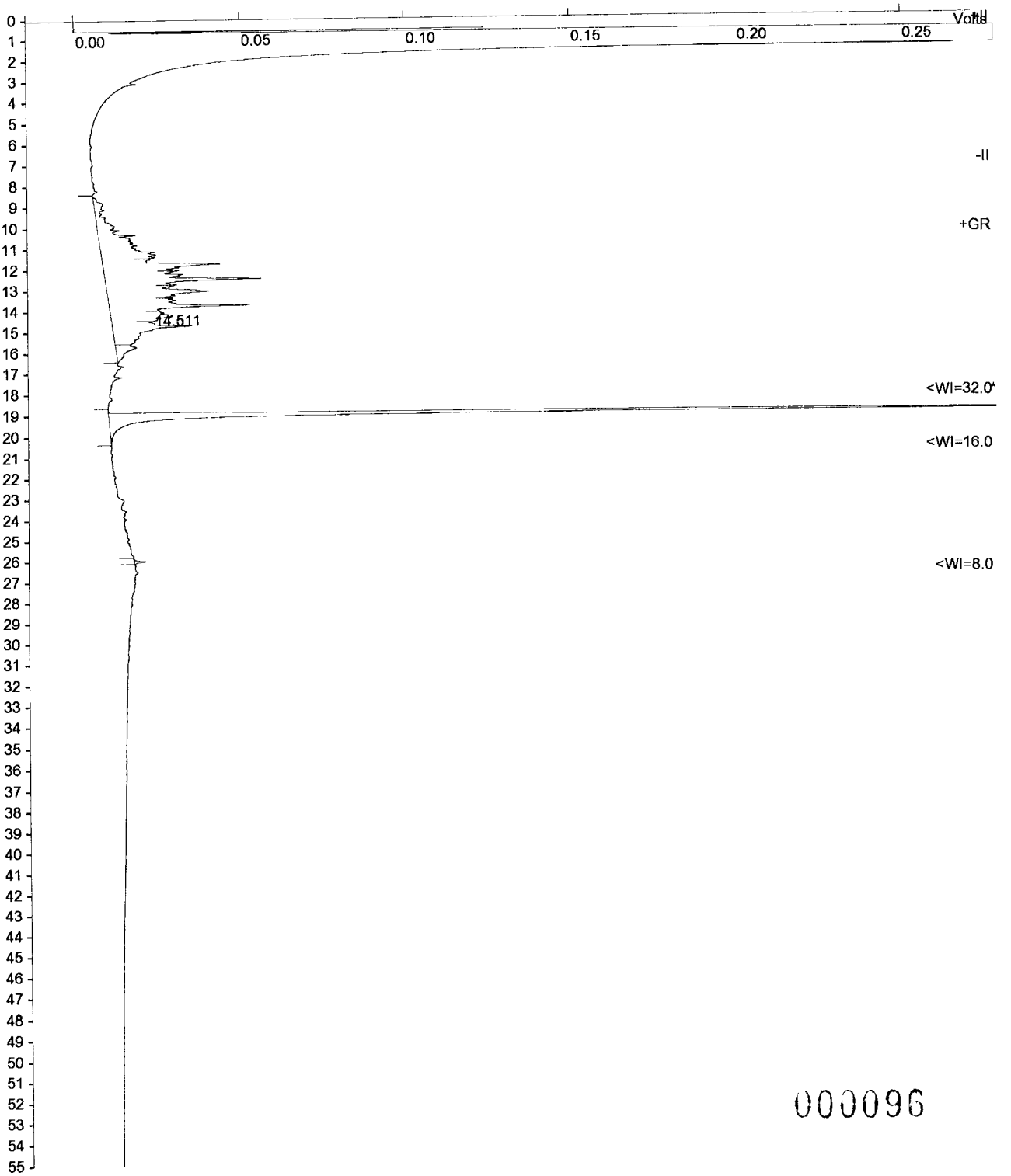
Injection Date: 11/30/02 12:34 PM Calculation Date: 11/30/02 1:29 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000096

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-756-10-10

Injection Date: 11/30/02 12:34 PM Calculation Date: 11/30/02 1:29 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	62.7270	14.511	0.000	5728279	GR	0.0	2	
	Group 2	62.7270		0.000	5728279				
	Totals:	62.7270		0.000	5728279				

Total Unidentified Counts : 2825397 counts

Detected Peaks: 10 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25 microVolts

Noise (used): 194 microVolts - monitored before this run

Rack: 2 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1011.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-756-10-10

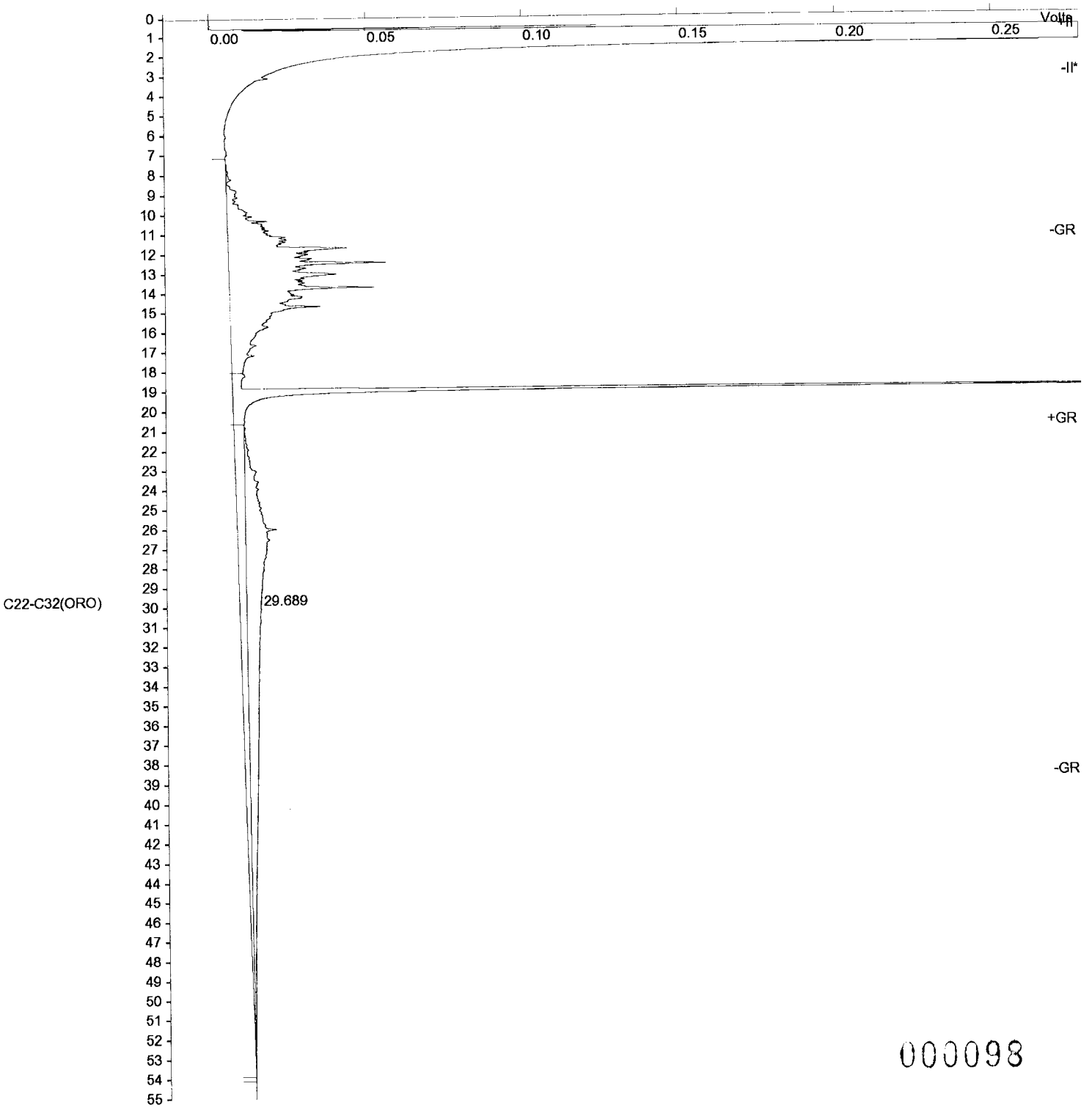
Injection Date: 11/30/02 12:34 PM Calculation Date: 12/2/02 9:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000098

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1011.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-756-10-10

Injection Date: 11/30/02 12:34 PM Calculation Date: 12/2/02 9:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C22-C32(ORO)	91.7733	29.689	0.000	4954199	GR	0.0	3	
	Group 3	91.7733		0.000	4954199				
	Totals:	91.7733		0.000	4954199				

Total Unidentified Counts : 14308882 counts

Detected Peaks: 3 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 194 microVolts

Rack: 2 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-757-10-10

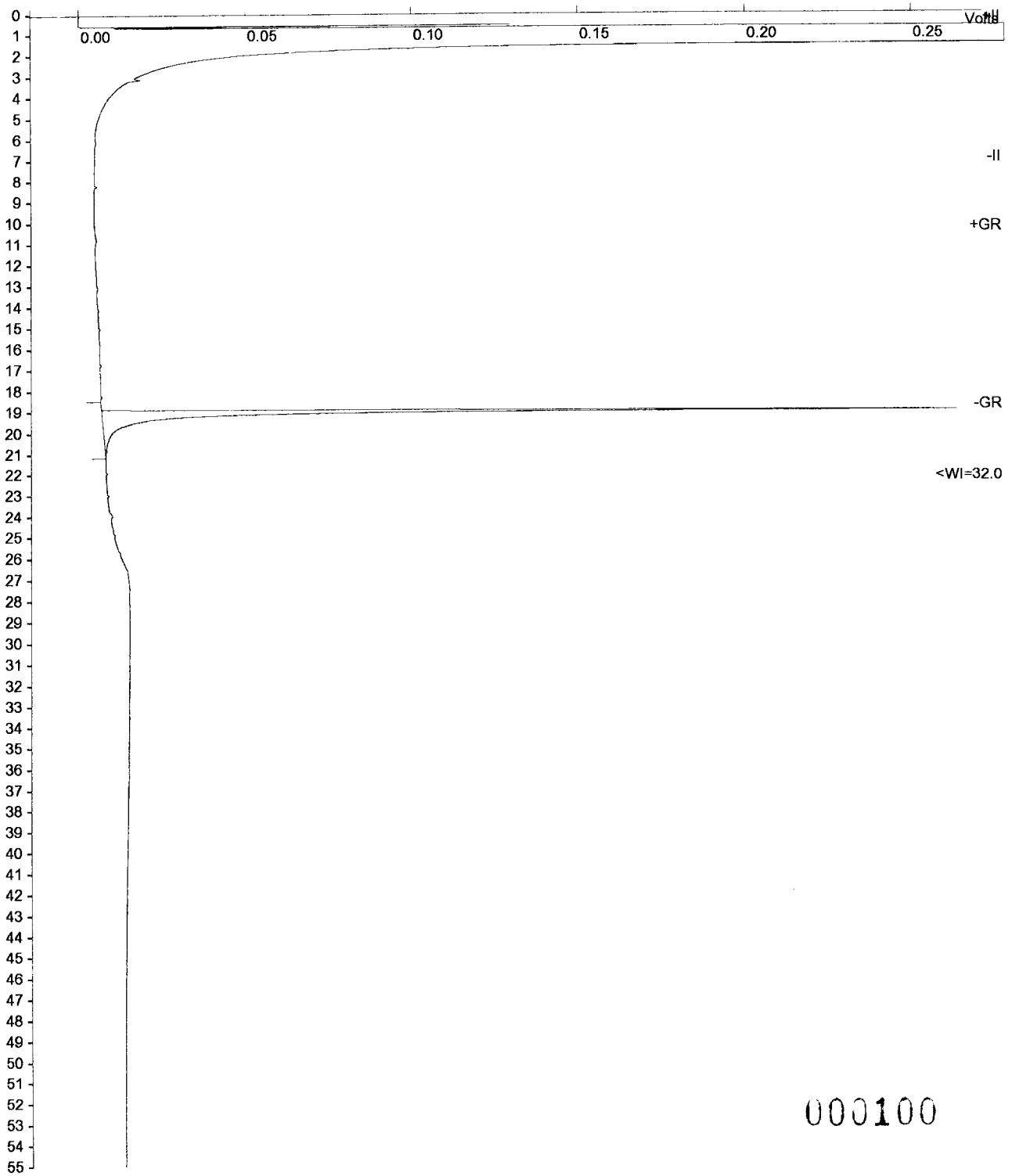
Injection Date: 11/30/02 1:41 PM Calculation Date: 11/30/02 2:36 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000100

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-757-10-10

Injection Date: 11/30/02 1:41 PM Calculation Date: 11/30/02 2:36 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2377952 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -12 microVolts

Noise (used): 187 microVolts - monitored before this run

Rack: 2 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-757-10-10

Injection Date: 11/30/02 1:41 PM Calculation Date: 12/2/02 9:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2345510 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -12 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 187 microVolts

Rack: 2 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1013.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-758-10-10

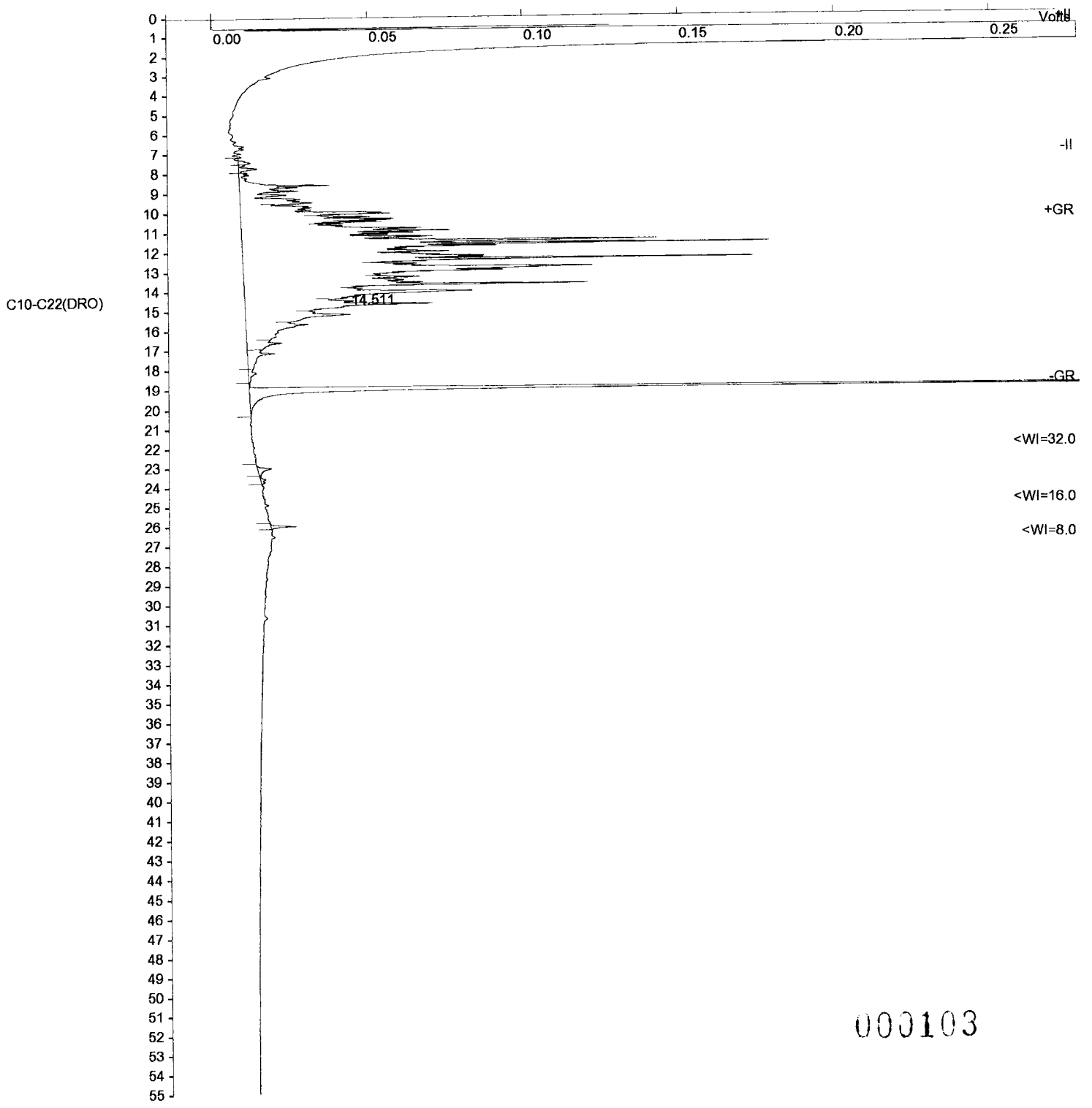
Injection Date: 11/30/02 2:48 PM Calculation Date: 11/30/02 3:43 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000103

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1013.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102763-758-10-10

Injection Date: 11/30/02 2:48 PM Calculation Date: 11/30/02 3:43 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	184.2641	14.511	0.000	15973478	GR	0.0	2	
	Group 2	184.2641		0.000	15973478				
	Totals:	184.2641		0.000	15973478				

Total Unidentified Counts : 5533828 counts

Detected Peaks: 22 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -60 microVolts

Noise (used): 135 microVolts - monitored before this run

Rack: 2 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-758-10-10

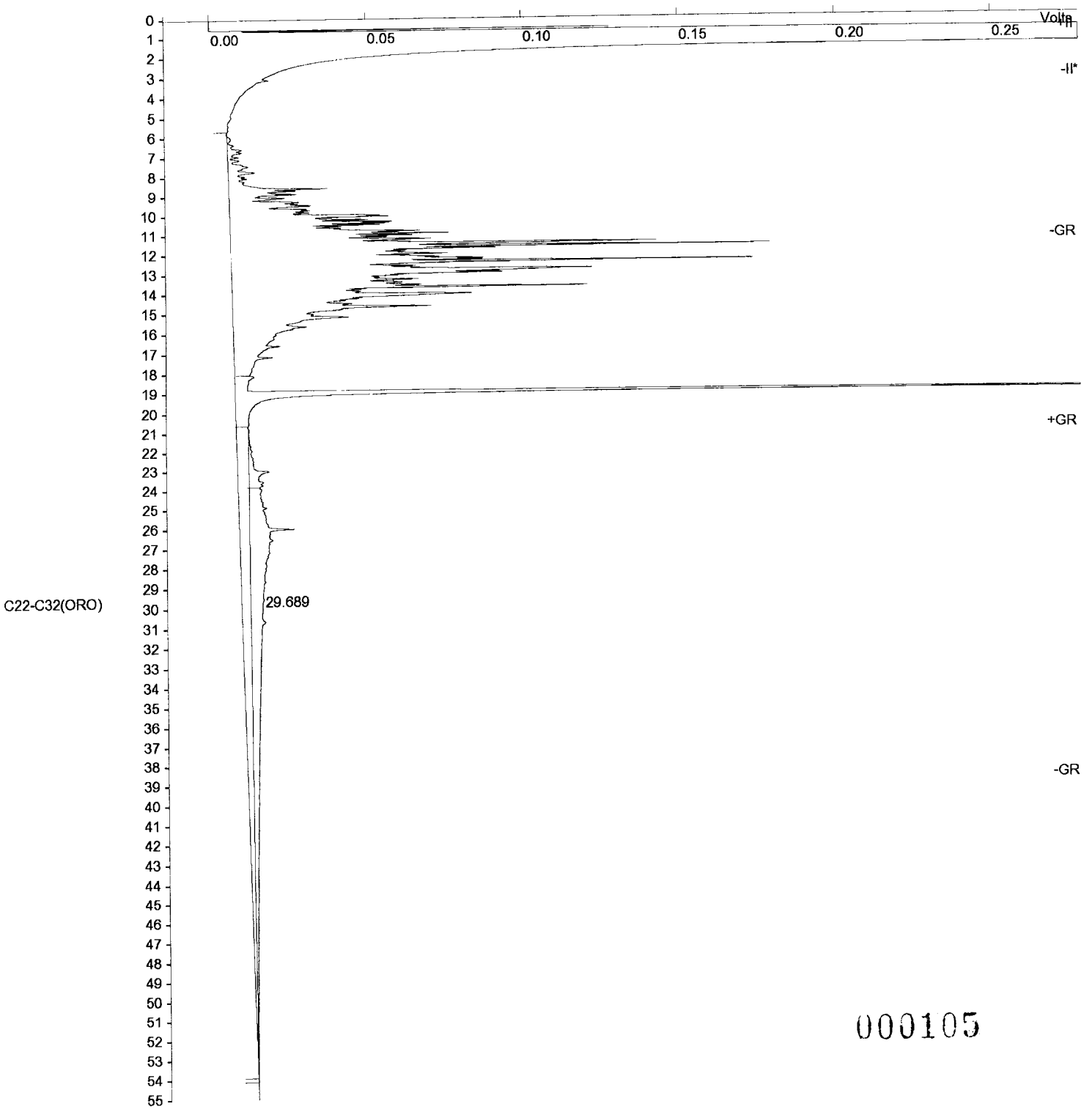
Injection Date: 11/30/02 2:48 PM Calculation Date: 12/2/02 9:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000105

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-758-10-10

Injection Date: 11/30/02 2:48 PM Calculation Date: 12/2/02 9:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C22-C32(ORO)	79.0760	29.689	0.000	4268764	GR	0.0	3	
	Group 3	79.0760		0.000	4268764				
	Totals:	79.0760		0.000	4268764				

Total Unidentified Counts : 27925862 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -60 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 135 microVolts

Rack: 2 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102763-759-10-10

Injection Date: 11/30/02 3:54 PM Calculation Date: 12/2/02 9:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2592366 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 78 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 222 microVolts

Rack: 2 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

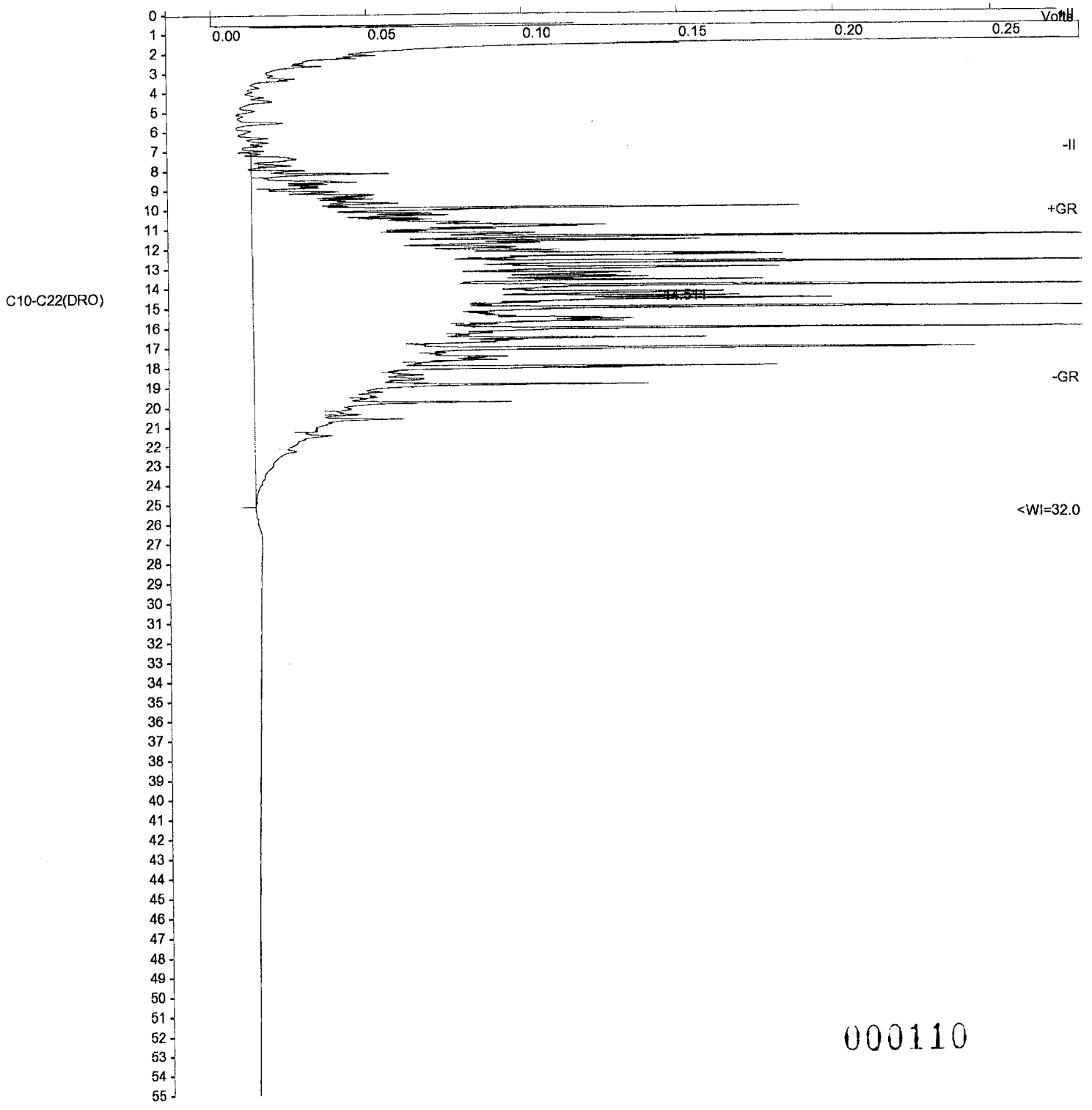
Injection Date: 11/30/02 5:01 PM Calculation Date: 11/30/02 5:56 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000110

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/30/02 5:01 PM Calculation Date: 11/30/02 5:56 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	528.8292	5.8	14.511	0.000	45019256	2	
	Group 2		528.8292			0.000	45019256		
	Totals:		528.8292			0.000	45019256		

Total Unidentified Counts : 11885672 counts

Detected Peaks: 31 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -57 microVolts

Noise (used): 117 microVolts - monitored before this run

Rack: 3 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

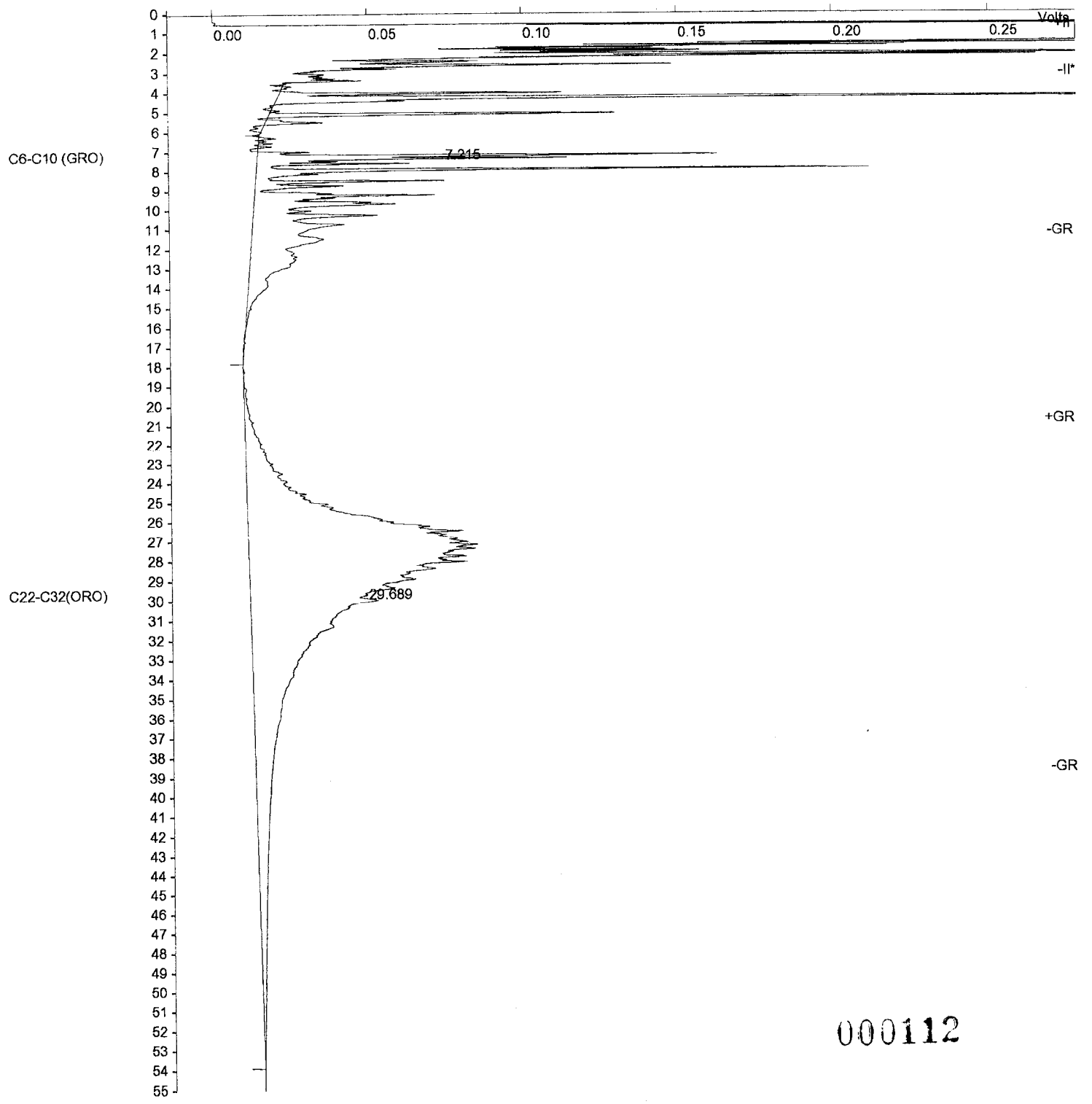
Injection Date: 11/30/02 6:08 PM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000112

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/30/02 6:08 PM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	568.8916	7.215	0.001	12480119	GR	0.0	1	
2	C22-C32(ORO)	502.5053	29.689	0.000	27126764	GR	0.0	3	
	Group 1	568.8916		0.001	12480119				
	Group 3	502.5053		0.000	27126764				
	Totals:	1071.3969		0.001	39606883				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 78 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 192 microVolts

Rack: 3 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

ASSOCIATED LABORATORIES
8015 / 8021 PREP SHEET

BATCH ID: DSLS 11/29/02

LAB REQUEST #		PREP METHOD	MATRIX TYPE	SAMPLE AMOUNT	SURR. ADDED	SPIKE ADDED	INITIAL WT/VOL	FINAL VOLUME	DATE EXT.	COMMENT
	11/29	3550	10.0g	5	100 ul	—	—	10 ml	11/29	
BLANK	11/29					500	—			
LCS	11/29					500	—			FOSTER W.
LCSD	11/29					—	—			
102766 -	821					—	—			
	822					—	—			
	823					—	—			
	824					—	—			
	825					—	—			
	826					—	—			
	827					—	—			
	828					—	—			
	829					—	—			
102763 -	752					—	—			
	753					—	—			
	754					—	—			
	755					—	—			
	756					—	—			
	757					—	—			
	758					—	—			
	759					—	—			

Solvent Manufacturer and Lot # Ul2 # 023421

Surrogate Lot # g-W-138

Spike Lot # g-W-151

EPA 8260:

Data & QA/QC

****

Varian Star Workstation - Generic SampleList Fri Nov 29 09:15:54 2002

SampleList: C:\SaturnWS\samplelist.smp

Created: Sun Oct 29 18:10:46 2000
Modified: Fri Nov 29 03:50:12 2002

****

Line	Sample Type	Sample Name
1	Analysis	water blank
2	Analysis	method blank # 1
3	Analysis	50 ppb 8260 ccv
4	Analysis	LCS # 1
5	Analysis	102763-752 5.00g
6	Analysis	102763-753 5.24g
7	Analysis	102763-754 5.35g
8	Analysis	102763-755 5.10g
9	Analysis	102763-756 100ul
10	Analysis	102763-757 4.83g
11	Analysis	102763-758 100ul
12	Analysis	102763-759 5.05g
13	Analysis	102766-821 5.90g
14	Analysis	102766-822 6.03g
15	Analysis	102766-823 6.04g
16	Analysis	LCS # 2
17	Analysis	method blank # 2
18	Analysis	50 ppb 8260 ccv # 2
19	Analysis	102766-824 6.24g
20	Analysis	102766-825 5.36g
21	Analysis	102766-826 5.25g
22	Analysis	102766-827 5.52g
23	Analysis	102766-828 5.22g
24	Analysis	102766-829 5.02g
25	Analysis	102789-902 5.0g
26	Analysis	102789-904 5.0g
27	Analysis	102789-905 5.0g
28	Analysis	LCS soil
29	Analysis	LCSD soil
30	Analysis	102789-906 5.0g
31	Analysis	LCS # 3
32	Analysis	method blank # 3
33	Analysis	50 ppb 8260 ccv # 3
34	Analysis	LCS soil # 2
35	Analysis	LCSD soil # 2
36	Analysis	102520-479 5ml
37	Analysis	102562-685 5ml
38	Analysis	102562-687 50ul
39	Analysis	102521-491 5ml
40	Analysis	102521-496 5ml
41	Analysis	102521-497 10ul
42	Analysis	102567-705 200ul
43	Analysis	102757-725 2ul
44	Analysis	102587-381 5ul
45	Analysis	102587-382 5ul
46	Analysis	LCS # 4
47	Analysis	method blank # 4
48	Analysis	50 ppb 8260 ccv # 4

49	Analysis	102587-383	5ul
50	Analysis	LCS	water
51	Analysis	LCSD	water

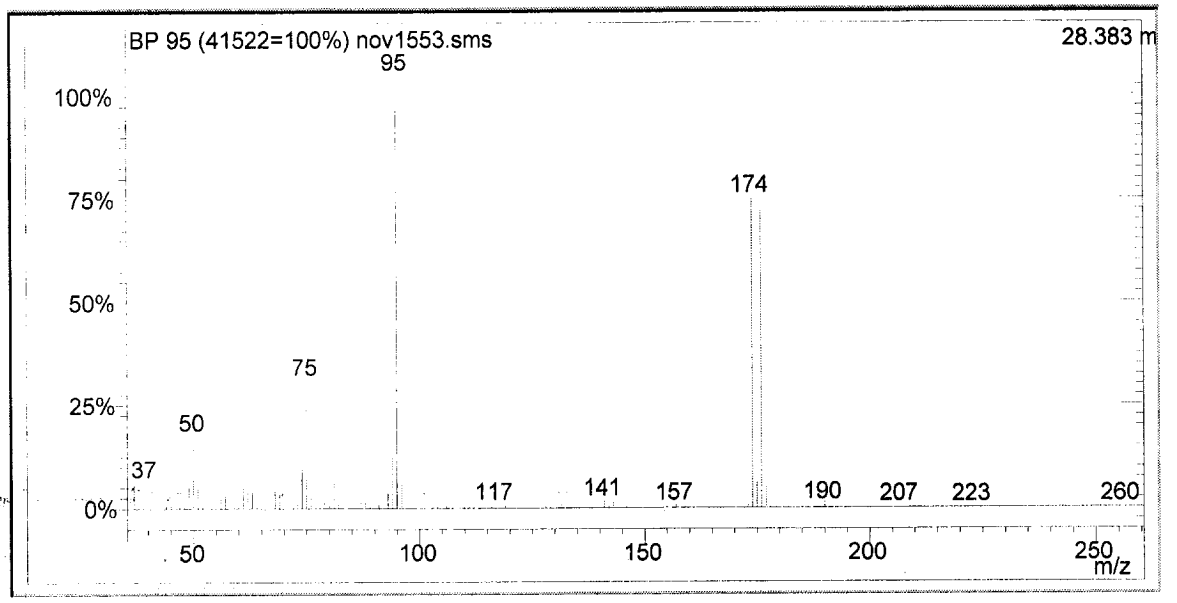
Directory for Data Files: c:\saturnws\data\6nov02

Data File Names: nov%i

Create and update a new RecalcList: c:\saturnws\8260list.rcl.

Overwrite the RecalcList each time the SampleList begins.

BFB 8260B Report



Lab File ID nov1553.sms

Injection Date: 11/27/02

Injection Time: 13:15

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	17.62	PASS
75	30-60% of m/z 95	31.17	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	5.94	PASS
173	<2% of m/z 174	0.79	PASS
174	>50% of m/z 95	75.16	PASS
175	5-9% of m/z 174	8.08	PASS
176	>95% but <101% of m/z 174	96.19	PASS
177	5-9% of m/z 176	6.82	PASS

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Methyl-tert-butyl-ether (MTBE)	0.524	0.482	0.493	0.485	0.557	0.560	0.628	**0.533**	**10.0**
t-1,2-Dichloroethene	1.064	0.935	0.929	0.770	0.703	0.667	0.623	**0.813**	**20.3**
1,1-Dichloroethane	0.674	0.625	0.635	0.567	0.528	0.510	0.492	**0.576**	**12.2**
Isopropyl ether	0.893	0.843	0.832	0.746	0.721	0.679	0.675	**0.770**	**11.2**
Ethyl-tert-butyl-ether	0.949	0.946	0.921	0.805	0.772	0.725	0.721	**0.834**	**12.2**
2,2-Dichloropropane	0.981	0.885	0.916	0.813	0.786	0.778	0.774	**0.847**	**9.5**
c-1,2-Dichloroethene	0.860	0.871	0.888	0.829	0.839	0.837	0.856	**0.854**	**2.4**
2-Butanone (MEK)	0.087	0.076	0.074	0.066	0.083	0.078	0.095	**0.080**	**11.8**
Bromochloromethane	0.471	0.508	0.519	0.490	0.523	0.504	0.539	**0.508**	**4.4**
Methacrylonitrile	0.512	0.475	0.493	0.451	0.429	0.425	0.429	**0.459**	**7.6**
Chloroform	1.030	1.019	1.060	0.996	1.017	1.024	1.068	**1.030**	**2.4**
1,1,1-Trichloroethane	1.307	1.258	1.371	1.261	1.263	1.297	1.350	**1.301**	**3.5**
Dibromofluoromethane (Surr1)	0.207	0.217	0.209	0.210	0.212	0.214	0.226	**0.214**	**2.9**
Carbon Tetrachloride	0.960	1.004	1.101	1.006	1.013	1.044	1.098	**1.032**	**5.1**
1,1-Dichloropropene	0.797	0.624	0.597	0.437	0.391	0.508	0.313	**0.524**	**31.2**
Benzene	0.931	0.786	0.791	0.729	0.752	0.751	0.780	**0.789**	**8.4**
1,2-Dichloroethane-d4 (Surr2)	0.303	0.295	0.269				0.203	**0.268**	**16.9**
1,2-Dichloroethane	0.653	0.630	0.594	0.504	0.483	0.435	0.439	**0.534**	**17.0**
tert-Amyl-methyl-ether	1.016	0.951	0.941	0.865	0.898	0.854	0.910	**0.919**	**6.0**
Trichloroethene	1.889	1.663	1.754	1.662	1.640	1.601	1.654	**1.695**	**5.7**
1,2-Dichloropropane	0.516	0.508	0.479	0.428	0.401	0.376	0.364	**0.439**	**14.2**
Dibromomethane	0.578	0.584	0.609	0.552	0.565	0.537	0.571	**0.571**	**4.1**
Bromodichloromethane	1.214	1.230	1.232	1.185	1.178	1.175	1.226	**1.206**	**2.1**
2-Chloroethyl vinyl ether	0.298	0.286	0.311	0.267	0.285	0.251	0.275	**0.282**	**7.0**
c-1,3-Dichloropropene	1.503	1.400	1.382	1.276	1.236	1.201	1.194	**1.313**	**8.9**
4-Methyl-2-pentanone	0.389	0.376	0.404	0.361	0.370	0.332	0.352	**0.369**	**6.4**
Toluene-d8 (Surr3)	1.490	1.480	1.481	1.430	1.430	1.403	1.386	**1.443**	**2.9**
Toluene	4.123	3.621	3.727	3.415	3.323	3.312	3.310	**3.547**	**8.5**
t-1,3-Dichloropropene	0.718	0.631	0.627	0.578	0.595	0.002	0.596	**0.535**	**44.8**
1,1,2-Trichloroethane	0.578	0.672	0.695	0.661	0.671	0.648	0.679	**0.658**	**5.8**
Tetrachloroethene	0.191	0.155	0.156	0.147	0.142	0.142	0.147	**0.154**	**11.0**
1,3-Dichloropropane	1.003	0.983	0.989	0.938	0.975	0.948	1.009	**0.978**	**2.7**
Dibromochloromethane	0.687	0.735	0.758	0.700	0.738	0.708	0.747	**0.725**	**3.6**
1,2-Dibromoethane	0.806	0.783	0.852	0.773	0.824	0.773	0.832	**0.806**	**3.9**

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
1-Chlorohexane	3.034	2.639	2.670	2.386	2.319	2.229	2.227	**2.501**	**11.8**
Chlorobenzene	2.388	2.020	2.112	1.917	1.918	1.936	1.961	**2.036**	**8.3**
Ethylbenzene	10.331	8.560	8.577	8.176	8.206	8.552	8.905	**8.758**	**8.4**
1,1,1,2-Tetrachloroethane	24.225	5.781	2.246	1.171	0.787	0.624	0.514	**5.050**	**171.4**
p,m-Xylenes	9.172	7.293	7.251	6.846	6.766	7.106	7.425	**7.408**	**11.0**
o-Xylene	9.005	7.410	7.569	7.283	7.214	7.447	7.613	**7.649**	**8.0**
Styrene	5.401	4.590	4.611	4.452	4.571	4.806	5.044	**4.782**	**7.0**
Bromoform	1.136	1.025	1.005	0.946	0.986	0.959	1.004	**1.009**	**6.2**
Isopropylbenzene	9.768	8.467	8.494	8.019	7.826	8.078	8.319	**8.424**	**7.6**
cis-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	**0.612**	**10.8**
p-Bromofluorobenzene (Surr4)	1.404	1.382	1.344	1.356	1.350	1.368	1.388	**1.370**	**1.6**
1,1,2,2-Tetrachloroethane	1.458	1.567	1.507	1.349	1.404	1.386	1.450	**1.446**	**5.1**
Bromobenzene	4.000	3.668	3.508	3.266	3.120	3.067	3.051	**3.383**	**10.6**
n-Propylbenzene	11.098	9.414	9.619	9.181	9.149	9.467	9.800	**9.676**	**6.9**
trans-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	**0.612**	**10.8**
1,2,3-Trichloropropane	1.083	0.999	0.927	0.824	0.825	0.776	0.842	**0.897**	**12.4**
2-Chlorotoluene	7.825	6.501	6.151	5.826	5.710	5.782	5.900	**6.242**	**12.0**
1,3,5-Trimethylbenzene	9.214	7.748	7.752	7.247	7.070	7.273	7.475	**7.683**	**9.4**
4-Chlorotoluene	6.528	5.609	5.569	5.388	5.261	5.270	5.393	**5.574**	**7.9**
tert-Butylbenzene	12.564	10.652	10.592	9.794	9.456	9.684	9.530	**10.325**	**10.7**
1,2,4-Trimethylbenzene	8.218	7.186	7.075	6.575	6.494	6.574	6.643	**6.966**	**8.8**
Pentachloroethane		0.034	0.030	0.032	0.029	0.031	0.033	**0.031**	**5.8**
sec-Butylbenzene	9.996	8.283	8.328	7.913	7.738	7.890	7.816	**8.280**	**9.5**
4-Isopropyltoluene	6.605	5.598	5.590	5.099	4.902	4.961	4.948	**5.386**	**11.4**
1,3-Dichlorobenzene	3.957	3.742	3.706	3.528	3.439	3.407	3.451	**3.604**	**5.7**
1,4-Dichlorobenzene	4.021	3.479	3.377	3.287	3.257	3.227	3.239	**3.412**	**8.3**
Benzyl Chloride	5.145	4.341	4.321	4.052	3.981	4.030	3.997	**4.267**	**9.7**
n-Butylbenzene	7.021	5.980	6.124	5.938	5.964	6.192	6.250	**6.210**	**6.1**
1,2-Dichlorobenzene	3.323	3.326	3.220	3.096	3.169	3.164	3.256	**3.222**	**2.7**
1,2-Dibromo-3-chloropropane	0.493	0.423	0.460	0.440	0.480	0.453	0.520	**0.467**	**7.1**
1,2,4-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	**1.625**	**11.1**
Hexachlorobutadiene	1.531	1.225	1.202	1.165	1.166	1.177	1.223	**1.241**	**10.5**
Naphthalene	1.598	1.418	1.353	1.358	1.524	1.531	1.749	**1.504**	**9.5**
1,2,3-Trichlorobbenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	**1.625**	**11.1**

0001220

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 11/27/02 Time: 14:02

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Lab File ID: c:\saturnws\data\6nov02\nov1554.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.000	0.100	100.0	20.0
Chloromethane	0.203	0.279	0.100	-37.1	20.0
Vinyl Chloride	0.425	0.476	0.100	-11.8	20.0
Bromomethane	0.171	0.000	0.100	100.0	20.0
Trichlorofluoromethane	0.915	1.126	0.100	-23.0	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.155	0.100	-15.5	20.0
Acetone	0.056	0.061	0.100	-8.9	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.000	0.100	100.0	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.330	0.100	-19.8	20.0
tert-Butanol	0.018	0.098	0.100	-460.5	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.467	0.100	12.4	20.0
t-1,2-Dichloroethene	0.813	0.935	0.100	-15.0	20.0
1,1-Dichloroethane	0.576	0.630	0.100	-9.4	20.0
Isopropyl ether	0.770	0.849	0.100	-10.3	20.0
Ethyl-tert-butyl-ether	0.834	0.940	0.100	-12.7	20.0
2,2-Dichloropropane	0.847	0.920	0.100	-8.6	20.0
c-1,2-Dichloroethene	0.854	0.881	0.100	-3.1	20.0
2-Butanone (MEK)	0.080	0.091	0.100	-13.4	20.0
Bromochloromethane	0.508	0.502	0.100	1.1	20.0
Methacrylonitrile	0.459	0.000	0.100	100.0	20.0
Chloroform	1.030	1.029	0.100	0.1	20.0
1,1,1-Trichloroethane	1.301	1.404	0.100	-7.9	20.0
Dibromofluoromethane (Surr1)	0.214	0.229	0.100	-7.1	20.0
Carbon Tetrachloride	1.032	1.093	0.100	-5.8	20.0
1,1-Dichloropropene	0.524	0.278	0.100	47.0	20.0
Benzene	0.789	0.750	0.100	4.9	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.261	0.100	2.2	20.0
1,2-Dichloroethane	0.534	0.562	0.100	-5.2	20.0
tert-Amyl-methyl-ether	0.919	0.865	0.100	5.9	20.0
Trichloroethene	1.695	1.908	0.100	-12.6	20.0
1,2-Dichloropropane	0.439	0.499	0.100	-13.7	20.0
Dibromomethane	0.571	0.628	0.100	-9.9	20.0
Bromodichloromethane	1.206	1.286	0.100	-6.7	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.324	0.100	-15.1	20.0
c-1,3-Dichloropropene	1.313	1.346	0.100	-2.5	20.0
4-Methyl-2-pentanone	0.369	0.435	0.100	-18.0	20.0
Toluene-d8 (Surr3)	1.443	1.476	0.100	-2.3	20.0
Toluene	3.547	3.974	0.100	-12.0	20.0
t-1,3-Dichloropropene	0.535	0.598	0.100	-11.8	20.0
1,1,2-Trichloroethane	0.658	0.708	0.100	-7.6	20.0
Tetrachloroethene	0.154	0.168	0.100	-8.9	20.0
1,3-Dichloropropane	0.978	0.964	0.100	1.4	20.0
Dibromochloromethane	0.725	0.770	0.100	-6.3	20.0
1,2-Dibromoethane	0.806	0.854	0.100	-5.9	20.0
1-Chlorohexane	2.501	2.830	0.100	-13.2	20.0
Chlorobenzene	2.036	2.154	0.100	-5.8	20.0
Ethylbenzene	8.758	8.752	0.100	0.1	20.0
1,1,1,2-Tetrachloroethane	5.050	2.036	0.100	59.7	20.0
p,m-Xylenes	7.408	7.287	0.100	1.6	20.0
o-Xylene	7.649	7.876	0.100	-3.0	20.0
Styrene	4.782	4.580	0.100	4.2	20.0
Bromoform	1.009	1.025	0.100	-1.6	20.0
Isopropylbenzene	8.424	8.892	0.100	-5.5	20.0
cis-1,4-Dichloro-2-butene	0.612	0.600	0.100	2.1	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.429	0.100	-4.3	20.0
1,1,2,2-Tetrachloroethane	1.446	1.442	0.100	0.3	20.0
Bromobenzene	3.383	3.448	0.100	-1.9	20.0
n-Propylbenzene	9.676	10.039	0.100	-3.8	20.0
trans-1,4-Dichloro-2-butene	0.612	0.000	0.100	100.0	20.0
1,2,3-Trichloropropane	0.897	0.922	0.100	-2.8	20.0
2-Chlorotoluene	6.242	6.177	0.100	1.0	20.0
1,3,5-Trimethylbenzene	7.683	8.411	0.100	-9.5	20.0
4-Chlorotoluene	5.574	5.865	0.100	-5.2	20.0
tert-Butylbenzene	10.325	11.573	0.100	-12.1	20.0
1,2,4-Trimethylbenzene	6.966	7.967	0.100	-14.4	20.0
Pentachloroethane	0.031	0.036	0.100	-13.9	20.0
sec-Butylbenzene	8.280	8.963	0.100	-8.2	20.0
4-Isopropyltoluene	5.386	6.003	0.100	-11.5	20.0
1,3-Dichlorobenzene	3.604	3.793	0.100	-5.2	20.0
1,4-Dichlorobenzene	3.412	3.433	0.100	-0.6	20.0
Benzyl Chloride	4.267	4.713	0.100	-10.5	20.0
n-Butylbenzene	6.210	6.702	0.100	-7.9	20.0
1,2-Dichlorobenzene	3.222	3.258	0.100	-1.1	20.0
1,2-Dibromo-3-chloropropane	0.467	0.432	0.100	7.4	20.0
1,2,4-Trichlorobenzene	1.625	1.674	0.100	-3.0	20.0
Hexachlorobutadiene	1.241	1.269	0.100	-2.2	20.0
Naphthalene	1.504	1.324	0.100	12.0	20.0
1,2,3-Trichlorobenzene	1.625	1.349	0.100	17.0	20.0

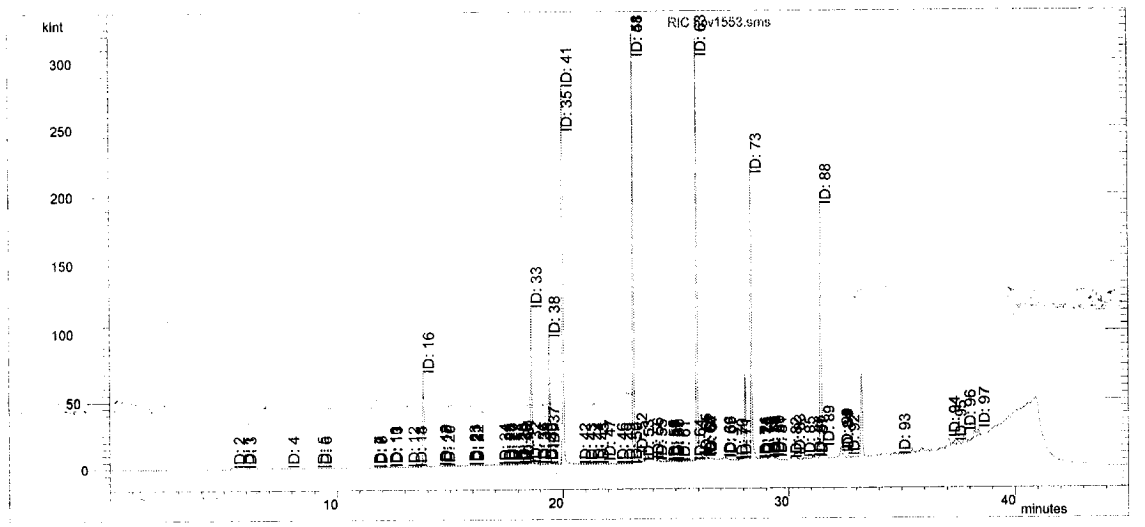
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1553.sms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 1 **Acquisition Dat** 11/27/02 1:15:11 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.008	96+70	Fluorobenzene (IS1)	998	455604	50.000
63	25.960	117	Chlorobenzene-d5(IS2)	983	258253	50.000
88	31.438	152	1,4-Dichlorobenzene-d4(IS3)	976	117622	50.000
1	5.857	85	Dichlorodifluoromethane	97	0	0.000
2	5.458	50+52	Chloromethane	465	0	0.000
3	5.947	62+64	Vinyl Chloride	615	0	0.000
4	7.845	94+96	Bromomethane	743	0	0.000
5	9.152	49	Chloroethane	642	0	0.000
6	9.269	101+103	Trichlorofluoromethane	847	195	0.023
7	11.642	101+151	Trichlorotrifluoroethane (Freon 113)	563	0	0.000
8	11.693	56	Acrolein	698	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	806	0	0.000
10	12.350	142	Iodomethane	927	214	214.430
11	12.384	43+58	Acetone	695	0	0.000
12	13.169	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.411	76	Carbon disulfide	966	0	0.000
14	13.489	41	Acetonitrile	338	0	0.000
15	13.489	41	Allyl chloride	628	0	0.000
16	13.826	84+49+86	Methylene Chloride	998	163130	16.134
17	14.610	59	tert-Butanol	455	0	0.000
18	14.570	73	Methyl-tert-butyl-ether (MTBE)	872	0	0.000
19	14.558	61+96	t-1,2-Dichloroethene	861	0	0.000
20	14.724	53	Acrylonitrile	638	0	0.000
21	15.944	63	1,1-Dichloroethane	691	0	0.000
22	16.007	43	Vinyl acetate	88	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.865	45	Isopropyl ether	347	0	0.000
24	17.187	59	Ethyl-tert-butyl-ether	701	0	0.000
25	17.392	77+41	2,2-Dichloropropane	507	0	0.000
26	17.495	61+96	c-1,2-Dichloroethene	854	0	0.000
27	17.597	43+72	2-Butanone (MEK)	256	0	0.000
28	17.968	54	Propionitrile	560	0	0.000
29	18.062	130+49	Bromochloromethane	893	531	0.115
30	18.138	39	Methacrylonitrile	481	0	0.000
31	18.236	83+85	Chloroform	995	7159	0.763
32	18.548	97+99	1,1,1-Trichloroethane	661	0	0.000
33	18.613	111	Dibromofluoromethane (Surr1)	792	105743	54.333
34	18.999	117+119	Carbon Tetrachloride	645	0	0.000
35	20.000	42+72	Tetrahydrofuran	308	254	253.685
36	18.897	75+39	1,1-Dichloropropene	570	0	0.000
37	19.369	78	Benzene	773	592	0.082
38	19.409	65	1,2-Dichloroethane-d4 (Surr2)	933	133042	54.667
39	19.216	62+64	1,2-Dichloroethane	526	0	0.000
40	19.307	73+55+87	tert-Amyl-methyl-ether	616	0	0.000
42	20.740	130+132+95	Trichloroethene	829	0	0.000
43	21.024	41	Methyl methacrylate	353	0	0.000
44	21.332	63+65	1,2-Dichloropropane	427	0	0.000
45	21.549	93+174	Dibromomethane	877	0	0.000
46	22.410	88	1,4-Dioxane	534	0	0.000
47	21.835	83+85	Bromodichloromethane	941	3290	0.528
48	23.136	63+43	2-Chloroethyl vinyl ether	301	3688	2.533
49	22.717	75+77+39	c-1,3-Dichloropropene	596	0	0.000
50	23.010	43+58	4-Methyl-2-pentanone	368	0	0.000
51	23.137	98	Toluene-d8 (Surr3)	993	409888	55.001
52	23.271	92+91	Toluene	926	4580	0.250
53	23.556	69	Ethyl methacrylate	377	0	0.000
54	24.685	43+58+100	2-Hexanone	504	0	0.000
55	24.132	75+77	t-1,3-Dichloropropene	472	0	0.000
56	23.979	97+99	1,1,2-Trichloroethane	417	0	0.000
57	24.799	164+166	Tetrachloroethene	575	0	0.000
58	24.685	76+41	1,3-Dichloropropane	608	0	0.000
59	24.697	43	Isobutyl alcohol	485	0	0.000
60	24.890	129+127	Dibromochloromethane	866	0	0.000
61	25.158	107+109	1,2-Dibromoethane	702	0	0.000
62	26.294	91	1-Chlorohexane	786	0	0.000
64	25.825	112+114	Chlorobenzene	423	0	0.000
65	26.117	106+91	Ethylbenzene	900	0	0.000
66	26.271	131+117	1,1,1,2-Tetrachloroethane	274	0	0.000
67	26.349	106+91	p,m-Xylenes	989	0	0.000
68	27.154	106+91	o-Xylene	956	0	0.000
69	27.206	104+78	Styrene	899	0	0.000
70	27.695	171+173+175	Bromoform	829	0	0.000
71	27.872	105+120	Isopropylbenzene	946	0	0.000
72	28.876	75	cis-1,4-Dichloro-2-butene	605	0	0.000
73	28.371	95	p-Bromofluorobenzene (Surr4)	988	163799	50.816
74	28.710	83+85	1,1,2,2-Tetrachloroethane	517	0	0.000
75	28.761	77+158	Bromobenzene	943	0	0.000
76	28.825	91+120	n-Propylbenzene	948	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.172	75	trans-1,4-Dichloro-2-butene	450	0	0.000
78	29.120	75+110	1,2,3-Trichloropropane	661	0	0.000
79	29.172	91+126	2-Chlorotoluene	964	0	0.000
80	29.337	105+120	1,3,5-Trimethylbenzene	969	0	0.000
81	29.451	91+126	4-Chlorotoluene	956	0	0.000
82	30.094	119+91	tert-Butylbenzene	925	0	0.000
83	30.253	105+120	1,2,4-Trimethylbenzene	989	4006	0.244
84	32.391	117	Pentachloroethane	979	0	0.000
85	30.702	105+134	sec-Butylbenzene	985	2409	0.124
86	31.147	119	4-Isopropyltoluene	966	0	0.000
87	31.238	146+148	1,3-Dichlorobenzene	920	0	0.000
89	31.555	146+148	1,4-Dichlorobenzene	484	0	0.000
90	32.347	91	Benzyl Chloride	981	6934	0.691
91	32.346	91+134	n-Butylbenzene	976	9720	0.665
92	32.660	146+148	1,2-Dichlorobenzene	947	1232	0.163
93	34.903	75+157	1,2-Dibromo-3-chloropropane	628	0	0.000
94	37.095	180+182	1,2,4-Trichlorobenzene	973	6418	1.679
95	37.376	225+226	Hexachlorobutadiene	968	0	0.000
96	37.786	128	Naphthalene	979	9901	2.798
97	38.407	180+182	1,2,3-Trichlorobenzene	978	5906	1.545

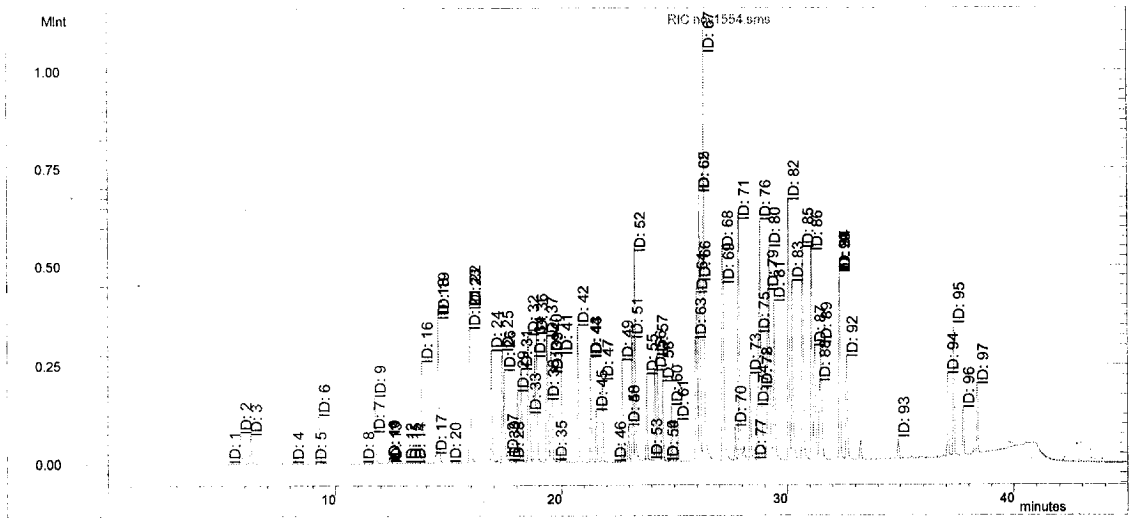
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1554.sms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv **Acquisition Dat** 11/27/02 2:02:06 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.013	96+70	Fluorobenzene (IS1)	999	456819	50.000
63	25.962	117	Chlorobenzene-d5(IS2)	982	261895	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	968	121841	50.000
1	5.332	85	Dichlorodifluoromethane	583	0	0.000
2	5.828	50+52	Chloromethane	994	127299	68.565
3	6.278	62+64	Vinyl Chloride	999	217285	55.894
4	8.124	94+96	Bromomethane	833	0	0.000
5	9.101	49	Chloroethane	443	0	0.000
6	9.274	101+103	Trichlorofluoromethane	993	514250	61.485
7	11.702	101+151	Trichlorotrifluoroethane (Freon 113)	831	0	0.000
8	11.227	56	Acrolein	841	0	0.000
9	11.740	96+61+98	1,1-Dichloroethene	998	527676	57.742
10	12.349	142	Iodomethane	954	1815	1815.486
11	12.366	43+58	Acetone	976	27783	54.458
12	13.128	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.438	76	Carbon disulfide	930	0	0.000
14	13.503	41	Acetonitrile	520	0	0.000
15	13.298	41	Allyl chloride	729	0	0.000
16	13.834	84+49+86	Methylene Chloride	997	607468	59.921
17	14.434	59	tert-Butanol	576	44980	280.225
18	14.541	73	Methyl-tert-butyl-ether (MTBE)	929	213162	43.795
19	14.558	61+96	t-1,2-Dichloroethene	988	426998	57.488
20	15.072	53	Acrylonitrile	523	0	0.000
21	15.939	63	1,1-Dichloroethane	984	287795	54.699
22	15.964	43	Vinyl acetate	893	155655	155654.800

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.965	45	Isopropyl ether	991	387747	55.138
24	16.910	59	Ethyl-tert-butyl-ether	999	429362	56.334
25	17.389	77+41	2,2-Dichloropropane	993	420355	54.296
26	17.481	61+96	c-1,2-Dichloroethene	991	402244	51.542
27	17.591	43+72	2-Butanone (MEK)	966	41459	56.711
28	17.860	54	Propionitrile	178	0	0.000
29	18.066	130+49	Bromochloromethane	997	229393	49.465
30	17.679	39	Methacrylonitrile	407	0	0.000
31	18.239	83+85	Chloroform	999	470006	49.928
32	18.546	97+99	1,1,1-Trichloroethane	983	641384	53.965
33	18.617	111	Dibromofluoromethane (Surr1)	942	104470	53.537
34	18.835	117+119	Carbon Tetrachloride	961	499208	52.924
35	19.741	42+72	Tetrahydrofuran	628	0	0.000
36	18.920	75+39	1,1-Dichloropropene	993	126856	26.506
37	19.372	78	Benzene	996	342515	47.544
38	19.415	65	1,2-Dichloroethane-d4 (Surr2)	983	119266	48.876
39	19.583	62+64	1,2-Dichloroethane	985	256610	52.578
40	19.546	73+55+87	tert-Amyl-methyl-ether	977	395300	47.072
42	20.743	130+132+95	Trichloroethene	988	499796	56.304
43	21.308	41	Methyl methacrylate	525	100253	100253.200
44	21.307	63+65	1,2-Dichloropropane	999	130758	56.862
45	21.558	93+174	Dibromomethane	955	164356	54.960
46	22.364	88	1,4-Dioxane	456	14	14.153
47	21.835	83+85	Bromodichloromethane	990	336900	53.350
48	22.969	63+43	2-Chloroethyl vinyl ether	989	84965	57.531
49	22.710	75+77+39	c-1,3-Dichloropropene	991	352571	51.251
50	22.969	43+58	4-Methyl-2-pentanone	989	114014	58.987
51	23.141	98	Toluene-d8 (Surr3)	993	386533	51.146
52	23.272	92+91	Toluene	996	1040890	56.019
53	23.991	69	Ethyl methacrylate	470	0	0.000
54	24.690	43+58+100	2-Hexanone	547	0	0.000
55	23.804	75+77	t-1,3-Dichloropropene	646	156627	55.875
56	24.165	97+99	1,1,2-Trichloroethane	972	185335	53.785
57	24.278	164+166	Tetrachloroethene	963	43997	54.433
58	24.504	76+41	1,3-Dichloropropane	987	252503	49.301
59	24.690	43	Isobutyl alcohol	602	0	0.000
60	24.890	129+127	Dibromochloromethane	955	201652	53.126
61	25.163	107+109	1,2-Dibromoethane	982	223545	52.946
62	26.121	91	1-Chlorohexane	998	741289	56.598
64	26.018	112+114	Chlorobenzene	992	564107	52.898
65	26.121	106+91	Ethylbenzene	998	1066309	49.962
66	26.162	131+117	1,1,1,2-Tetrachloroethane	982	248100	20.163
67	26.339	106+91	p,m-Xylenes	996	1775792	98.368
68	27.156	106+91	o-Xylene	998	959607	51.485
69	27.201	104+78	Styrene	988	558019	47.884
70	27.706	171+173+175	Bromoform	930	124843	50.796
71	27.878	105+120	Isopropylbenzene	999	1083363	52.773
72	28.875	75	cis-1,4-Dichloro-2-butene	971	73051	48.973
73	28.374	95	p-Bromofluorobenzene (Surr4)	987	174066	52.131
74	28.702	83+85	1,1,2,2-Tetrachloroethane	970	175659	49.858
75	28.762	77+158	Bromobenzene	989	420112	50.961
76	28.820	91+120	n-Propylbenzene	996	1223117	51.876

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.578	75	trans-1,4-Dichloro-2-butene	433	0	0.000
78	28.875	75+110	1,2,3-Trichloropropane	967	112309	51.400
79	29.164	91+126	2-Chlorotoluene	991	752571	49.476
80	29.237	105+120	1,3,5-Trimethylbenzene	998	1024774	54.739
81	29.446	91+126	4-Chlorotoluene	991	714580	52.607
82	30.083	119+91	tert-Butylbenzene	986	1410031	56.045
83	30.253	105+120	1,2,4-Trimethylbenzene	995	970707	57.183
84	32.336	117	Pentachloroethane	990	4341	56.961
85	30.704	105+134	sec-Butylbenzene	996	1092116	54.125
86	31.098	119	4-Isopropyltoluene	987	731410	55.726
87	31.233	146+148	1,3-Dichlorobenzene	989	462177	52.621
89	31.513	146+148	1,4-Dichlorobenzene	980	418279	50.300
90	32.332	91	Benzyl Chloride	991	574247	55.231
91	32.332	91+134	n-Butylbenzene	991	816564	53.963
92	32.647	146+148	1,2-Dichlorobenzene	985	396898	50.555
93	34.923	75+157	1,2-Dibromo-3-chloropropane	963	52667	46.278
94	37.090	180+182	1,2,4-Trichlorobenzene	976	203995	51.516
95	37.363	225+226	Hexachlorobutadiene	981	154626	51.118
96	37.784	128	Naphthalene	982	161335	44.008
97	38.405	180+182	1,2,3-Trichlorobenzene	983	164412	41.520

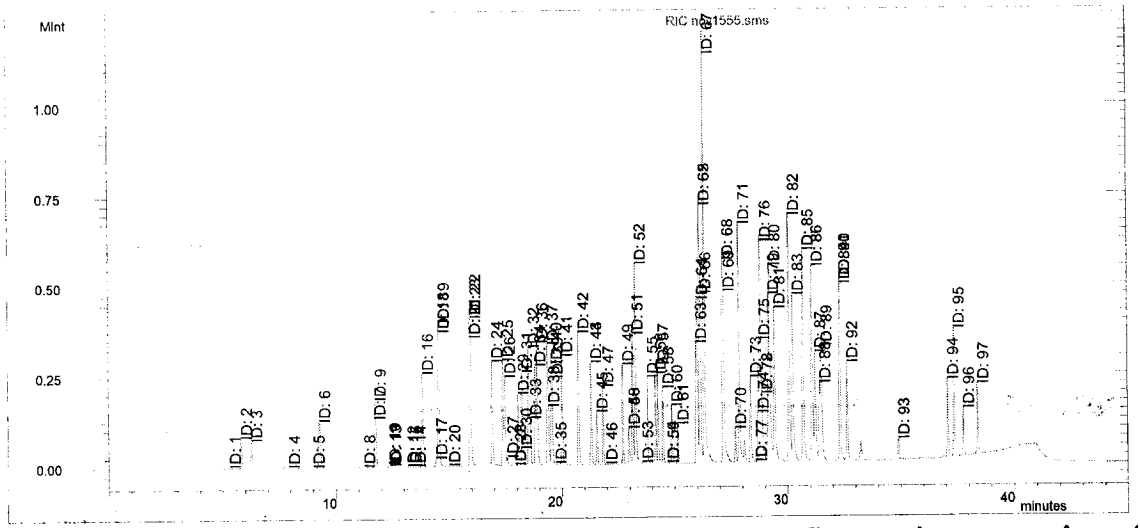
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1555.sms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 1 **Acquisition Dat** 11/27/02 2:49:05 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.012	96+70	Fluorobenzene (IS1)	999	484191	50.000
63	25.961	117	Chlorobenzene-d5(IS2)	988	275737	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	972	125385	50.000
1	5.335	85	Dichlorodifluoromethane	618	271	78.953
2	5.827	50+52	Chloromethane	993	131203	66.672
3	6.277	62+64	Vinyl Chloride	998	226079	54.869
4	7.944	94+96	Bromomethane	660	0	0.000
5	9.009	49	Chloroethane	113	0	0.000
6	9.277	101+103	Trichlorofluoromethane	994	531062	59.906
7	11.715	101+151	Trichlorotrifluoroethane (Freon 113)	832	0	0.000
8	11.251	56	Acrolein	698	0	0.000
9	11.740	96+61+98	1,1-Dichloroethene	999	565082	58.339
10	12.350	142	Iodomethane	951	1835	1835.125
11	12.362	43+58	Acetone	969	27638	51.112
12	13.181	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.423	76	Carbon disulfide	849	0	0.000
14	13.489	41	Acetonitrile	572	0	0.000
15	13.283	41	Allyl chloride	753	0	0.000
16	13.834	84+49+86	Methylene Chloride	999	617493	57.467
17	14.432	59	tert-Butanol	589	44110	259.268
18	14.540	73	Methyl-tert-butyl-ether (MTBE)	933	217428	42.146
19	14.558	61+96	t-1,2-Dichloroethene	988	445617	56.603
20	15.007	53	Acrylonitrile	747	0	0.000
21	15.939	63	1,1-Dichloroethane	982	300698	53.920
22	15.963	43	Vinyl acetate	863	163107	163107.400

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.965	45	Isopropyl ether	992	410050	55.013
24	16.909	59	Ethyl-tert-butyl-ether	999	430216	53.255
25	17.389	77+41	2,2-Dichloropropane	993	435920	53.124
26	17.481	61+96	c-1,2-Dichloroethene	991	424478	51.316
27	17.592	43+72	2-Butanone (MEK)	966	41548	53.620
28	17.934	54	Propionitrile	600	0	0.000
29	18.066	130+49	Bromochloromethane	997	245938	50.035
30	18.198	39	Methacrylonitrile	465	0	0.000
31	18.239	83+85	Chloroform	1000	505714	50.684
32	18.546	97+99	1,1,1-Trichloroethane	983	649052	51.523
33	18.616	111	Dibromofluoromethane (Surr1)	939	108972	52.687
34	18.834	117+119	Carbon Tetrachloride	967	518991	51.911
35	19.711	42+72	Tetrahydrofuran	555	0	0.000
36	18.919	75+39	1,1-Dichloropropene	994	127274	25.090
37	19.372	78	Benzene	996	367541	48.134
38	19.415	65	1,2-Dichloroethane-d4 (Surr2)	985	125744	48.618
39	19.582	62+64	1,2-Dichloroethane	974	272446	52.667
40	19.546	73+55+87	tert-Amyl-methyl-ether	972	418798	47.050
42	20.742	130+132+95	Trichloroethene	987	524771	56.150
43	21.306	41	Methyl methacrylate	540	104821	104821.100
44	21.306	63+65	1,2-Dichloropropane	998	142083	58.685
45	21.559	93+174	Dibromomethane	957	178477	56.685
46	21.976	88	1,4-Dioxane	551	0	0.000
47	21.834	83+85	Bromodichloromethane	988	344000	51.739
48	22.968	63+43	2-Chloroethyl vinyl ether	989	86599	55.694
49	22.709	75+77+39	c-1,3-Dichloropropene	991	372278	51.399
50	22.968	43+58	4-Methyl-2-pentanone	989	116661	57.326
51	23.140	98	Toluene-d8 (Surr3)	993	440522	55.363
52	23.270	92+91	Toluene	997	1120899	57.297
53	23.564	69	Ethyl methacrylate	468	0	0.000
54	24.692	43+58+100	2-Hexanone	483	0	0.000
55	23.801	75+77	t-1,3-Dichloropropene	660	161833	54.834
56	24.164	97+99	1,1,2-Trichloroethane	972	194015	53.477
57	24.275	164+166	Tetrachloroethene	947	44333	52.094
58	24.503	76+41	1,3-Dichloropropane	986	263503	48.866
59	24.704	43	Isobutyl alcohol	599	0	0.000
60	24.889	129+127	Dibromochloromethane	951	218951	54.787
61	25.161	107+109	1,2-Dibromoethane	983	227633	51.207
62	26.120	91	1-Chlorohexane	997	768577	55.736
64	26.016	112+114	Chlorobenzene	992	578347	51.511
65	26.120	106+91	Ethylbenzene	997	1105595	50.338
66	26.160	131+117	1,1,1,2-Tetrachloroethane	982	262276	20.712
67	26.339	106+91	p,m-Xylenes	996	1926071	103.676
68	27.154	106+91	o-Xylene	998	978151	50.996
69	27.199	104+78	Styrene	988	590508	49.240
70	27.705	171+173+175	Bromoform	934	127835	50.543
71	27.877	105+120	Isopropylbenzene	999	1143334	54.119
72	28.874	75	cis-1,4-Dichloro-2-butene	968	74662	48.638
73	28.373	95	p-Bromofluorobenzene (Surr4)	987	182721	53.176
74	28.700	83+85	1,1,2,2-Tetrachloroethane	971	174090	48.015
75	28.761	77+158	Bromobenzene	985	436346	51.434
76	28.818	91+120	n-Propylbenzene	995	1278494	52.692

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.584	75	trans-1,4-Dichloro-2-butene	411	0	0.000
78	28.874	75+110	1,2,3-Trichloropropane	967	112864	50.194
79	29.162	91+126	2-Chlorotoluene	991	793380	50.684
80	29.235	105+120	1,3,5-Trimethylbenzene	998	1083843	56.258
81	29.446	91+126	4-Chlorotoluene	992	743545	53.192
82	30.083	119+91	tert-Butylbenzene	984	1467469	56.679
83	30.254	105+120	1,2,4-Trimethylbenzene	995	994981	56.956
84	32.326	117	Pentachloroethane	989	4561	58.149
85	30.702	105+134	sec-Butylbenzene	996	1133430	54.584
86	31.096	119	4-Isopropyltoluene	988	763973	56.561
87	31.232	146+148	1,3-Dichlorobenzene	984	486687	53.845
89	31.511	146+148	1,4-Dichlorobenzene	973	460065	53.761
90	32.331	91	Benzyl Chloride	990	607615	56.789
91	32.331	91+134	n-Butylbenzene	990	865331	55.569
92	32.646	146+148	1,2-Dichlorobenzene	985	412654	51.076
93	34.921	75+157	1,2-Dibromo-3-chloropropane	975	54579	46.602
94	37.087	180+182	1,2,4-Trichlorobenzene	976	217228	53.307
95	37.362	225+226	Hexachlorobutadiene	981	161524	51.889
96	37.781	128	Naphthalene	982	174849	46.346
97	38.403	180+182	1,2,3-Trichlorobenzene	983	186066	45.660

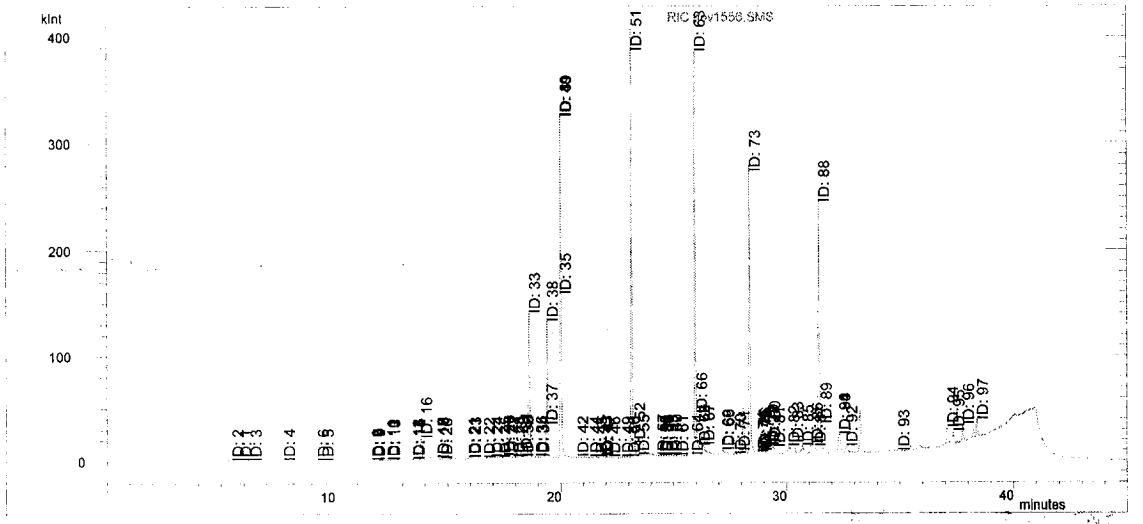
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1556.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102763-752 5.00g **Acquisition Dat** 11/27/02 3:36:06 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.006	96+70	Fluorobenzene (IS1)	999	553721	50.000
63	25.958	117	Chlorobenzene-d5(IS2)	983	339161	50.000
88	31.438	152	1,4-Dichlorobenzene-d4(IS3)	976	147542	50.000
1	5.847	85	Dichlorodifluoromethane	90	0	0.000
2	5.512	50+52	Chloromethane	581	0	0.000
3	6.297	62+64	Vinyl Chloride	823	0	0.000
4	7.784	94+96	Bromomethane	753	0	0.000
5	9.477	49	Chloroethane	678	0	0.000
6	9.267	101+103	Trichlorofluoromethane	858	385	0.038
7	11.669	101+151	Trichlorotrifluoroethane (Freon 113)	703	0	0.000
8	11.657	56	Acrolein	753	0	0.000
9	11.736	96+61+98	1,1-Dichloroethene	936	0	0.000
10	12.336	142	Iodomethane	917	143	143.476
11	12.365	43+58	Acetone	767	0	0.000
12	13.454	45	Isopropyl alcohol (2-Propanol)	209	0	0.000
13	12.416	76	Carbon disulfide	957	0	0.000
14	13.505	41	Acetonitrile	448	0	0.000
15	13.505	41	Allyl chloride	489	0	0.000
16	13.823	84+49+86	Methylene Chloride	995	45274	3.684
17	14.544	59	tert-Butanol	454	0	0.000
18	14.572	73	Methyl-tert-butyl-ether (MTBE)	853	0	0.000
19	14.544	61+96	t-1,2-Dichloroethene	930	0	0.000
20	14.710	53	Acrylonitrile	551	0	0.000
21	15.929	63	1,1-Dichloroethane	733	0	0.000
22	16.596	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.992	45	Isopropyl ether	410	0	0.000
24	16.943	59	Ethyl-tert-butyl-ether	684	0	0.000
25	17.275	77+41	2,2-Dichloropropane	380	0	0.000
26	17.480	61+96	c-1,2-Dichloroethene	905	0	0.000
27	17.610	43+72	2-Butanone (MEK)	571	0	0.000
28	17.918	54	Propionitrile	434	0	0.000
29	18.060	130+49	Bromochloromethane	929	0	0.000
30	18.305	39	Methacrylonitrile	270	0	0.000
31	18.235	83+85	Chloroform	985	7198	0.631
32	18.305	97+99	1,1,1-Trichloroethane	466	0	0.000
33	18.610	111	Dibromofluoromethane (Surr1)	772	127285	53.813
34	19.001	117+119	Carbon Tetrachloride	496	0	0.000
35	19.981	42+72	Tetrahydrofuran	310	206	205.701
36	18.910	75+39	1,1-Dichloropropene	804	0	0.000
37	19.370	78	Benzene	730	1453	0.166
38	19.407	65	1,2-Dichloroethane-d4 (Surr2)	954	183615	82.078
39	20.006	62+64	1,2-Dichloroethane	611	13523	2.286
40	20.004	73+55+87	tert-Amyl-methyl-ether	539	3863	0.379
42	20.743	130+132+95	Trichloroethene	899	0	0.000
43	21.785	41	Methyl methacrylate	441	0	0.000
44	21.308	63+65	1,2-Dichloropropane	586	0	0.000
45	21.564	93+174	Dibromomethane	871	0	0.000
46	22.156	88	1,4-Dioxane	515	0	0.000
47	21.832	83+85	Bromodichloromethane	952	3729	0.456
48	22.989	63+43	2-Chloroethyl vinyl ether	656	0	0.000
49	22.708	75+77+39	c-1,3-Dichloropropene	759	0	0.000
50	22.989	43+58	4-Methyl-2-pentanone	654	0	0.000
51	23.136	98	Toluene-d8 (Surr3)	993	501082	51.198
52	23.269	92+91	Toluene	941	9546	0.397
53	24.412	69	Ethyl methacrylate	308	0	0.000
54	24.439	43+58+100	2-Hexanone	532	0	0.000
55	23.447	75+77	t-1,3-Dichloropropene	413	0	0.000
56	24.400	97+99	1,1,2-Trichloroethane	536	0	0.000
57	24.285	164+166	Tetrachloroethene	830	0	0.000
58	24.514	76+41	1,3-Dichloropropane	770	0	0.000
59	24.695	43	Isobutyl alcohol	564	0	0.000
60	24.888	129+127	Dibromochloromethane	890	968	0.197
61	25.169	107+109	1,2-Dibromoethane	853	0	0.000
62	26.129	91	1-Chlorohexane	971	0	0.000
64	25.808	112+114	Chlorobenzene	760	0	0.000
65	26.124	106+91	Ethylbenzene	971	3153	0.122
66	26.007	131+117	1,1,1,2-Tetrachloroethane	641	0	0.000
67	26.338	106+91	p,m-Xylenes	991	0	0.000
68	27.157	106+91	o-Xylene	957	3520	0.156
69	27.206	104+78	Styrene	937	1409	0.100
70	27.719	171+173+175	Bromoform	841	0	0.000
71	27.877	105+120	Isopropylbenzene	983	4979	0.200
72	28.873	75	cis-1,4-Dichloro-2-butene	675	0	0.000
73	28.371	95	p-Bromofluorobenzene (Surr4)	987	211332	52.266
74	28.715	83+85	1,1,2,2-Tetrachloroethane	726	0	0.000
75	28.760	77+158	Bromobenzene	969	2810	0.281
76	28.821	91+120	n-Propylbenzene	956	6579	0.230

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.174	75	trans-1,4-Dichloro-2-butene	400	0	0.000
78	28.873	75+110	1,2,3-Trichloropropane	628	0	0.000
79	29.160	91+126	2-Chlorotoluene	979	0	0.000
80	29.241	105+120	1,3,5-Trimethylbenzene	985	0	0.000
81	29.444	91+126	4-Chlorotoluene	975	0	0.000
82	30.082	119+91	tert-Butylbenzene	971	9184	0.301
83	30.256	105+120	1,2,4-Trimethylbenzene	991	8914	0.434
84	32.331	117	Pentachloroethane	989	0	0.000
85	30.702	105+134	sec-Butylbenzene	986	12431	0.509
86	31.102	119	4-Isopropyltoluene	982	11008	0.693
87	31.256	146+148	1,3-Dichlorobenzene	924	2627	0.247
89	31.513	146+148	1,4-Dichlorobenzene	619	8500	0.844
90	32.338	91	Benzyl Chloride	991	29149	2.315
91	32.337	91+134	n-Butylbenzene	991	39130	2.135
92	32.648	146+148	1,2-Dichlorobenzene	972	8864	0.932
93	34.941	75+157	1,2-Dibromo-3-chloropropane	835	0	0.000
94	37.092	180+182	1,2,4-Trichlorobenzene	975	17523	3.654
95	37.362	225+226	Hexachlorobutadiene	980	5885	1.607
96	37.785	128	Naphthalene	981	21879	4.928
97	38.406	180+182	1,2,3-Trichlorobenzene	981	16722	3.487

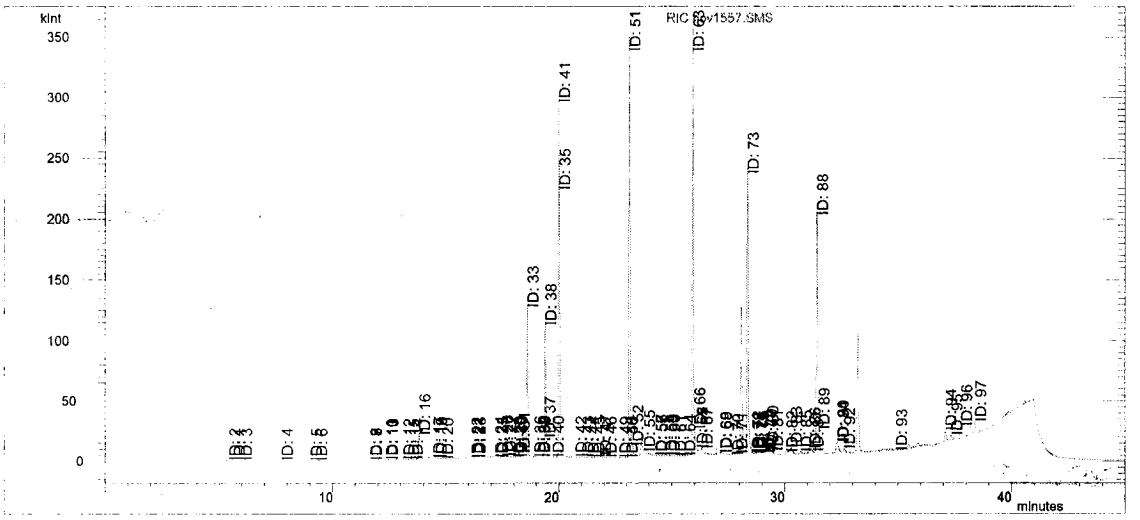
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1557.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102763-753 5.24g **Acquisition Dat** 11/27/02 4:22:58 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.006	96+70	Fluorobenzene (IS1)	999	492377	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	983	299699	50.000
88	31.434	152	1,4-Dichlorobenzene-d4(IS3)	975	120597	50.000
1	5.652	85	Dichlorodifluoromethane	126	0	0.000
2	5.458	50+52	Chloromethane	603	0	0.000
3	5.971	62+64	Vinyl Chloride	615	0	0.000
4	7.767	94+96	Bromomethane	803	0	0.000
5	9.037	49	Chloroethane	211	0	0.000
6	9.270	101+103	Trichlorofluoromethane	857	0	0.000
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	583	0	0.000
8	11.654	56	Acrolein	597	0	0.000
9	11.705	96+61+98	1,1-Dichloroethene	712	0	0.000
10	12.356	142	Iodomethane	918	195	196.250
11	12.368	43+58	Acetone	828	896	1.629
12	13.130	45	Isopropyl alcohol (2-Propanol)	68	0	0.000
13	12.423	76	Carbon disulfide	929	691	32.502
14	13.501	41	Acetonitrile	379	0	0.000
15	13.335	41	Allyl chloride	381	0	0.000
16	13.827	84+49+86	Methylene Chloride	994	44988	4.117
17	14.450	59	tert-Butanol	408	0	0.000
18	14.553	73	Methyl-tert-butyl-ether (MTBE)	776	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	888	0	0.000
20	14.837	53	Acrylonitrile	643	0	0.000
21	16.194	63	1,1-Dichloroethane	694	0	0.000
22	16.131	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.273	45	Isopropyl ether	392	0	0.000
24	17.185	59	Ethyl-tert-butyl-ether	720	0	0.000
25	17.260	77+41	2,2-Dichloropropane	456	0	0.000
26	17.492	61+96	c-1,2-Dichloroethene	746	0	0.000
27	17.631	43+72	2-Butanone (MEK)	571	0	0.000
28	17.978	54	Propionitrile	563	0	0.000
29	18.059	130+49	Bromochloromethane	923	484	0.097
30	18.120	39	Methacrylonitrile	368	0	0.000
31	18.234	83+85	Chloroform	984	6529	0.643
32	19.087	97+99	1,1,1-Trichloroethane	531	0	0.000
33	18.611	111	Dibromofluoromethane (Surr1)	820	112242	53.366
34	19.075	117+119	Carbon Tetrachloride	502	0	0.000
35	20.022	42+72	Tetrahydrofuran	324	233	233.032
36	18.921	75+39	1,1-Dichloropropene	638	0	0.000
37	19.367	78	Benzene	741	708	0.091
38	19.408	65	1,2-Dichloroethane-d4 (Surr2)	944	155664	59.185
39	19.139	62+64	1,2-Dichloroethane	605	0	0.000
40	19.732	73+55+87	tert-Amyl-methyl-ether	700	0	0.000
42	20.741	130+132+95	Trichloroethene	824	347	0.034
43	21.059	41	Methyl methacrylate	362	0	0.000
44	21.292	63+65	1,2-Dichloropropane	507	0	0.000
45	21.548	93+174	Dibromomethane	913	0	0.000
46	22.073	88	1,4-Dioxane	372	0	0.000
47	21.832	83+85	Bromodichloromethane	943	3044	0.421
48	22.997	63+43	2-Chloroethyl vinyl ether	665	0	0.000
49	22.701	75+77+39	c-1,3-Dichloropropene	569	0	0.000
50	22.997	43+58	4-Methyl-2-pentanone	675	0	0.000
51	23.134	98	Toluene-d8 (Surr3)	993	441862	51.092
52	23.271	92+91	Toluene	927	6335	0.298
53	24.330	69	Ethyl methacrylate	468	0	0.000
54	24.725	43+58+100	2-Hexanone	455	0	0.000
55	23.789	75+77	t-1,3-Dichloropropene	416	0	0.000
56	24.330	97+99	1,1,2-Trichloroethane	485	0	0.000
57	24.290	164+166	Tetrachloroethene	419	0	0.000
58	24.752	76+41	1,3-Dichloropropane	643	0	0.000
59	24.764	43	Isobutyl alcohol	522	0	0.000
60	24.878	129+127	Dibromochloromethane	857	0	0.000
61	25.174	107+109	1,2-Dibromoethane	821	0	0.000
62	26.118	91	1-Chlorohexane	935	0	0.000
64	25.561	112+114	Chlorobenzene	584	0	0.000
65	26.118	106+91	Ethylbenzene	935	0	0.000
66	26.016	131+117	1,1,1,2-Tetrachloroethane	689	0	0.000
67	26.337	106+91	p,m-Xylenes	969	0	0.000
68	27.156	106+91	o-Xylene	950	1714	0.093
69	27.199	104+78	Styrene	915	0	0.000
70	27.683	171+173+175	Bromoform	837	0	0.000
71	27.877	105+120	Isopropylbenzene	928	1371	0.067
72	28.563	75	cis-1,4-Dichloro-2-butene	592	0	0.000
73	28.367	95	p-Bromofluorobenzene (Surr4)	987	179470	54.304
74	28.717	83+85	1,1,2,2-Tetrachloroethane	583	0	0.000
75	28.756	77+158	Bromobenzene	942	0	0.000
76	28.807	91+120	n-Propylbenzene	929	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.096	75	trans-1,4-Dichloro-2-butene	495	0	0.000
78	28.615	75+110	1,2,3-Trichloropropane	556	0	0.000
79	29.170	91+126	2-Chlorotoluene	919	0	0.000
80	29.239	105+120	1,3,5-Trimethylbenzene	990	0	0.000
81	29.447	91+126	4-Chlorotoluene	920	0	0.000
82	30.091	119+91	tert-Butylbenzene	950	0	0.000
83	30.285	105+120	1,2,4-Trimethylbenzene	992	3069	0.183
84	32.358	117	Pentachloroethane	987	0	0.000
85	30.714	105+134	sec-Butylbenzene	985	0	0.000
86	31.093	119	4-Isopropyltoluene	971	3916	0.301
87	31.234	146+148	1,3-Dichlorobenzene	924	2703	0.311
89	31.513	146+148	1,4-Dichlorobenzene	568	5315	0.646
90	32.335	91	Benzyl Chloride	989	14956	1.453
91	32.335	91+134	n-Butylbenzene	988	19926	1.330
92	32.633	146+148	1,2-Dichlorobenzene	967	0	0.000
93	34.932	75+157	1,2-Dibromo-3-chloropropane	693	0	0.000
94	37.095	180+182	1,2,4-Trichlorobenzene	974	11080	2.827
95	37.367	225+226	Hexachlorobutadiene	976	0	0.000
96	37.785	128	Naphthalene	980	14761	4.068
97	38.406	180+182	1,2,3-Trichlorobenzene	980	9711	2.478

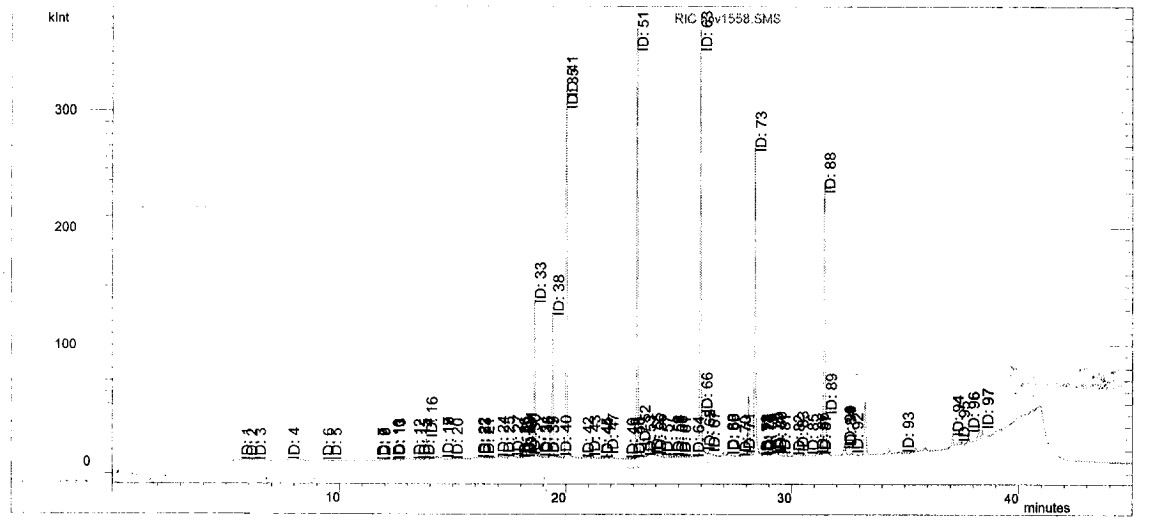
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1558.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102763-754 5.35g **Acquisition Dat** 11/27/02 5:10:10 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.012	96+70	Fluorobenzene (IS1)	999	518616	50.000
63	25.962	117	Chlorobenzene-d5(IS2)	990	319455	50.000
88	31.439	152	1,4-Dichlorobenzene-d4(IS3)	976	139610	50.000
1	5.679	85	Dichlorodifluoromethane	102	0	0.000
2	5.896	50+52	Chloromethane	618	0	0.000
3	6.255	62+64	Vinyl Chloride	559	0	0.000
4	7.755	94+96	Bromomethane	891	0	0.000
5	9.602	49	Chloroethane	121	0	0.000
6	9.259	101+103	Trichlorofluoromethane	691	178	0.019
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	677	0	0.000
8	11.705	56	Acrolein	637	0	0.000
9	11.756	96+61+98	1,1-Dichloroethene	683	0	0.000
10	12.346	142	Iodomethane	916	207	207.200
11	12.399	43+58	Acetone	769	0	0.000
12	13.272	45	Isopropyl alcohol (2-Propanol)	92	0	0.000
13	12.411	76	Carbon disulfide	940	0	0.000
14	13.694	41	Acetonitrile	510	0	0.000
15	13.500	41	Allyl chloride	476	0	0.000
16	13.829	84+49+86	Methylene Chloride	995	43217	3.755
17	14.542	59	tert-Butanol	539	0	0.000
18	14.558	73	Methyl-tert-butyl-ether (MTBE)	861	473	0.086
19	14.554	61+96	t-1,2-Dichloroethene	824	0	0.000
20	14.952	53	Acrylonitrile	725	0	0.000
21	16.349	63	1,1-Dichloroethane	690	0	0.000
22	16.120	43	Vinyl acetate	778	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.195	45	Isopropyl ether	339	0	0.000
24	16.977	59	Ethyl-tert-butyl-ether	629	0	0.000
25	17.233	77+41	2,2-Dichloropropane	389	0	0.000
26	17.940	61+96	c-1,2-Dichloroethene	767	0	0.000
27	17.632	43+72	2-Butanone (MEK)	666	0	0.000
28	18.157	54	Propionitrile	491	0	0.000
29	18.067	130+49	Bromochloromethane	902	375	0.071
30	18.378	39	Methacrylonitrile	537	0	0.000
31	18.242	83+85	Chloroform	995	8842	0.827
32	18.106	97+99	1,1,1-Trichloroethane	570	0	0.000
33	18.618	111	Dibromofluoromethane (Surr1)	779	123878	56.918
34	18.856	117+119	Carbon Tetrachloride	661	0	0.000
35	20.006	42+72	Tetrahydrofuran	321	310	309.750
36	18.947	75+39	1,1-Dichloropropene	598	0	0.000
37	19.203	78	Benzene	659	0	0.000
38	19.414	65	1,2-Dichloroethane-d4 (Surr2)	922	168842	60.948
39	19.188	62+64	1,2-Dichloroethane	486	0	0.000
40	19.750	73+55+87	tert-Amyl-methyl-ether	698	0	0.000
42	20.745	130+132+95	Trichloroethene	864	0	0.000
43	21.041	41	Methyl methacrylate	574	0	0.000
44	21.605	63+65	1,2-Dichloropropane	563	0	0.000
45	21.554	93+174	Dibromomethane	828	0	0.000
46	22.706	88	1,4-Dioxane	504	0	0.000
47	21.836	83+85	Bromodichloromethane	959	4792	0.622
48	22.990	63+43	2-Chloroethyl vinyl ether	886	0	0.000
49	22.706	75+77+39	c-1,3-Dichloropropene	551	0	0.000
50	22.990	43+58	4-Methyl-2-pentanone	821	0	0.000
51	23.140	98	Toluene-d8 (Surr3)	998	476053	51.641
52	23.271	92+91	Toluene	923	7049	0.311
53	23.502	69	Ethyl methacrylate	488	0	0.000
54	24.759	43+58+100	2-Hexanone	437	0	0.000
55	23.812	75+77	t-1,3-Dichloropropene	459	0	0.000
56	23.966	97+99	1,1,2-Trichloroethane	571	0	0.000
57	24.258	164+166	Tetrachloroethene	569	0	0.000
58	24.759	76+41	1,3-Dichloropropane	450	0	0.000
59	24.747	43	Isobutyl alcohol	543	0	0.000
60	24.894	129+127	Dibromochloromethane	908	1015	0.219
61	25.055	107+109	1,2-Dibromoethane	727	0	0.000
62	26.130	91	1-Chlorohexane	838	0	0.000
64	25.631	112+114	Chlorobenzene	679	0	0.000
65	26.130	106+91	Ethylbenzene	845	0	0.000
66	26.010	131+117	1,1,1,2-Tetrachloroethane	509	0	0.000
67	26.334	106+91	p,m-Xylenes	987	0	0.000
68	27.157	106+91	o-Xylene	948	0	0.000
69	27.208	104+78	Styrene	897	730	0.055
70	27.708	171+173+175	Bromoform	767	0	0.000
71	27.883	105+120	Isopropylbenzene	987	3002	0.128
72	28.639	75	cis-1,4-Dichloro-2-butene	687	0	0.000
73	28.374	95	p-Bromofluorobenzene (Surr4)	988	202289	52.872
74	28.702	83+85	1,1,2,2-Tetrachloroethane	624	0	0.000
75	28.754	77+158	Bromobenzene	946	0	0.000
76	28.832	91+120	n-Propylbenzene	923	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.679	75	trans-1,4-Dichloro-2-butene	478	0	0.000
78	28.639	75+110	1,2,3-Trichloropropane	658	0	0.000
79	29.154	91+126	2-Chlorotoluene	903	0	0.000
80	29.283	105+120	1,3,5-Trimethylbenzene	979	0	0.000
81	29.463	91+126	4-Chlorotoluene	938	0	0.000
82	30.078	119+91	tert-Butylbenzene	933	0	0.000
83	30.258	105+120	1,2,4-Trimethylbenzene	995	11357	0.584
84	32.364	117	Pentachloroethane	984	0	0.000
85	30.695	105+134	sec-Butylbenzene	980	0	0.000
86	31.117	119	4-Isopropyltoluene	965	0	0.000
87	31.235	146+148	1,3-Dichlorobenzene	886	0	0.000
89	31.501	146+148	1,4-Dichlorobenzene	411	1102	0.116
90	32.343	91	Benzyl Chloride	983	9075	0.762
91	32.343	91+134	n-Butylbenzene	984	12341	0.712
92	32.671	146+148	1,2-Dichlorobenzene	957	0	0.000
93	34.911	75+157	1,2-Dibromo-3-chloropropane	714	0	0.000
94	37.095	180+182	1,2,4-Trichlorobenzene	975	8444	1.861
95	37.363	225+226	Hexachlorobutadiene	976	0	0.000
96	37.788	128	Naphthalene	980	11452	2.726
97	38.406	180+182	1,2,3-Trichlorobenzene	980	7411	1.633

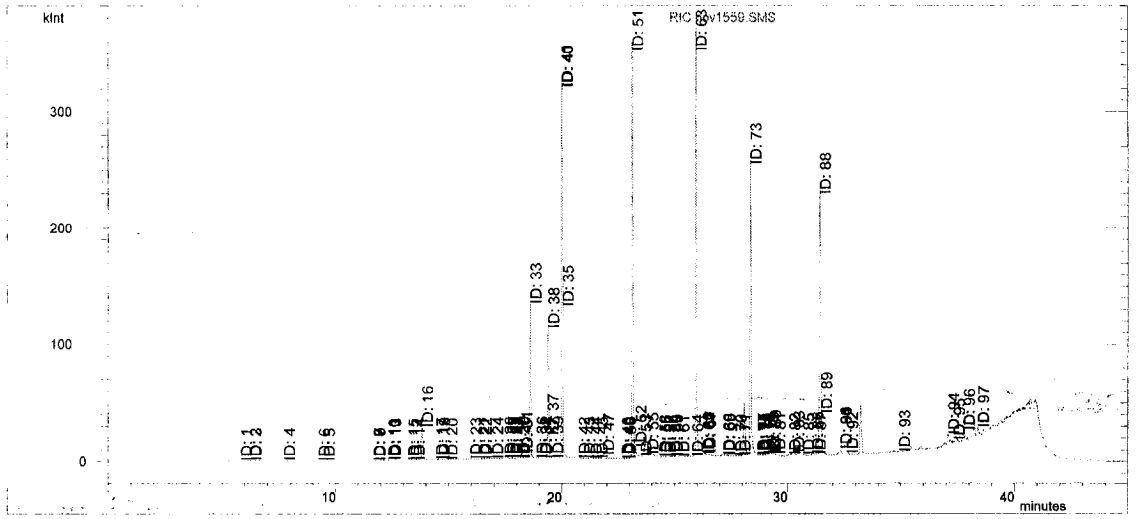
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1559.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102763-755 5.10g **Acquisition Dat** 11/27/02 5:57:24 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.007	96+70	Fluorobenzene (IS1)	998	535777	50.000
63	25.959	117	Chlorobenzene-d5(IS2)	981	304808	50.000
88	31.435	152	1,4-Dichlorobenzene-d4(IS3)	977	143278	50.000
1	5.833	85	Dichlorodifluoromethane	119	0	0.000
2	6.228	50+52	Chloromethane	593	0	0.000
3	6.267	62+64	Vinyl Chloride	631	0	0.000
4	7.743	94+96	Bromomethane	785	0	0.000
5	9.487	49	Chloroethane	678	0	0.000
6	9.259	101+103	Trichlorofluoromethane	723	164	0.017
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	553	0	0.000
8	11.681	56	Acrolein	733	0	0.000
9	11.733	96+61+98	1,1-Dichloroethene	637	0	0.000
10	12.339	142	Iodomethane	908	137	137.272
11	12.366	43+58	Acetone	823	511	0.854
12	13.335	45	Isopropyl alcohol (2-Propanol)	403	0	0.000
13	12.422	76	Carbon disulfide	852	435	18.799
14	13.461	41	Acetonitrile	416	0	0.000
15	13.220	41	Allyl chloride	416	0	0.000
16	13.825	84+49+86	Methylene Chloride	993	62708	5.274
17	14.453	59	tert-Butanol	481	0	0.000
18	14.556	73	Methyl-tert-butyl-ether (MTBE)	864	0	0.000
19	14.556	61+96	t-1,2-Dichloroethene	751	0	0.000
20	14.915	53	Acrylonitrile	682	0	0.000
21	16.324	63	1,1-Dichloroethane	681	0	0.000
22	16.414	43	Vinyl acetate	107	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.965	45	Isopropyl ether	355	0	0.000
24	16.927	59	Ethyl-tert-butyl-ether	671	0	0.000
25	17.724	77+41	2,2-Dichloropropane	333	0	0.000
26	17.480	61+96	c-1,2-Dichloroethene	818	0	0.000
27	17.606	43+72	2-Butanone (MEK)	713	0	0.000
28	17.799	54	Propionitrile	500	0	0.000
29	18.063	130+49	Bromochloromethane	884	365	0.067
30	18.119	39	Methacrylonitrile	614	0	0.000
31	18.235	83+85	Chloroform	996	9392	0.851
32	19.060	97+99	1,1,1-Trichloroethane	648	0	0.000
33	18.611	111	Dibromofluoromethane (Surr1)	793	117998	51.558
34	19.099	117+119	Carbon Tetrachloride	436	0	0.000
35	20.036	42+72	Tetrahydrofuran	320	170	169.730
36	18.894	75+39	1,1-Dichloropropene	534	0	0.000
37	19.370	78	Benzene	798	693	0.082
38	19.409	65	1,2-Dichloroethane-d4 (Surr2)	926	155892	54.471
39	19.592	62+64	1,2-Dichloroethane	438	0	0.000
40	20.007	73+55+87	tert-Amyl-methyl-ether	437	4280	0.435
42	20.755	130+132+95	Trichloroethene	834	0	0.000
43	20.996	41	Methyl methacrylate	384	0	0.000
44	21.292	63+65	1,2-Dichloropropane	370	0	0.000
45	21.560	93+174	Dibromomethane	829	0	0.000
46	22.665	88	1,4-Dioxane	441	0	0.000
47	21.835	83+85	Bromodichloromethane	961	4521	0.615
48	22.791	63+43	2-Chloroethyl vinyl ether	336	0	0.000
49	22.728	75+77+39	c-1,3-Dichloropropene	538	0	0.000
50	22.807	43+58	4-Methyl-2-pentanone	336	0	0.000
51	23.136	98	Toluene-d8 (Surr3)	993	468489	53.263
52	23.272	92+91	Toluene	908	5739	0.265
53	23.507	69	Ethyl methacrylate	358	0	0.000
54	24.789	43+58+100	2-Hexanone	450	0	0.000
55	23.814	75+77	t-1,3-Dichloropropene	409	0	0.000
56	24.418	97+99	1,1,2-Trichloroethane	590	0	0.000
57	24.572	164+166	Tetrachloroethene	441	0	0.000
58	24.339	76+41	1,3-Dichloropropane	335	0	0.000
59	24.789	43	Isobutyl alcohol	551	0	0.000
60	24.890	129+127	Dibromochloromethane	899	787	0.178
61	25.176	107+109	1,2-Dibromoethane	719	0	0.000
62	26.299	91	1-Chlorohexane	855	0	0.000
64	25.791	112+114	Chlorobenzene	576	0	0.000
65	26.299	106+91	Ethylbenzene	855	0	0.000
66	26.248	131+117	1,1,1,2-Tetrachloroethane	542	0	0.000
67	26.350	106+91	p,m-Xylenes	980	0	0.000
68	27.159	106+91	o-Xylene	968	0	0.000
69	27.222	104+78	Styrene	907	0	0.000
70	27.708	171+173+175	Bromoform	782	0	0.000
71	27.883	105+120	Isopropylbenzene	917	956	0.040
72	28.941	75	cis-1,4-Dichloro-2-butene	718	0	0.000
73	28.370	95	p-Bromofluorobenzene (Surr4)	987	201247	51.254
74	28.712	83+85	1,1,2,2-Tetrachloroethane	594	0	0.000
75	28.752	77+158	Bromobenzene	909	0	0.000
76	28.839	91+120	n-Propylbenzene	919	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.673	75	trans-1,4-Dichloro-2-butene	380	0	0.000
78	28.941	75+110	1,2,3-Trichloropropane	650	0	0.000
79	29.150	91+126	2-Chlorotoluene	921	0	0.000
80	29.240	105+120	1,3,5-Trimethylbenzene	966	0	0.000
81	29.433	91+126	4-Chlorotoluene	915	0	0.000
82	30.099	119+91	tert-Butylbenzene	946	0	0.000
83	30.269	105+120	1,2,4-Trimethylbenzene	992	0	0.000
84	32.345	117	Pentachloroethane	982	0	0.000
85	30.703	105+134	sec-Butylbenzene	976	0	0.000
86	31.101	119	4-Isopropyltoluene	985	0	0.000
87	31.225	146+148	1,3-Dichlorobenzene	883	1173	0.114
89	31.499	146+148	1,4-Dichlorobenzene	625	2935	0.300
90	32.345	91	Benzyl Chloride	981	5766	0.472
91	32.344	91+134	n-Butylbenzene	982	7500	0.422
92	32.653	146+148	1,2-Dichlorobenzene	956	0	0.000
93	34.940	75+157	1,2-Dibromo-3-chloropropane	513	0	0.000
94	37.094	180+182	1,2,4-Trichlorobenzene	971	5947	1.277
95	37.353	225+226	Hexachlorobutadiene	972	0	0.000
96	37.784	128	Naphthalene	979	10310	2.392
97	38.404	180+182	1,2,3-Trichlorobenzene	975	6594	1.416

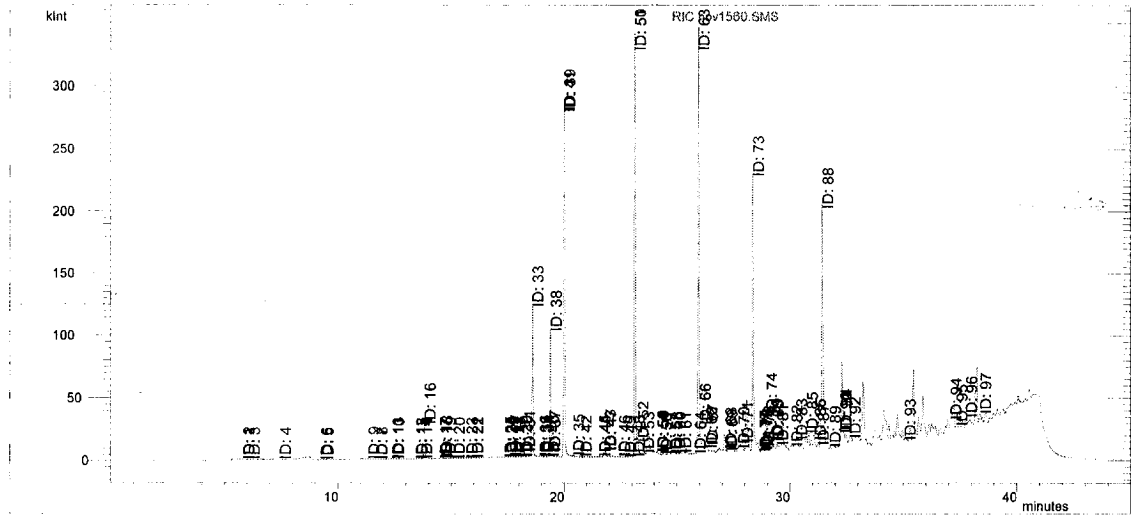
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1560.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102763-756 100ul **Acquisition Dat** 11/27/02 6:44:16 PM

Inj. Notes: 5.30g -> 10ml MeOH, dil. 1:100 **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	474138	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	981	279641	50.000
88	31.433	152	1,4-Dichlorobenzene-d4(IS3)	975	120829	50.000
1	5.857	85	Dichlorodifluoromethane	144	0	0.000
2	5.833	50+52	Chloromethane	761	0	0.000
3	6.074	62+64	Vinyl Chloride	615	0	0.000
4	7.459	94+96	Bromomethane	638	0	0.000
5	9.321	49	Chloroethane	678	0	0.000
6	9.243	101+103	Trichlorofluoromethane	839	0	0.000
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	796	0	0.000
8	11.705	56	Acrolein	586	0	0.000
9	11.346	96+61+98	1,1-Dichloroethene	649	0	0.000
10	12.450	142	Iodomethane	911	112	111.505
11	12.409	43+58	Acetone	777	731	1.380
12	13.449	45	Isopropyl alcohol (2-Propanol)	187	0	0.000
13	12.401	76	Carbon disulfide	837	302	14.753
14	13.682	41	Acetonitrile	641	0	0.000
15	13.476	41	Allyl chloride	375	0	0.000
16	13.824	84+49+86	Methylene Chloride	995	60971	5.795
17	14.504	59	tert-Butanol	428	0	0.000
18	14.557	73	Methyl-tert-butyl-ether (MTBE)	898	1977	0.391
19	14.721	61+96	t-1,2-Dichloroethene	662	0	0.000
20	15.119	53	Acrylonitrile	664	0	0.000
21	15.928	63	1,1-Dichloroethane	625	0	0.000
22	15.940	43	Vinyl acetate	83	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.684	45	Isopropyl ether	341	0	0.000
24	17.400	59	Ethyl-tert-butyl-ether	579	0	0.000
25	17.377	77+41	2,2-Dichloropropane	483	0	0.000
26	17.479	61+96	c-1,2-Dichloroethene	795	0	0.000
27	17.608	43+72	2-Butanone (MEK)	871	2421	3.190
28	17.775	54	Propionitrile	732	0	0.000
29	18.069	130+49	Bromochloromethane	920	556	0.116
30	18.119	39	Methacrylonitrile	478	0	0.000
31	18.232	83+85	Chloroform	995	8991	0.920
32	18.986	97+99	1,1,1-Trichloroethane	366	0	0.000
33	18.609	111	Dibromofluoromethane (Surr1)	765	109081	53.858
34	19.073	117+119	Carbon Tetrachloride	507	0	0.000
35	20.407	42+72	Tetrahydrofuran	602	0	0.000
36	18.919	75+39	1,1-Dichloropropene	296	0	0.000
37	19.357	78	Benzene	789	0	0.000
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	929	144700	57.133
39	20.004	62+64	1,2-Dichloroethane	373	11646	2.299
40	19.294	73+55+87	tert-Amyl-methyl-ether	443	0	0.000
42	20.738	130+132+95	Trichloroethene	807	0	0.000
43	21.805	41	Methyl methacrylate	520	853	853.044
44	21.571	63+65	1,2-Dichloropropane	562	0	0.000
45	21.559	93+174	Dibromomethane	897	0	0.000
46	22.441	88	1,4-Dioxane	432	15	15.262
47	21.829	83+85	Bromodichloromethane	909	4663	0.692
48	23.062	63+43	2-Chloroethyl vinyl ether	266	0	0.000
49	22.703	75+77+39	c-1,3-Dichloropropene	569	0	0.000
50	23.127	43+58	4-Methyl-2-pentanone	226	0	0.000
51	23.133	98	Toluene-d8 (Surr3)	993	426019	52.793
52	23.265	92+91	Toluene	937	6716	0.338
53	23.519	69	Ethyl methacrylate	711	0	0.000
54	24.156	43+58+100	2-Hexanone	565	0	0.000
55	24.144	75+77	t-1,3-Dichloropropene	521	0	0.000
56	24.298	97+99	1,1,2-Trichloroethane	666	0	0.000
57	24.681	164+166	Tetrachloroethene	549	0	0.000
58	24.760	76+41	1,3-Dichloropropane	497	0	0.000
59	24.146	43	Isobutyl alcohol	623	442	442.380
60	24.886	129+127	Dibromochloromethane	869	883	0.218
61	25.158	107+109	1,2-Dibromoethane	683	0	0.000
62	26.301	91	1-Chlorohexane	837	0	0.000
64	25.799	112+114	Chlorobenzene	583	0	0.000
65	26.301	106+91	Ethylbenzene	837	0	0.000
66	26.011	131+117	1,1,1,2-Tetrachloroethane	542	0	0.000
67	26.334	106+91	p,m-Xylenes	978	3654	0.204
68	27.157	106+91	o-Xylene	941	0	0.000
69	27.196	104+78	Styrene	889	0	0.000
70	27.717	171+173+175	Bromoform	732	0	0.000
71	27.893	105+120	Isopropylbenzene	841	0	0.000
72	28.735	75	cis-1,4-Dichloro-2-butene	621	0	0.000
73	28.368	95	p-Bromofluorobenzene (Surr4)	987	168883	51.002
74	28.954	83+85	1,1,2,2-Tetrachloroethane	534	4364	1.249
75	28.762	77+158	Bromobenzene	903	0	0.000
76	28.828	91+120	n-Propylbenzene	826	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.660	75	trans-1,4-Dichloro-2-butene	617	0	0.000
78	28.750	75+110	1,2,3-Trichloropropane	587	0	0.000
79	29.203	91+126	2-Chlorotoluene	690	0	0.000
80	29.232	105+120	1,3,5-Trimethylbenzene	992	0	0.000
81	29.453	91+126	4-Chlorotoluene	759	0	0.000
82	30.063	119+91	tert-Butylbenzene	889	0	0.000
83	30.282	105+120	1,2,4-Trimethylbenzene	988	0	0.000
84	32.251	117	Pentachloroethane	809	0	0.000
85	30.750	105+134	sec-Butylbenzene	797	0	0.000
86	31.097	119	4-Isopropyltoluene	968	0	0.000
87	31.244	146+148	1,3-Dichlorobenzene	791	0	0.000
89	31.761	146+148	1,4-Dichlorobenzene	336	0	0.000
90	32.238	91	Benzyl Chloride	790	0	0.000
91	32.238	91+134	n-Butylbenzene	793	0	0.000
92	32.651	146+148	1,2-Dichlorobenzene	896	0	0.000
93	35.071	75+157	1,2-Dibromo-3-chloropropane	406	0	0.000
94	37.087	180+182	1,2,4-Trichlorobenzene	957	6226	1.585
95	37.356	225+226	Hexachlorobutadiene	944	0	0.000
96	37.781	128	Naphthalene	979	9565	2.631
97	38.401	180+182	1,2,3-Trichlorobenzene	974	6344	1.616

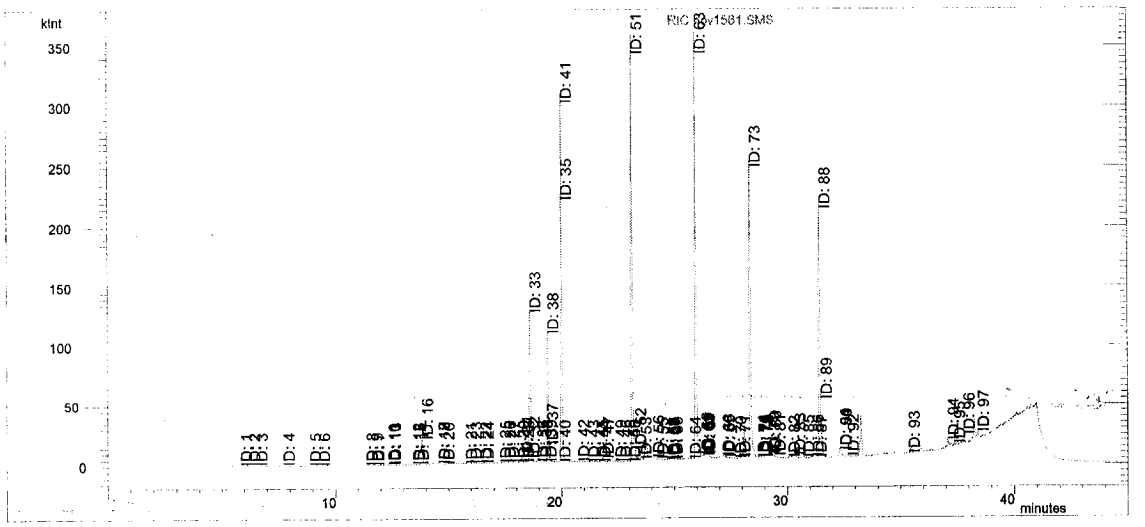
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1561.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102763-757 4.83g **Acquisition Dat** 11/27/02 7:30:59 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.007	96+70	Fluorobenzene (IS1)	999	501694	50.000
63	25.957	117	Chlorobenzene-d5(IS2)	983	301658	50.000
88	31.435	152	1,4-Dichlorobenzene-d4(IS3)	976	131364	50.000
1	5.833	85	Dichlorodifluoromethane	88	0	0.000
2	6.204	50+52	Chloromethane	549	0	0.000
3	6.524	62+64	Vinyl Chloride	576	0	0.000
4	7.729	94+96	Bromomethane	896	492	0.287
5	8.883	49	Chloroethane	576	0	0.000
6	9.282	101+103	Trichlorofluoromethane	815	0	0.000
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	596	0	0.000
8	11.373	56	Acrolein	756	0	0.000
9	11.614	96+61+98	1,1-Dichloroethene	540	0	0.000
10	12.345	142	Iodomethane	920	374	374.193
11	12.372	43+58	Acetone	811	0	0.000
12	13.437	45	Isopropyl alcohol (2-Propanol)	82	0	0.000
13	12.423	76	Carbon disulfide	974	0	0.000
14	13.642	41	Acetonitrile	626	0	0.000
15	13.488	41	Allyl chloride	686	0	0.000
16	13.827	84+49+86	Methylene Chloride	995	49612	4.456
17	14.556	59	tert-Butanol	462	0	0.000
18	14.568	73	Methyl-tert-butyl-ether (MTBE)	863	0	0.000
19	14.556	61+96	t-1,2-Dichloroethene	743	0	0.000
20	14.773	53	Acrylonitrile	728	0	0.000
21	15.775	63	1,1-Dichloroethane	691	0	0.000
22	16.414	43	Vinyl acetate	88	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.980	45	Isopropyl ether	416	0	0.000
24	16.517	59	Ethyl-tert-butyl-ether	560	0	0.000
25	17.275	77+41	2,2-Dichloropropane	418	0	0.000
26	17.480	61+96	c-1,2-Dichloroethene	822	0	0.000
27	17.634	43+72	2-Butanone (MEK)	727	0	0.000
28	18.301	54	Propionitrile	592	0	0.000
29	18.063	130+49	Bromochloromethane	904	306	0.060
30	18.084	39	Methacrylonitrile	446	0	0.000
31	18.235	83+85	Chloroform	990	8292	0.802
32	18.557	97+99	1,1,1-Trichloroethane	517	0	0.000
33	18.612	111	Dibromofluoromethane (Surr1)	748	114487	53.422
34	19.073	117+119	Carbon Tetrachloride	626	0	0.000
35	19.991	42+72	Tetrahydrofuran	321	145	145.232
36	18.934	75+39	1,1-Dichloropropene	424	0	0.000
37	19.368	78	Benzene	800	0	0.000
38	19.410	65	1,2-Dichloroethane-d4 (Surr2)	924	151593	56.567
39	19.293	62+64	1,2-Dichloroethane	657	0	0.000
40	19.910	73+55+87	tert-Amyl-methyl-ether	602	0	0.000
42	20.740	130+132+95	Trichloroethene	812	0	0.000
43	21.189	41	Methyl methacrylate	323	0	0.000
44	21.687	63+65	1,2-Dichloropropane	499	0	0.000
45	21.548	93+174	Dibromomethane	826	0	0.000
46	22.618	88	1,4-Dioxane	437	13	13.200
47	21.832	83+85	Bromodichloromethane	960	4285	0.589
48	22.997	63+43	2-Chloroethyl vinyl ether	342	0	0.000
49	22.393	75+77+39	c-1,3-Dichloropropene	428	0	0.000
50	22.985	43+58	4-Methyl-2-pentanone	341	0	0.000
51	23.136	98	Toluene-d8 (Surr3)	993	456890	52.487
52	23.270	92+91	Toluene	926	7148	0.334
53	23.495	69	Ethyl methacrylate	347	0	0.000
54	24.705	43+58+100	2-Hexanone	591	0	0.000
55	24.255	75+77	t-1,3-Dichloropropene	452	0	0.000
56	24.062	97+99	1,1,2-Trichloroethane	490	0	0.000
57	24.756	164+166	Tetrachloroethene	484	0	0.000
58	24.744	76+41	1,3-Dichloropropane	502	0	0.000
59	24.705	43	Isobutyl alcohol	481	0	0.000
60	24.886	129+127	Dibromochloromethane	864	0	0.000
61	24.796	107+109	1,2-Dibromoethane	717	0	0.000
62	26.294	91	1-Chlorohexane	859	0	0.000
64	25.695	112+114	Chlorobenzene	506	0	0.000
65	26.267	106+91	Ethylbenzene	859	0	0.000
66	26.200	131+117	1,1,1,2-Tetrachloroethane	556	0	0.000
67	26.330	106+91	p,m-Xylenes	969	0	0.000
68	27.154	106+91	o-Xylene	944	0	0.000
69	27.220	104+78	Styrene	870	0	0.000
70	27.708	171+173+175	Bromoform	717	0	0.000
71	27.882	105+120	Isopropylbenzene	949	1012	0.046
72	28.878	75	cis-1,4-Dichloro-2-butene	636	0	0.000
73	28.368	95	p-Bromofluorobenzene (Surr4)	987	190905	53.029
74	28.695	83+85	1,1,2,2-Tetrachloroethane	661	0	0.000
75	28.761	77+158	Bromobenzene	913	0	0.000
76	28.812	91+120	n-Propylbenzene	889	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.878	75	trans-1,4-Dichloro-2-butene	363	0	0.000
78	28.878	75+110	1,2,3-Trichloropropane	549	0	0.000
79	29.165	91+126	2-Chlorotoluene	856	0	0.000
80	29.243	105+120	1,3,5-Trimethylbenzene	977	0	0.000
81	29.441	91+126	4-Chlorotoluene	852	0	0.000
82	30.071	119+91	tert-Butylbenzene	938	0	0.000
83	30.318	105+120	1,2,4-Trimethylbenzene	990	0	0.000
84	32.342	117	Pentachloroethane	959	0	0.000
85	30.700	105+134	sec-Butylbenzene	942	0	0.000
86	31.114	119	4-Isopropyltoluene	955	0	0.000
87	31.256	146+148	1,3-Dichlorobenzene	893	0	0.000
89	31.487	146+148	1,4-Dichlorobenzene	523	2867	0.320
90	32.357	91	Benzyl Chloride	965	0	0.000
91	32.357	91+134	n-Butylbenzene	970	0	0.000
92	32.679	146+148	1,2-Dichlorobenzene	931	0	0.000
93	35.359	75+157	1,2-Dibromo-3-chloropropane	548	0	0.000
94	37.090	180+182	1,2,4-Trichlorobenzene	974	5454	1.277
95	37.363	225+226	Hexachlorobutadiene	969	0	0.000
96	37.782	128	Naphthalene	979	8639	2.186
97	38.404	180+182	1,2,3-Trichlorobenzene	972	4943	1.158

Associated Laboratories

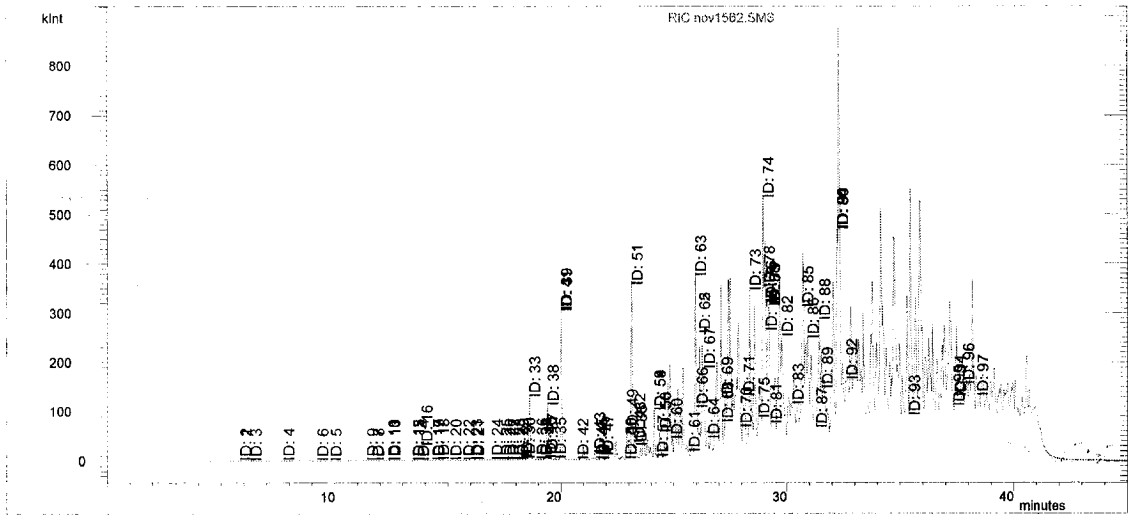
8260B - Volatile Analysis
New GCMS # 6

42.5

Data File Name: c:\saturnws\data\6nov02\nov1562.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102763-758 100ul **Acquisition Dat** 11/27/02 8:17:38 PM

Inj. Notes: 6.06g -> 10ml MeOH, dil. 1:100 **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.004	96+70	Fluorobenzene (IS1)	999	508108	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	982	302408	50.000
88	31.435	152	1,4-Dichlorobenzene-d4(IS3)	975	126573	50.000
1	5.833	85	Dichlorodifluoromethane	124	0	0.000
2	5.833	50+52	Chloromethane	785	0	0.000
3	6.294	62+64	Vinyl Chloride	615	0	0.000
4	7.743	94+96	Bromomethane	453	0	0.000
5	9.807	49	Chloroethane	678	0	0.000
6	9.218	101+103	Trichlorofluoromethane	672	144	0.016
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	711	0	0.000
8	11.693	56	Acrolein	734	0	0.000
9	11.424	96+61+98	1,1-Dichloroethene	622	0	0.000
10	12.343	142	Iodomethane	880	105	104.689
11	12.440	43+58	Acetone	813	741	1.306
12	13.449	45	Isopropyl alcohol (2-Propanol)	277	0	0.000
13	12.399	76	Carbon disulfide	910	0	0.000
14	13.666	41	Acetonitrile	693	0	0.000
15	13.461	41	Allyl chloride	695	0	0.000
16	13.824	84+49+86	Methylene Chloride	999	67053	5.047
17	14.325	59	tert-Butanol	385	0	0.000
18	14.567	73	Methyl-tert-butyl-ether (MTBE)	903	2010	0.371
19	14.365	61+96	t-1,2-Dichloroethene	631	0	0.000
20	15.107	53	Acrylonitrile	594	0	0.000
21	16.109	63	1,1-Dichloroethane	690	0	0.000
22	15.686	43	Vinyl acetate	778	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.030	45	Isopropyl ether	408	0	0.000
24	16.930	59	Ethyl-tert-butyl-ether	624	0	0.000
25	17.340	77+41	2,2-Dichloropropane	491	0	0.000
26	17.494	61+96	c-1,2-Dichloroethene	810	0	0.000
27	17.631	43+72	2-Butanone (MEK)	855	2363	2.906
28	17.928	54	Propionitrile	589	0	0.000
29	18.064	130+49	Bromochloromethane	909	502	0.097
30	18.366	39	Methacrylonitrile	495	0	0.000
31	18.235	83+85	Chloroform	995	9818	0.938
32	19.089	97+99	1,1,1-Trichloroethane	374	0	0.000
33	18.611	111	Dibromofluoromethane (Surr1)	723	115598	53.260
34	19.101	117+119	Carbon Tetrachloride	725	0	0.000
35	19.732	42+72	Tetrahydrofuran	783	0	0.000
36	18.923	75+39	1,1-Dichloropropene	615	0	0.000
37	19.364	78	Benzene	654	517	0.065
38	19.407	65	1,2-Dichloroethane-d4 (Surr2)	904	153614	56.598
39	20.005	62+64	1,2-Dichloroethane	481	12887	2.374
40	19.294	73+55+87	tert-Amyl-methyl-ether	703	0	0.000
42	20.729	130+132+95	Trichloroethene	842	0	0.000
43	21.479	41	Methyl methacrylate	515	3468	3487.525
44	21.655	63+65	1,2-Dichloropropane	537	0	0.000
45	21.564	93+174	Dibromomethane	864	0	0.000
46	22.840	88	1,4-Dioxane	444	0	0.000
47	21.827	83+85	Bromodichloromethane	875	7657	1.050
48	23.237	63+43	2-Chloroethyl vinyl ether	753	0	0.000
49	22.921	75+77+39	c-1,3-Dichloropropene	448	23389	2.944
50	22.840	43+58	4-Methyl-2-pentanone	328	0	0.000
51	23.134	98	Toluene-d8 (Surr3)	994	447671	51.300
52	23.267	92+91	Toluene	631	7544	0.352
53	24.373	69	Ethyl methacrylate	606	0	0.000
54	24.149	43+58+100	2-Hexanone	559	0	0.000
55	23.318	75+77	t-1,3-Dichloropropene	597	0	0.000
56	24.374	97+99	1,1,2-Trichloroethane	744	4852	1.219
57	24.266	164+166	Tetrachloroethene	382	0	0.000
58	24.143	76+41	1,3-Dichloropropane	534	52091	8.808
59	24.144	43	Isobutyl alcohol	676	35889	35889.410
60	24.885	129+127	Dibromochloromethane	594	0	0.000
61	25.668	107+109	1,2-Dibromoethane	628	0	0.000
62	26.135	91	1-Chlorohexane	479	0	0.000
64	26.526	112+114	Chlorobenzene	372	0	0.000
65	26.135	106+91	Ethylbenzene	479	0	0.000
66	26.013	131+117	1,1,1,2-Tetrachloroethane	485	0	0.000
67	26.340	106+91	p,m-Xylenes	708	6729	0.359
68	27.148	106+91	o-Xylene	944	28921	1.494
69	27.133	104+78	Styrene	505	0	0.000
70	27.966	171+173+175	Bromoform	234	0	0.000
71	28.088	105+120	Isopropylbenzene	695	0	0.000
72	29.092	75	cis-1,4-Dichloro-2-butene	572	0	0.000
73	28.368	95	p-Bromofluorobenzene (Surr4)	983	198269	57.159
74	28.955	83+85	1,1,2,2-Tetrachloroethane	476	68616	18.747
75	28.754	77+158	Bromobenzene	684	0	0.000
76	29.079	91+120	n-Propylbenzene	499	65205	2.662

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.092	75	trans-1,4-Dichloro-2-butene	496	0	0.000
78	28.985	75+110	1,2,3-Trichloropropane	449	0	0.000
79	29.229	91+126	2-Chlorotoluene	590	0	0.000
80	29.230	105+120	1,3,5-Trimethylbenzene	997	358543	18.436
81	29.297	91+126	4-Chlorotoluene	569	0	0.000
82	29.790	119+91	tert-Butylbenzene	480	36925	1.413
83	30.248	105+120	1,2,4-Trimethylbenzene	925	36066	2.045
84	32.240	117	Pentachloroethane	783	37802	477.440
85	30.695	105+134	sec-Butylbenzene	676	38399	1.832
86	30.924	119	4-Isopropyltoluene	983	191428	14.039
87	31.298	146+148	1,3-Dichlorobenzene	600	0	0.000
89	31.560	146+148	1,4-Dichlorobenzene	330	0	0.000
90	32.240	91	Benzyl Chloride	780	83833	7.762
91	32.239	91+134	n-Butylbenzene	813	151538	9.640
92	32.639	146+148	1,2-Dichlorobenzene	569	0	0.000
93	35.394	75+157	1,2-Dibromo-3-chloropropane	273	0	0.000
94	37.413	180+182	1,2,4-Trichlorobenzene	555	0	0.000
95	37.358	225+226	Hexachlorobutadiene	695	0	0.000
96	37.785	128	Naphthalene	899	0	0.000
97	38.401	180+182	1,2,3-Trichlorobenzene	825	0	0.000

1844
1460
1160
795

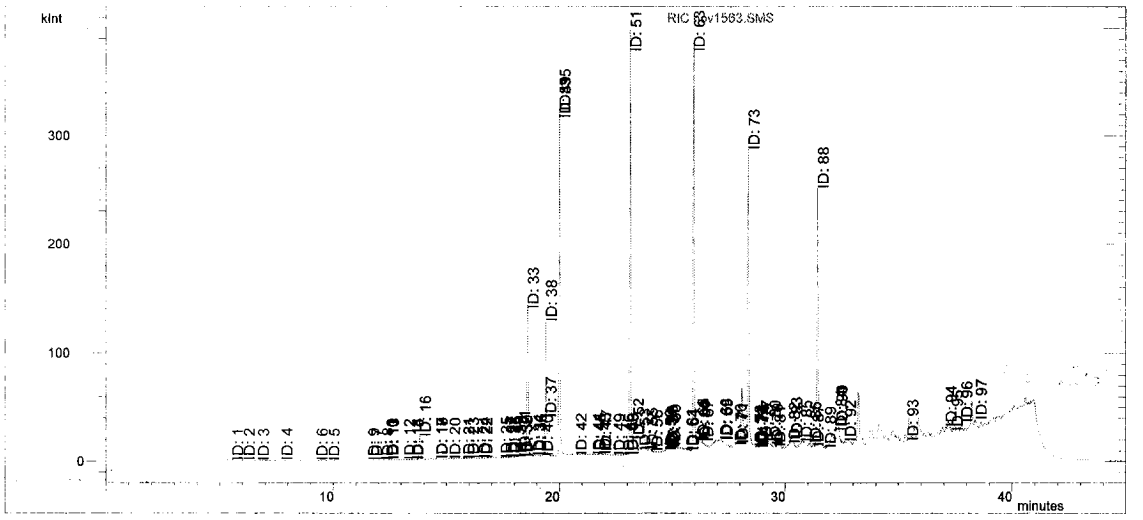
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1563.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102763-759 5.05g **Acquisition Dat** 11/27/02 9:04:33 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.001	96+70	Fluorobenzene (IS1)	999	532725	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	982	324979	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	982	144001	50.000
1	5.561	85	Dichlorodifluoromethane	133	0	0.000
2	6.062	50+52	Chloromethane	654	0	0.000
3	6.689	62+64	Vinyl Chloride	652	0	0.000
4	7.731	94+96	Bromomethane	896	0	0.000
5	9.795	49	Chloroethane	476	0	0.000
6	9.255	101+103	Trichlorofluoromethane	822	0	0.000
7	11.666	101+151	Trichlorotrifluoroethane (Freon 113)	802	0	0.000
8	12.143	56	Acrolein	684	0	0.000
9	11.539	96+61+98	1,1-Dichloroethene	603	0	0.000
10	12.340	142	Iodomethane	942	359	359.103
11	12.372	43+58	Acetone	715	0	0.000
12	13.130	45	Isopropyl alcohol (2-Propanol)	437	0	0.000
13	12.412	76	Carbon disulfide	867	0	0.000
14	13.477	41	Acetonitrile	419	0	0.000
15	13.501	41	Allyl chloride	483	0	0.000
16	13.823	84+49+86	Methylene Chloride	994	47432	4.012
17	14.542	59	tert-Butanol	471	0	0.000
18	14.558	73	Methyl-tert-butyl-ether (MTBE)	852	501	0.088
19	14.554	61+96	t-1,2-Dichloroethene	666	0	0.000
20	15.134	53	Acrylonitrile	734	0	0.000
21	15.762	63	1,1-Dichloroethane	650	0	0.000
22	16.543	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.955	45	Isopropyl ether	351	0	0.000
24	16.452	59	Ethyl-tert-butyl-ether	708	0	0.000
25	17.403	77+41	2,2-Dichloropropane	458	0	0.000
26	17.814	61+96	c-1,2-Dichloroethene	805	0	0.000
27	17.632	43+72	2-Butanone (MEK)	687	0	0.000
28	17.723	54	Propionitrile	605	0	0.000
29	18.058	130+49	Bromochloromethane	841	0	0.000
30	18.326	39	Methacrylonitrile	489	0	0.000
31	18.231	83+85	Chloroform	989	9629	0.877
32	18.303	97+99	1,1,1-Trichloroethane	630	0	0.000
33	18.605	111	Dibromofluoromethane (Surr1)	813	125555	55.174
34	18.847	117+119	Carbon Tetrachloride	668	0	0.000
35	19.998	42+72	Tetrahydrofuran	324	179	179.034
36	18.938	75+39	1,1-Dichloropropene	456	0	0.000
37	19.370	78	Benzene	660	594	0.071
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	923	168171	59.098
39	20.001	62+64	1,2-Dichloroethane	542	13230	2.324
40	19.219	73+55+87	tert-Amyl-methyl-ether	565	0	0.000
42	20.731	130+132+95	Trichloroethene	809	0	0.000
43	21.781	41	Methyl methacrylate	619	0	0.000
44	21.489	63+65	1,2-Dichloropropane	373	0	0.000
45	21.564	93+174	Dibromomethane	855	0	0.000
46	22.809	88	1,4-Dioxane	534	13	13.208
47	21.829	83+85	Bromodichloromethane	955	4904	0.626
48	23.015	63+43	2-Chloroethyl vinyl ether	411	0	0.000
49	22.412	75+77+39	c-1,3-Dichloropropene	544	0	0.000
50	22.988	43+58	4-Methyl-2-pentanone	427	0	0.000
51	23.131	98	Toluene-d8 (Surr3)	993	473329	50.473
52	23.262	92+91	Toluene	934	6724	0.292
53	23.538	69	Ethyl methacrylate	502	0	0.000
54	24.705	43+58+100	2-Hexanone	623	0	0.000
55	23.870	75+77	t-1,3-Dichloropropene	407	0	0.000
56	24.101	97+99	1,1,2-Trichloroethane	591	0	0.000
57	24.810	164+166	Tetrachloroethene	503	0	0.000
58	24.759	76+41	1,3-Dichloropropane	514	0	0.000
59	24.682	43	Isobutyl alcohol	487	0	0.000
60	24.880	129+127	Dibromochloromethane	770	1243	0.264
61	25.631	107+109	1,2-Dibromoethane	551	0	0.000
62	26.121	91	1-Chlorohexane	844	0	0.000
64	25.682	112+114	Chlorobenzene	492	0	0.000
65	26.121	106+91	Ethylbenzene	844	0	0.000
66	26.191	131+117	1,1,1,2-Tetrachloroethane	689	0	0.000
67	26.341	106+91	p,m-Xylenes	968	0	0.000
68	27.138	106+91	o-Xylene	876	0	0.000
69	27.194	104+78	Styrene	757	0	0.000
70	27.786	171+173+175	Bromoform	636	0	0.000
71	27.869	105+120	Isopropylbenzene	951	0	0.000
72	28.751	75	cis-1,4-Dichloro-2-butene	637	0	0.000
73	28.364	95	p-Bromofluorobenzene (Surr4)	988	206667	52.370
74	28.710	83+85	1,1,2,2-Tetrachloroethane	547	0	0.000
75	28.763	77+158	Bromobenzene	874	0	0.000
76	28.790	91+120	n-Propylbenzene	877	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.924	75	trans-1,4-Dichloro-2-butene	505	0	0.000
78	28.642	75+110	1,2,3-Trichloropropane	605	0	0.000
79	29.408	91+126	2-Chlorotoluene	722	0	0.000
80	29.302	105+120	1,3,5-Trimethylbenzene	973	0	0.000
81	29.537	91+126	4-Chlorotoluene	480	0	0.000
82	30.171	119+91	tert-Butylbenzene	898	0	0.000
83	30.267	105+120	1,2,4-Trimethylbenzene	929	0	0.000
84	32.240	117	Pentachloroethane	790	0	0.000
85	30.700	105+134	sec-Butylbenzene	835	0	0.000
86	31.098	119	4-Isopropyltoluene	950	0	0.000
87	31.213	146+148	1,3-Dichlorobenzene	764	0	0.000
89	31.760	146+148	1,4-Dichlorobenzene	419	0	0.000
90	32.265	91	Benzyl Chloride	822	0	0.000
91	32.265	91+134	n-Butylbenzene	790	0	0.000
92	32.641	146+148	1,2-Dichlorobenzene	883	0	0.000
93	35.395	75+157	1,2-Dibromo-3-chloropropane	503	0	0.000
94	37.090	180+182	1,2,4-Trichlorobenzene	952	4971	1.062
95	37.370	225+226	Hexachlorobutadiene	950	0	0.000
96	37.781	128	Naphthalene	977	8539	1.971
97	38.402	180+182	1,2,3-Trichlorobenzene	971	0	0.000

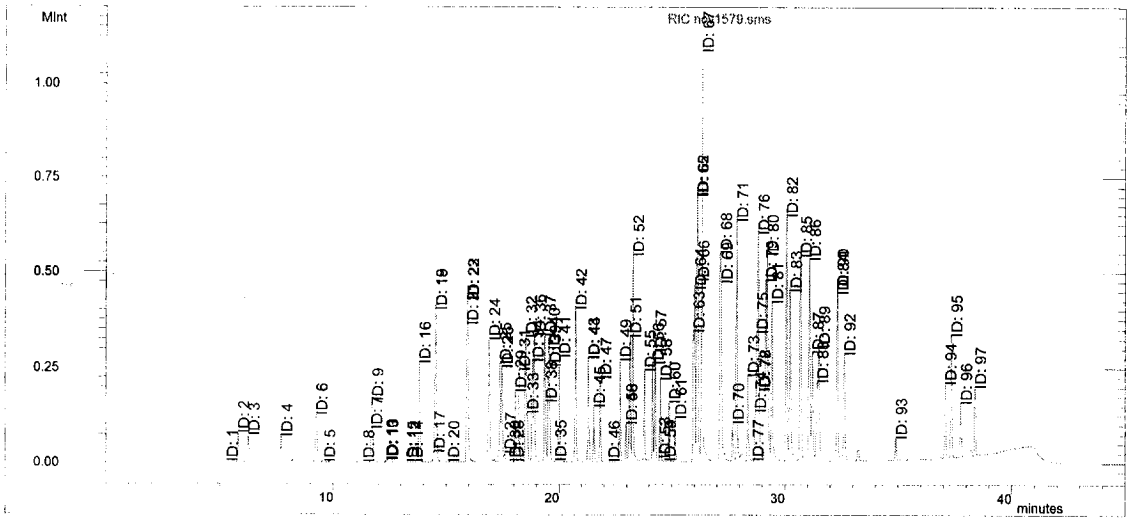
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1579.sms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS soil **Acquisition Dat** 11/28/02 9:38:47 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	462634	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	989	283165	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	971	127255	50.000
1	5.334	85	Dichlorodifluoromethane	607	125	38.206
2	5.821	50+52	Chloromethane	994	120503	64.088
3	6.270	62+64	Vinyl Chloride	998	215906	54.841
4	7.720	94+96	Bromomethane	944	53340	33.671
5	9.610	49	Chloroethane	127	0	0.000
6	9.257	101+103	Trichlorofluoromethane	995	521782	61.602
7	11.689	101+151	Trichlorotrifluoroethane (Freon 113)	853	0	0.000
8	11.330	56	Acrolein	723	0	0.000
9	11.723	96+61+98	1,1-Dichloroethene	990	492273	53.190
10	12.339	142	Iodomethane	947	1915	1915.132
11	12.368	43+58	Acetone	947	24531	47.480
12	13.326	45	Isopropyl alcohol (2-Propanol)	564	0	0.000
13	12.402	76	Carbon disulfide	910	0	0.000
14	13.492	41	Acetonitrile	429	0	0.000
15	13.263	41	Allyl chloride	731	0	0.000
16	13.818	84+49+86	Methylene Chloride	999	596512	58.101
17	14.455	59	tert-Butanol	578	43854	269.775
18	14.530	73	Methyl-tert-butyl-ether (MTBE)	921	227490	46.151
19	14.542	61+96	t-1,2-Dichloroethene	972	423382	56.285
20	15.087	53	Acrylonitrile	560	0	0.000
21	15.925	63	1,1-Dichloroethane	984	307804	57.766
22	15.952	43	Vinyl acetate	735	170896	170895.900

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.954	45	Isopropyl ether	997	422494	59.323
24	16.898	59	Ethyl-tert-butyl-ether	999	480380	62.236
25	17.375	77+41	2,2-Dichloropropane	993	391322	49.911
26	17.467	61+96	c-1,2-Dichloroethene	991	426687	53.987
27	17.585	43+72	2-Butanone (MEK)	968	42111	56.879
28	17.954	54	Propionitrile	622	0	0.000
29	18.053	130+49	Bromochloromethane	990	241519	51.425
30	17.816	39	Methacrylonitrile	414	0	0.000
31	18.226	83+85	Chloroform	999	491225	51.526
32	18.534	97+99	1,1,1-Trichloroethane	983	622757	51.739
33	18.605	111	Dibromofluoromethane (Surr1)	926	105635	53.453
34	18.822	117+119	Carbon Tetrachloride	969	500998	52.446
35	19.829	42+72	Tetrahydrofuran	607	0	0.000
36	18.907	75+39	1,1-Dichloropropene	994	42934	8.858
37	19.360	78	Benzene	996	360105	49.358
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	996	123922	50.146
39	19.570	62+64	1,2-Dichloroethane	978	274731	55.584
40	19.534	73+55+87	tert-Amyl-methyl-ether	972	439807	51.713
42	20.732	130+132+95	Trichloroethene	988	562676	58.626
43	21.297	41	Methyl methacrylate	674	105687	105687.200
44	21.297	63+65	1,2-Dichloropropane	998	139109	55.950
45	21.548	93+174	Dibromomethane	954	178704	55.269
46	22.188	88	1,4-Dioxane	476	13	13.209
47	21.824	83+85	Bromodichloromethane	991	348402	51.027
48	22.960	63+43	2-Chloroethyl vinyl ether	990	87480	54.784
49	22.699	75+77+39	c-1,3-Dichloropropene	991	360273	48.437
50	22.960	43+58	4-Methyl-2-pentanone	990	122624	58.676
51	23.130	98	Toluene-d8 (Surr3)	993	418400	51.204
52	23.261	92+91	Toluene	996	1076015	53.560
53	24.448	69	Ethyl methacrylate	410	0	0.000
54	24.693	43+58+100	2-Hexanone	418	0	0.000
55	23.793	75+77	t-1,3-Dichloropropene	647	155647	51.355
56	24.156	97+99	1,1,2-Trichloroethane	972	207682	55.743
57	24.266	164+166	Tetrachloroethene	946	46410	53.105
58	24.495	76+41	1,3-Dichloropropane	987	270794	48.901
59	24.693	43	Isobutyl alcohol	418	0	0.000
60	24.881	129+127	Dibromochloromethane	950	218895	53.336
61	25.153	107+109	1,2-Dibromoethane	983	235113	51.503
62	26.112	91	1-Chlorohexane	997	754664	53.291
64	26.007	112+114	Chlorobenzene	992	592366	51.376
65	26.112	106+91	Ethylbenzene	997	1092385	49.006
66	26.152	131+117	1,1,1,2-Tetrachloroethane	982	258946	20.149
67	26.329	106+91	p,m-Xylenes	996	1839790	97.577
68	27.145	106+91	o-Xylene	996	992980	51.009
69	27.191	104+78	Styrene	984	590419	48.509
70	27.695	171+173+175	Bromoform	930	135715	52.870
71	27.869	105+120	Isopropylbenzene	999	1118538	52.168
72	28.866	75	cis-1,4-Dichloro-2-butene	970	76933	49.381
73	28.363	95	p-Bromofluorobenzene (Surr4)	987	179520	51.477
74	28.692	83+85	1,1,2,2-Tetrachloroethane	972	162386	44.129
75	28.752	77+158	Bromobenzene	985	426304	49.512
76	28.809	91+120	n-Propylbenzene	996	1227495	49.847

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.578	75	trans-1,4-Dichloro-2-butene	564	0	0.000
78	28.866	75+110	1,2,3-Trichloropropane	966	117962	51.691
79	29.153	91+126	2-Chlorotoluene	991	807223	50.811
80	29.226	105+120	1,3,5-Trimethylbenzene	998	1070282	54.738
81	29.436	91+126	4-Chlorotoluene	991	722911	50.956
82	30.073	119+91	tert-Butylbenzene	984	1391223	52.944
83	30.244	105+120	1,2,4-Trimethylbenzene	994	941118	53.081
84	32.327	117	Pentachloroethane	990	4520	56.786
85	30.691	105+134	sec-Butylbenzene	997	1101877	52.285
86	31.086	119	4-Isopropyltoluene	989	739913	53.975
87	31.221	146+148	1,3-Dichlorobenzene	990	459806	50.124
89	31.501	146+148	1,4-Dichlorobenzene	981	419462	48.296
90	32.321	91	Benzyl Chloride	991	542174	49.928
91	32.322	91+134	n-Butylbenzene	991	768868	48.649
92	32.636	146+148	1,2-Dichlorobenzene	986	418629	51.054
93	34.913	75+157	1,2-Dibromo-3-chloropropane	962	56956	47.918
94	37.080	180+182	1,2,4-Trichlorobenzene	976	189601	45.844
95	37.354	225+226	Hexachlorobutadiene	981	146932	46.508
96	37.774	128	Naphthalene	981	176940	46.212
97	38.396	180+182	1,2,3-Trichlorobenzene	983	172340	41.671

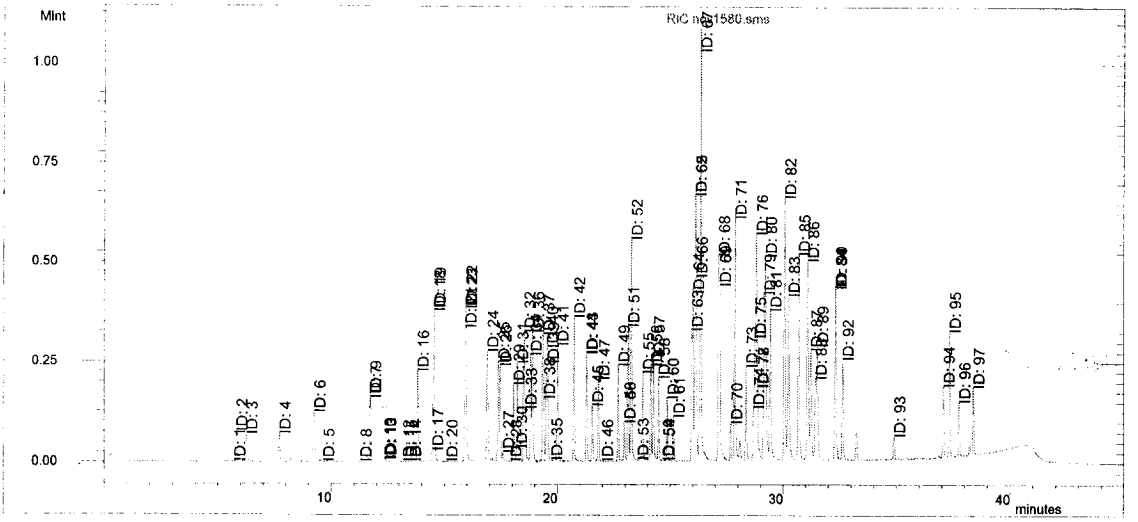
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1580.sms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCSD soil **Acquisition Dat** 11/28/02 10:26:27 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.001	96+70	Fluorobenzene (IS1)	999	475638	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	988	274564	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	967	122025	50.000
1	5.730	85	Dichlorodifluoromethane	565	0	0.000
2	5.821	50+52	Chloromethane	992	120611	62.392
3	6.270	62+64	Vinyl Chloride	999	207731	51.322
4	7.722	94+96	Bromomethane	958	61752	37.916
5	9.650	49	Chloroethane	678	0	0.000
6	9.254	101+103	Trichlorofluoromethane	992	508912	58.440
7	11.709	101+151	Trichlorotrifluoroethane (Freon 113)	786	0	0.000
8	11.292	56	Acrolein	759	0	0.000
9	11.722	96+61+98	1,1-Dichloroethene	992	518661	54.509
10	12.332	142	Iodomethane	957	1873	1873.286
11	12.371	43+58	Acetone	952	25952	48.858
12	13.175	45	Isopropyl alcohol (2-Propanol)	563	0	0.000
13	12.405	76	Carbon disulfide	963	0	0.000
14	13.483	41	Acetonitrile	493	0	0.000
15	13.289	41	Allyl chloride	726	0	0.000
16	13.818	84+49+86	Methylene Chloride	990	502327	47.589
17	14.459	59	tert-Butanol	582	55402	331.493
18	14.528	73	Methyl-tert-butyl-ether (MTBE)	925	217543	42.927
19	14.541	61+96	t-1,2-Dichloroethene	977	404883	52.354
20	15.092	53	Acrylonitrile	472	0	0.000
21	15.925	63	1,1-Dichloroethane	974	287762	52.529
22	15.951	43	Vinyl acetate	727	158946	158946.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.953	45	Isopropyl ether	986	391049	53.407
24	16.898	59	Ethyl-tert-butyl-ether	998	426459	53.739
25	17.375	77+41	2,2-Dichloropropane	993	366540	45.472
26	17.468	61+96	c-1,2-Dichloroethene	991	397475	48.916
27	17.586	43+72	2-Butanone (MEK)	951	39521	51.921
28	17.920	54	Propionitrile	515	0	0.000
29	18.053	130+49	Bromochloromethane	996	237325	49.151
30	18.184	39	Methacrylonitrile	370	0	0.000
31	18.227	83+85	Chloroform	1000	487688	49.757
32	18.535	97+99	1,1,1-Trichloroethane	983	613883	49.607
33	18.606	111	Dibromofluoromethane (Surr1)	911	107680	52.999
34	18.822	117+119	Carbon Tetrachloride	970	495878	50.491
35	19.728	42+72	Tetrahydrofuran	619	0	0.000
36	18.907	75+39	1,1-Dichloropropene	994	34306	6.885
37	19.360	78	Benzene	997	338067	45.070
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	997	128198	50.458
39	19.571	62+64	1,2-Dichloroethane	978	264118	51.975
40	19.536	73+55+87	tert-Amyl-methyl-ether	979	414880	47.448
42	20.733	130+132+95	Trichloroethene	987	523181	56.219
43	21.297	41	Methyl methacrylate	533	101360	101360.000
44	21.298	63+65	1,2-Dichloropropane	998	136947	56.806
45	21.548	93+174	Dibromomethane	954	178782	57.025
46	21.981	88	1,4-Dioxane	686	16	16.490
47	21.825	83+85	Bromodichloromethane	991	334418	50.513
48	22.963	63+43	2-Chloroethyl vinyl ether	989	89265	57.653
49	22.700	75+77+39	c-1,3-Dichloropropene	991	345271	47.874
50	22.962	43+58	4-Methyl-2-pentanone	988	120181	59.308
51	23.131	98	Toluene-d8 (Surr3)	993	421161	53.156
52	23.262	92+91	Toluene	996	1060285	54.430
53	23.561	69	Ethyl methacrylate	630	0	0.000
54	24.723	43+58+100	2-Hexanone	709	0	0.000
55	23.794	75+77	t-1,3-Dichloropropene	674	146031	49.692
56	24.156	97+99	1,1,2-Trichloroethane	972	193116	53.457
57	24.268	164+166	Tetrachloroethene	949	43774	51.658
58	24.495	76+41	1,3-Dichloropropane	986	258289	48.104
59	24.695	43	Isobutyl alcohol	671	0	0.000
60	24.882	129+127	Dibromochloromethane	954	215297	54.103
61	25.154	107+109	1,2-Dibromoethane	982	225528	50.951
62	26.113	91	1-Chlorohexane	997	719319	52.386
64	26.010	112+114	Chlorobenzene	992	549286	49.132
65	26.113	106+91	Ethylbenzene	997	1036050	48.471
66	26.154	131+117	1,1,1,2-Tetrachloroethane	982	252983	20.529
67	26.332	106+91	p,m-Xylenes	996	1757627	97.214
68	27.146	106+91	o-Xylene	996	923300	49.462
69	27.193	104+78	Styrene	985	550298	47.150
70	27.697	171+173+175	Bromoform	927	128901	52.368
71	27.871	105+120	Isopropylbenzene	999	1054746	51.301
72	28.867	75	cis-1,4-Dichloro-2-butene	969	74042	49.562
73	28.364	95	p-Bromofluorobenzene (Surr4)	987	180460	53.964
74	28.692	83+85	1,1,2,2-Tetrachloroethane	964	158942	45.045
75	28.753	77+158	Bromobenzene	989	405101	49.066
76	28.811	91+120	n-Propylbenzene	996	1147824	48.609

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.867	75	trans-1,4-Dichloro-2-butene	368	73817	49.411
78	28.867	75+110	1,2,3-Trichloropropane	967	114353	52.257
79	29.154	91+126	2-Chlorotoluene	991	721975	47.393
80	29.229	105+120	1,3,5-Trimethylbenzene	997	973979	51.947
81	29.437	91+126	4-Chlorotoluene	992	653829	48.062
82	30.074	119+91	tert-Butylbenzene	984	1377306	54.661
83	30.245	105+120	1,2,4-Trimethylbenzene	994	883992	51.996
84	32.322	117	Pentachloroethane	990	3950	51.751
85	30.693	105+134	sec-Butylbenzene	996	1050521	51.985
86	31.088	119	4-Isopropyltoluene	987	678091	51.585
87	31.224	146+148	1,3-Dichlorobenzene	983	422953	48.083
89	31.505	146+148	1,4-Dichlorobenzene	985	391258	46.980
90	32.323	91	Benzyl Chloride	991	509762	48.955
91	32.323	91+134	n-Butylbenzene	991	722136	47.650
92	32.636	146+148	1,2-Dichlorobenzene	987	377974	48.071
93	34.914	75+157	1,2-Dibromo-3-chloropropane	963	55566	48.752
94	37.082	180+182	1,2,4-Trichlorobenzene	976	179227	45.193
95	37.356	225+226	Hexachlorobutadiene	981	145166	47.918
96	37.776	128	Naphthalene	982	171059	46.590
97	38.397	180+182	1,2,3-Trichlorobenzene	983	160359	40.436

EPA 8270:

Data & QA/QC

Sequence Name: C:\HPCHEM\1\SEQUENCE\120402.S
Comment: data analyzed on the 4th of December 2002
Operator: dp
Data Path: C:\HPCHEM\1\DATA\DEC02\120402\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	120401	DFTPP525	50 ng of DFTPP Tune
2	Sample	3	120402	020401	50 ppm 8270 ccv
3	Sample	7	120403	020401	MB 102763
4	Sample	8	120404	020401	LCS 102763
5	Sample	9	120405	020401	102763-752
6	Sample	10	120406	020401	102763-752, MS
7	Sample	11	120407	020401	102763-752, MSD
8	Sample	12	120408	020401	102763-753
9	Sample	13	120409	020401	102763-754
10	Sample	14	120410	020401	102763-755
11	Sample	15	120411	020401	102763-756
12	Sample	16	120412	020401	102763-757
13	Sample	17	120413	020401	102763-758
14	Sample	18	120414	020401	102763-759
15	Sample	1	120415	DFTPP525	50 ng of DFTPP Tune
16	Sample	3	120416	020401	50 ppm 8270 ccv
17	Sample	19	120417	020401	102766-827
18	Sample	20	120418	020401	102943-775
19	Sample	21	120419	020401	102766-821
20	Sample	22	120420	020401	102766-822
21	Sample	23	120421	020401	102766-823
22	Sample	24	120422	020401	102766-824
23	Sample	25	120423	020401	102766-825
24	Sample	26	120424	020401	102766-826
25	Sample	27	120425	020401	102766-828
26	Sample	28	120426	020401	102766-829
27	Sample	3	120427	020401	50 ppm 8270 ccv

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration

Non-Spiked Sample: 120403.D, MB 102763, method blank - soil samples

	Spike Sample	Spike Duplicate Sample
File ID :	120404.D	
Sample :	LCS 102763	
Acq Time:	4 Dec 2002 3:44 pm	

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.2	50	27		54			35	26-125
2-Chlorophenol	0.1	50	28		57			50	25-125
1,4-Dichlorobenzene	0.1	50	28		56			27	28-104
n-Nitroso-di-n-propy	0.1	50	24		47			38	41-126
1,2,4-Trichlorobenze	0.0	50	29		58			23	38-107
4-Chloro-3-methylphe	0.0	50	33		67			33	26-103
Acenaphthene	0.0	50	33		66			19	31-137
4-Nitrophenol	0.0	50	42		84			50	11-114
2,4-Dinitrotoluene	0.1	50	39		78			47	28- 89
Pentachlorophenol	0.0	50	22		44			47	17-109
Pyrene	0.0	50	42		83			36	35-142

- Fails Limit Check

120202.M Thu Dec 05 09:09:51 2002

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration

Non-Spiked Sample: 120405.D, 102763-752, soil sample

	Spike Sample	Spike Duplicate Sample
File ID :	120406.D	120407.D
Sample :	102763-752, MS	102763-752, MSD
Acq Time:	4 Dec 2002 5:11 pm	4 Dec 2002 5:54 pm

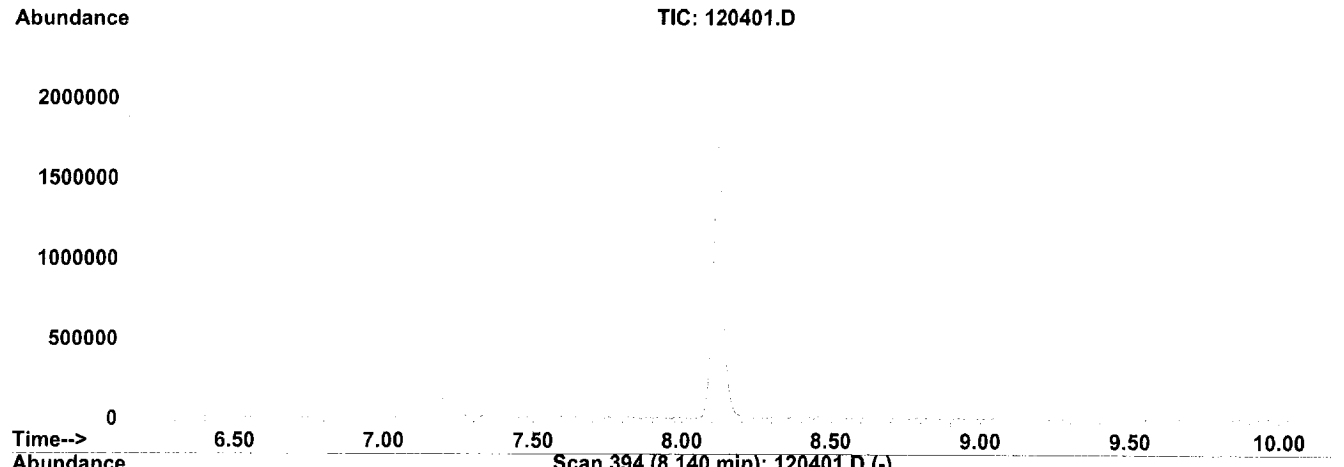
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.1	50	23	25	45	51	11	35	26-125
2-Chlorophenol	0.0	50	24	25	47	51	7	50	25-125
1,4-Dichlorobenzene	0.0	50	23	25	45	50	10	27	28-104
n-Nitroso-di-n-propy	0.1	50	21	20	42	40#	3	38	41-126
1,2,4-Trichlorobenze	0.0	50	23	24	46	49	5	23	38-107
4-Chloro-3-methylphe	0.0	50	31	30	62	59	4	33	26-103
Acenaphthene	0.0	50	29	30	57	60	6	19	31-137
4-Nitrophenol	0.0	50	47	46	94	92	2	50	11-114
2,4-Dinitrotoluene	0.1	50	42	42	83	85	2	47	28- 89
Pentachlorophenol	0.0	50	36	38	72	75	4	47	17-109
Pyrene	0.0	50	41	45	82	89	8	36	35-142

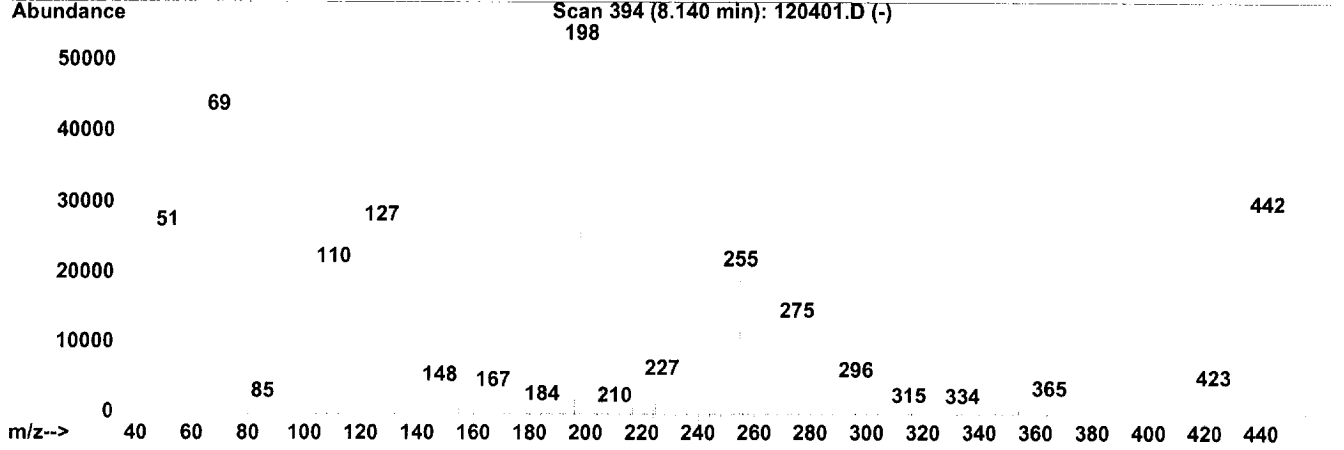
- Fails Limit Check

120202.M Thu Dec 05 09:13:27 2002

DFTPP

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120401.D Vial: 1
Acq On : 4 Dec 2002 1:54 pm Operator: dp
Sample : 50 ng of DFTPP Tune Inst : GC/MS Ins
Misc : W# 02120206, Lot # B1100352-1A Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270





Spectrum Information: Scan 394

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.2	25916	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	80.1	42234	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	50.5	26634	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	52706	PASS
199	198	5	9	7.0	3668	PASS
275	198	10	30	24.5	12894	PASS
365	198	1	100	3.4	1788	PASS
441	443	0.01	100	82.5	4016	PASS
442	198	40	100	53.4	28150	PASS
443	442	17	23	17.3	4865	PASS

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration

Calibration Files
20 =113002.D 50 =113003.D 80 =113004.D
120 =113005.D 160 =113006.D

		Compound	20	50	80	120	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		Pyridine	0.705	0.856	0.782	0.961	0.889	0.839	11.73
3)	S	2-Fluorophenol	0.967	0.836	0.823	1.021	0.993	0.928	9.95
4)	S	Phenol-d5	1.184	1.056	1.097	1.306	1.246	1.178	8.74
5)	TMC	Phenol	1.288	1.244	1.253	1.527	1.418	1.346	9.12#
6)	T	Aniline	1.172	1.071	1.080	1.253	1.179	1.151	6.60
7)	T	bis(2-Chloroethyl)eth	0.995	0.931	0.929	1.099	1.052	1.001	7.49
8)	TM	2-Chlorophenol	0.929	0.888	0.885	1.049	0.991	0.948	7.47
9)	T	1,3-Dichlorobenzene	1.015	0.963	0.976	1.144	1.116	1.043	7.88
10)	TMC	1,4-Dichlorobenzene	1.090	0.996	1.014	1.211	1.159	1.094	8.41#
11)	T	Benzyl alcohol	0.782	0.715	0.713	0.853	0.809	0.774	7.83
12)	T	1,2-Dichlorobenzene	1.015	0.934	0.930	1.097	1.051	1.006	7.26
13)	T	2-Methylphenol	0.782	0.715	0.713	0.853	0.809	0.774	7.83
14)	T	bis(2-Chloroisopropyl	1.805	1.733	1.753	2.038	1.920	1.850	6.91
15)	T	4-Methylphenol	1.025	0.962	1.004	1.158	1.087	1.047	7.31
16)	T	3-Methylphenol	1.025	0.962	1.004	1.158	1.087	1.047	7.31
17)	TMP	n-Nitroso-di-n-propyl	0.503	0.488	0.510	0.613	0.550	0.533	9.48
18)	T	Hexachloroethane	0.422	0.457	0.462	0.544	0.506	0.478	9.87
19)	I	Naphthalene-d8	----------ISTD----------						
20)	S	Nitrobenzene-d5	0.462	0.462	0.525	0.514	0.515	0.496	6.24
21)	T	Nitrobenzene	0.232	0.228	0.265	0.263	0.266	0.251	7.61
22)	T	Isophorone	0.881	0.853	0.961	0.932	0.924	0.910	4.72
23)	TC	2-Nitrophenol	0.243	0.238	0.270	0.273	0.280	0.261	7.27#
24)	T	2,4-Dimethylphenol	0.285	0.290	0.320	0.322	0.328	0.309	6.44
25)	T	bis(2-Chloroethoxy)me	0.489	0.546	0.588	0.558	0.566	0.549	6.75
26)	T	Benzoic acid	0.221	0.251	0.293	0.297	0.299	0.272	12.77
27)	TC	2,4-Dichlorophenol	0.330	0.325	0.358	0.357	0.364	0.347	5.13#
28)	TM	1,2,4-Trichlorobenzen	0.317	0.334	0.372	0.360	0.372	0.351	7.00
29)	T	Naphthalene	1.162	1.177	1.308	1.263	1.277	1.237	5.19
30)	T	4-Chloroaniline	0.463	0.467	0.527	0.523	0.519	0.500	6.37
31)	TC	Hexachlorobutadiene	0.167	0.164	0.185	0.185	0.189	0.178	6.36#
32)	TMC	4-Chloro-3-methylphen	0.329	0.339	0.405	0.379	0.387	0.368	8.83#
33)	T	2-Methylnaphthalene	0.734	0.752	0.863	0.841	0.845	0.807	7.37
34)	I	Acenaphthene-d10	----------ISTD----------						
35)	TP	Hexachloropentadiene	0.256	0.280	0.306	0.309	0.323	0.295	8.96
36)	TC	2,4,6-Trichlorophenol	0.356	0.347	0.416	0.407	0.425	0.390	9.23#
37)	T	2,4,5-Trichlorophenol	0.374	0.368	0.412	0.427	0.440	0.404	7.89
38)	S	2-Fluorobiphenyl	1.302	1.310	1.487	1.429	1.477	1.401	6.39
39)	T	2-Chloronaphthalene	1.266	1.230	1.407	1.348	1.398	1.330	5.95
40)	T	2-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
41)	T	Dimethylphthalate	1.457	1.487	1.644	1.563	1.580	1.546	4.85

000166

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration

Calibration Files
20 =113002.D 50 =113003.D 80 =113004.D
120 =113005.D 160 =113006.D

		Compound	20	50	80	120	160	Avg	%RSD
42)	T	2,6-Dinitrotoluene	0.305	0.328	0.390	0.374	0.387	0.357	10.70
43)	T	Acenaphthylene	2.167	2.144	2.406	2.271	2.287	2.255	4.64
44)	T	3-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
45)	TMC	Acenaphthene	1.237	1.232	1.352	1.326	1.354	1.300	4.68#
46)	TP	2,4-Dinitrophenol	0.118	0.156	0.200	0.207	0.223	0.181	23.92
47)	TMP	4-Nitrophenol	0.172	0.202	0.242	0.227	0.244	0.218	14.04
48)	TM	2,4-Dinitrotoluene	0.376	0.435	0.506	0.478	0.494	0.458	11.62
49)	T	Dibenzofuran	1.752	1.790	2.011	1.887	1.930	1.874	5.58
50)	T	Diethylphthalate	1.561	1.594	1.753	1.620	1.645	1.635	4.48
51)	T	4-Chlorophenyl phenyl	0.583	0.569	0.650	0.621	0.631	0.611	5.51
52)	T	Fluorene	1.447	1.408	1.622	1.543	1.569	1.518	5.82
53)	T	4-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
54)	S	2,4,6-Tribromophenol	0.128	0.149	0.167	0.168	0.167	0.156	11.38
55)	I	Phenanthrene-d10	----------ISTD----------						
56)	T	4,6-Dinitro-2-methylp	0.124	0.161	0.203	0.218	0.227	0.186	23.28
57)	TC	n-Nitrosodiphenylamin	0.667	0.696	0.752	0.784	0.771	0.734	6.84#
58)	T	Azobenzene	1.292	1.332	1.431	1.438	1.463	1.391	5.35
59)	T	4-Bromophenyl phenyl	0.221	0.225	0.245	0.249	0.255	0.239	6.41
60)	T	Hexachlorobenzene	0.228	0.234	0.269	0.269	0.265	0.253	8.00
61)	TMC	Pentachlorophenol	0.128	0.143	0.169	0.175	0.192	0.161	15.86#
62)	T	Anthracene	1.366	1.343	1.507	1.539	1.562	1.463	6.95
63)	T	Phenanthrene	1.376	1.374	1.477	1.497	1.506	1.446	4.55
64)	T	Di-n-butylphthalate	2.011	2.024	2.211	2.212	2.223	2.136	5.09
65)	TC	Fluoranthene	1.295	1.292	1.468	1.425	1.469	1.390	6.45#
66)	I	Chrysene-d12	----------ISTD----------						
67)	TM	Pyrene	1.694	1.622	1.843	1.807	1.929	1.779	6.85
68)	S	Terphenyl-d14	1.087	1.062	1.214	1.193	1.270	1.165	7.53
69)	T	Butylbenzylphthalate	1.082	1.069	1.234	1.220	1.281	1.177	8.13
70)	T	3,3'-Dichlorobenzidin	0.488	0.497	0.616	0.605	0.630	0.567	12.13
71)	T	bis(2-Ethylhexyl)phth	1.421	1.507	1.659	1.649	1.781	1.603	8.79
72)	T	Benzo(a)anthracene	1.455	1.450	1.663	1.633	1.675	1.575	7.16
73)	T	Chrysene	1.380	1.331	1.507	1.516	1.588	1.464	7.22
74)	I	Perylene-d12	----------ISTD----------						
75)	TC	Di-n-octylphthalate	2.073	2.271	2.396	2.393	2.676	2.362	9.28#
76)	T	Benzo(b)fluoranthrene	2.068	2.078	2.321	2.201	2.240	2.181	4.96
77)	T	Benzo(k)fluoranthrene	1.707	1.834	1.952	1.969	2.186	1.929	9.22
78)	TC	Benzo(a)pyrene	1.593	1.726	1.913	1.858	2.017	1.821	9.07#
79)	T	Indeno(1,2,3-cd)pyren	1.751	1.869	2.166	2.123	2.268	2.035	10.64
80)	T	Dibenzo(a,h)anthracen	1.322	1.479	1.710	1.691	1.804	1.601	12.24
81)	T	Benzo(g,h,i)perylene	1.453	1.575	1.808	1.780	1.860	1.695	10.23

(#) = Out of Range

000167

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 15:08 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1798237	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	3237885	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1538473	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	2031448	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1570422	40.00	ug/L	0.00
74) Perylene-d12	31.29	264	969608	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.61	112	1996078	47.85	ug/L	0.00
Spiked Amount 100.000	Range 21 - 110		Recovery = 47.85%			
4) Phenol-d5	8.31	99	2426959	45.84	ug/L	0.00
Spiked Amount 100.000	Range 10 - 110		Recovery = 45.84%			
20) Nitrobenzene-d5	10.70	82	2015029	50.23	ug/L	0.00
Spiked Amount 50.000	Range 34 - 114		Recovery = 100.46%			
38) 2-Fluorobiphenyl	15.48	172	2623709	48.69	ug/L	0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 97.38%			
54) 2,4,6-Tribromophenol	19.27	330	264381	44.15	ug/L	0.00
Spiked Amount 100.000	Range 10 - 123		Recovery = 44.15%			
68) Terphenyl-d14	25.19	244	2118549	46.31	ug/L	0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 92.62%			
Target Compounds						Qvalue
2) Pyridine	2.86	79	1917307	50.86	ug/L	100
5) Phenol	8.34	94	2654702	43.86	ug/L #	75
6) Aniline	8.31	93	2168565	41.92	ug/L #	40
7) bis(2-Chloroethyl)ether	8.53	93	2073609	46.07	ug/L	93
8) 2-Chlorophenol	8.60	128	1912528	44.86	ug/L	92
9) 1,3-Dichlorobenzene	9.00	146	2144437	45.74	ug/L	98
10) 1,4-Dichlorobenzene	9.21	146	2194675	44.63	ug/L	97
11) Benzyl alcohol	9.63	108	1220544	35.06	ug/L	92
12) 1,2-Dichlorobenzene	9.61	146	1997000	44.18	ug/L	98
13) 2-Methylphenol	9.98	108	1484318	42.64	ug/L	93
14) bis(2-Chloroisopropyl)ethe	10.01	45	3587804	43.14	ug/L #	87
15) 4-Methylphenol	10.42	107	1989453	42.25	ug/L	97
16) 3-Methylphenol	10.42	107	1989453	42.25	ug/L	97
17) n-Nitroso-di-n-propylamine	10.36	70	687885	28.71	ug/L	96
18) Hexachloroethane	10.49	117	978878	45.53	ug/L	99
21) Nitrobenzene	10.76	123	960053	47.30	ug/L	96
22) Isophorone	11.41	82	3564172	48.37	ug/L	99
23) 2-Nitrophenol	11.61	139	1003341	47.53	ug/L	98
24) 2,4-Dimethylphenol	11.83	122	1150272	46.00	ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 15:08 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25)	bis(2-Chloroethoxy)methane	12.06	93	2185578	49.14 ug/L	98
26)	Benzoic acid	12.20	105	990340	44.94 ug/L	94
27)	2,4-Dichlorophenol	12.27	162	1335608	47.56 ug/L	96
28)	1,2,4-Trichlorobenzene	12.46	180	1342037	47.22 ug/L	98
29)	Naphthalene	12.64	128	4773917	47.67 ug/L	99
30)	4-Chloroaniline	12.88	127	1609709	39.77 ug/L	99
31)	Hexachlorobutadiene	13.00	225	752699	52.22 ug/L	99
32)	4-Chloro-3-methylphenol	14.23	107	1367350	45.90 ug/L	98
33)	2-Methylnaphthalene	14.48	142	3030921	46.40 ug/L	99
35)	Hexachloropentadiene	14.89	237	549097	48.47 ug/L	93
36)	2,4,6-Trichlorophenol	15.28	196	724367	48.27 ug/L	97
37)	2,4,5-Trichlorophenol	15.37	196	750710	48.29 ug/L	98
39)	2-Chloronaphthalene	15.75	162	2501218	48.90 ug/L	100
40)	2-Nitroaniline	16.10	138	1012464	47.35 ug/L	96
41)	Dimethylphthalate	16.60	163	2907621	48.89 ug/L	100
42)	2,6-Dinitrotoluene	16.76	165	651888	47.47 ug/L	98
43)	Acenaphthylene	16.82	152	3999689	46.12 ug/L	99
44)	3-Nitroaniline	16.10	138	1012464	47.35 ug/L	96
45)	Acenaphthene	17.29	154	2375019	47.49 ug/L	97
46)	2,4-Dinitrophenol	17.45	184	351209	50.53 ug/L	89
47)	4-Nitrophenol	17.73	109	457771	54.72 ug/L	95
48)	2,4-Dinitrotoluene	17.79	165	861762	48.94 ug/L	88
49)	Dibenzofuran	17.74	168	3418999	47.44 ug/L	84
50)	Diethylphthalate	18.42	149	2996152	47.66 ug/L	99
51)	4-Chlorophenyl phenyl ethe	18.66	204	1087347	46.27 ug/L	98
52)	Fluorene	18.62	166	2703911	46.32 ug/L	97
53)	4-Nitroaniline	16.10	138	1012464	47.35 ug/L	98
56)	4,6-Dinitro-2-methylphenol	18.83	198	497548	52.54 ug/L	94
57)	n-Nitrosodiphenylamine	18.99	169	1694514	45.44 ug/L	99
58)	Azobenzene	19.07	77	3445943	48.78 ug/L	99
59)	4-Bromophenyl phenyl ether	19.91	248	595187	49.02 ug/L	97
60)	Hexachlorobenzene	20.05	284	593944	46.20 ug/L	92
61)	Pentachlorophenol	20.59	266	359189	43.80 ug/L	97
62)	Anthracene	21.23	178	3473491	46.74 ug/L	99
63)	Phenanthrene	21.10	178	3410085	46.44 ug/L	99
64)	Di-n-butylphthalate	22.64	149	5257430	48.46 ug/L	99
65)	Fluoranthene	24.18	202	3278488	46.45 ug/L	99
67)	Pyrene	24.75	202	3275815	46.90 ug/L	98
69)	Butylbenzylphthalate	26.49	149	2254365	48.78 ug/L	98
70)	3,3'-Dichlorobenzidine	27.84	252	755553	33.93 ug/L	99
71)	bis(2-Ethylhexyl)phthalate	27.93	149	3037607	48.25 ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 15:08 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

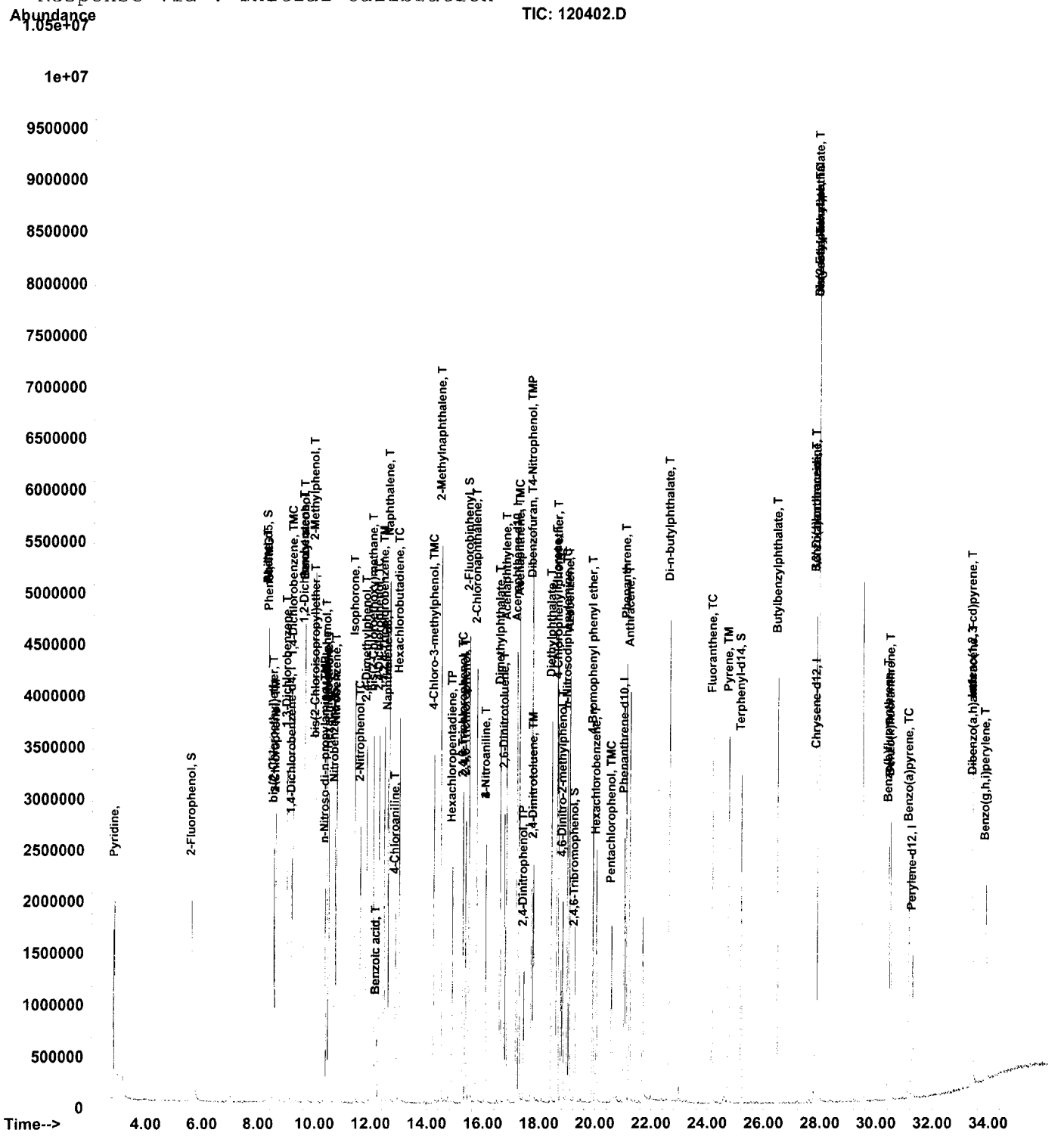
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72)	Benzo(a)anthracene	27.84	228	2843987	45.98 ug/L	99
73)	Chrysene	27.94	228	2647531	46.05 ug/L	97
75)	Di-n-octylphthalate	27.93	149	3037607	53.06 ug/L	98
76)	Benzo(b)fluoranthrene	30.43	252	2557222	48.36 ug/L	99
77)	Benzo(k)fluoranthrene	30.50	252	2278722	48.72 ug/L	100
78)	Benzo(a)pyrene	31.17	252	2128888	48.22 ug/L	97
79)	Indeno(1,2,3-cd)pyrene	33.41	276	2262355	45.86 ug/L	96
80)	Dibenzo(a,h)anthracene	33.43	278	1769977	45.60 ug/L	96
81)	Benzo(g,h,i)perylene	33.90	276	1844474	44.89 ug/L	98

(#) = qualifier out of range (m) = manual integration

000170

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 15:08 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	335#	0.00
2		Pyridine	0.839	0.853	-1.7	334#	0.00
3	S	2-Fluorophenol	0.928	0.888	4.3	356#	0.00
4	S	Phenol-d5	1.178	1.080	8.3	343#	0.00
5	TMC	Phenol	1.346	1.181	12.3#	318#	0.00
6	T	Aniline	1.151	0.965	16.2	302#	0.00
7	T	bis(2-Chloroethyl)ether	1.001	0.923	7.8	332#	0.00
8	TM	2-Chlorophenol	0.948	0.851	10.2	321#	0.00
9	T	1,3-Dichlorobenzene	1.043	0.954	8.5	332#	0.00
10	TMC	1,4-Dichlorobenzene	1.094	0.976	10.8#	329#	0.00
11	T	Benzyl alcohol	0.774	0.543	29.8#	255#	0.00
12	T	1,2-Dichlorobenzene	1.006	0.888	11.7	319#	0.00
13	T	2-Methylphenol	0.774	0.660	14.7	310#	0.00
14	T	bis(2-Chloroisopropyl)ether	1.850	1.596	13.7	309#	0.00
15	T	4-Methylphenol	1.047	0.885	15.5	308#	0.00
16	T	3-Methylphenol	1.047	0.885	15.5	308#	0.00
17	TMP	n-Nitroso-di-n-propylamine	0.533	0.306	42.6#	210#	0.00
18	T	Hexachloroethane	0.478	0.435	9.0	320#	0.00
19	I	Naphthalene-d8	1.000	1.000	0.0	292#	0.00
20	S	Nitrobenzene-d5	0.496	0.498	-0.4	314#	0.00
21	T	Nitrobenzene	0.251	0.237	5.6	304#	0.00
22	T	Isophorone	0.910	0.881	3.2	301#	0.00
23	TC	2-Nitrophenol	0.261	0.248	5.0#	304#	0.00
24	T	2,4-Dimethylphenol	0.309	0.284	8.1	286#	0.00
25	T	bis(2-Chloroethoxy)methane	0.549	0.540	1.6	289#	0.00
26	T	Benzoic acid	0.272	0.245	9.9	285#	0.00
27	TC	2,4-Dichlorophenol	0.347	0.330	4.9#	296#	0.00
28	TM	1,2,4-Trichlorobenzene	0.351	0.332	5.4	290#	0.00
29	T	Naphthalene	1.237	1.180	4.6	293#	0.00
30	T	4-Chloroaniline	0.500	0.398	20.4	248#	0.00
31	TC	Hexachlorobutadiene	0.178	0.186	-4.5#	330#	0.00
32	TMC	4-Chloro-3-methylphenol	0.368	0.338	8.2#	291#	0.00
33	T	2-Methylnaphthalene	0.807	0.749	7.2	291#	0.00
34	I	Acenaphthene-d10	1.000	1.000	0.0	265#	0.00
35	TP	Hexachloropentadiene	0.295	0.286	3.1	271#	0.00
36	TC	2,4,6-Trichlorophenol	0.390	0.377	3.3#	288#	0.00
37	T	2,4,5-Trichlorophenol	0.404	0.390	3.5	281#	0.00
38	S	2-Fluorobiphenyl	1.401	1.364	2.6	276#	0.00
39	T	2-Chloronaphthalene	1.330	1.301	2.2	281#	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	T	2-Nitroaniline	0.556	0.526	5.4	271#	0.00
41	T	Dimethylphthalate	1.546	1.512	2.2	270#	0.00
42	T	2,6-Dinitrotoluene	0.357	0.339	5.0	274#	0.00
43	T	Acenaphthylene	2.255	2.080	7.8	257#	0.00
44	T	3-Nitroaniline	0.556	0.526	5.4	271#	0.00
45	TMC	Acenaphthene	1.300	1.235	5.0#	266#	0.00
46	TP	2,4-Dinitrophenol	0.181	0.183	-1.1	311#	0.00
47	TMP	4-Nitrophenol	0.218	0.238	-9.2	313#	0.00
48	TM	2,4-Dinitrotoluene	0.458	0.448	2.2	274#	0.00
49	T	Dibenzofuran	1.874	1.778	5.1	264#	0.00
50	T	Diethylphthalate	1.635	1.558	4.7	259#	0.00
51	T	4-Chlorophenyl phenyl ether	0.611	0.565	7.5	264#	0.00
52	T	Fluorene	1.518	1.406	7.4	265#	0.00
53	T	4-Nitroaniline	0.556	0.526	5.4	271#	0.00
54	S	2,4,6-Tribromophenol	0.156	0.137	12.2	245#	0.00
55	I	Phenanthrene-d10	1.000	1.000	0.0	255#	0.00
56	T	4,6-Dinitro-2-methylphenol	0.186	0.196	-5.4	311#	0.00
57	TC	n-Nitrosodiphenylamine	0.734	0.667	9.1#	244#	0.00
58	T	Azobenzene	1.391	1.357	2.4	259#	0.00
59	T	4-Bromophenyl phenyl ether	0.239	0.234	2.1	265#	0.00
60	T	Hexachlorobenzene	0.253	0.234	7.5	254#	0.00
61	TMC	Pentachlorophenol	0.161	0.141	12.4#	252#	0.00
62	T	Anthracene	1.463	1.368	6.5	259#	0.00
63	T	Phenanthrene	1.446	1.343	7.1	249#	0.00
64	T	Di-n-butylphthalate	2.136	2.070	3.1	260#	0.00
65	TC	Fluoranthene	1.390	1.291	7.1#	254#	0.00
66	I	Chrysene-d12	1.000	1.000	0.0	240#	0.00
67	TM	Pyrene	1.779	1.669	6.2	247#	0.00
68	S	Terphenyl-d14	1.165	1.079	7.4	244#	0.00
69	T	Butylbenzylphthalate	1.177	1.148	2.5	258#	0.00
70	T	3,3'-Dichlorobenzidine	0.567	0.385	32.1#	186#	0.00
71	T	bis(2-Ethylhexyl)phthalate	1.603	1.547	3.5	246#	0.00
72	T	Benzo(a)anthracene	1.575	1.449	8.0	240#	0.00
73	T	Chrysene	1.464	1.349	7.9	243#	0.00
74	I	Perylene-d12	1.000	1.000	0.0	223#	0.00
75	TC	Di-n-octylphthalate	2.362	2.506	-6.1#	246#	0.00
76	T	Benzo(b)fluoranthrene	2.181	2.110	3.3	227#	0.00
77	T	Benzo(k)fluoranthrene	1.929	1.880	2.5	229#	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
78	TC	Benzo(a)pyrene	1.821	1.756	3.6#	227#	0.00
79	T	Indeno(1,2,3-cd)pyrene	2.035	1.867	8.3	223#	0.00
80	T	Dibenzo(a,h)anthracene	1.601	1.460	8.8	220#	0.00
81	T	Benzo(g,h,i)perylene	1.695	1.522	10.2	216#	0.00

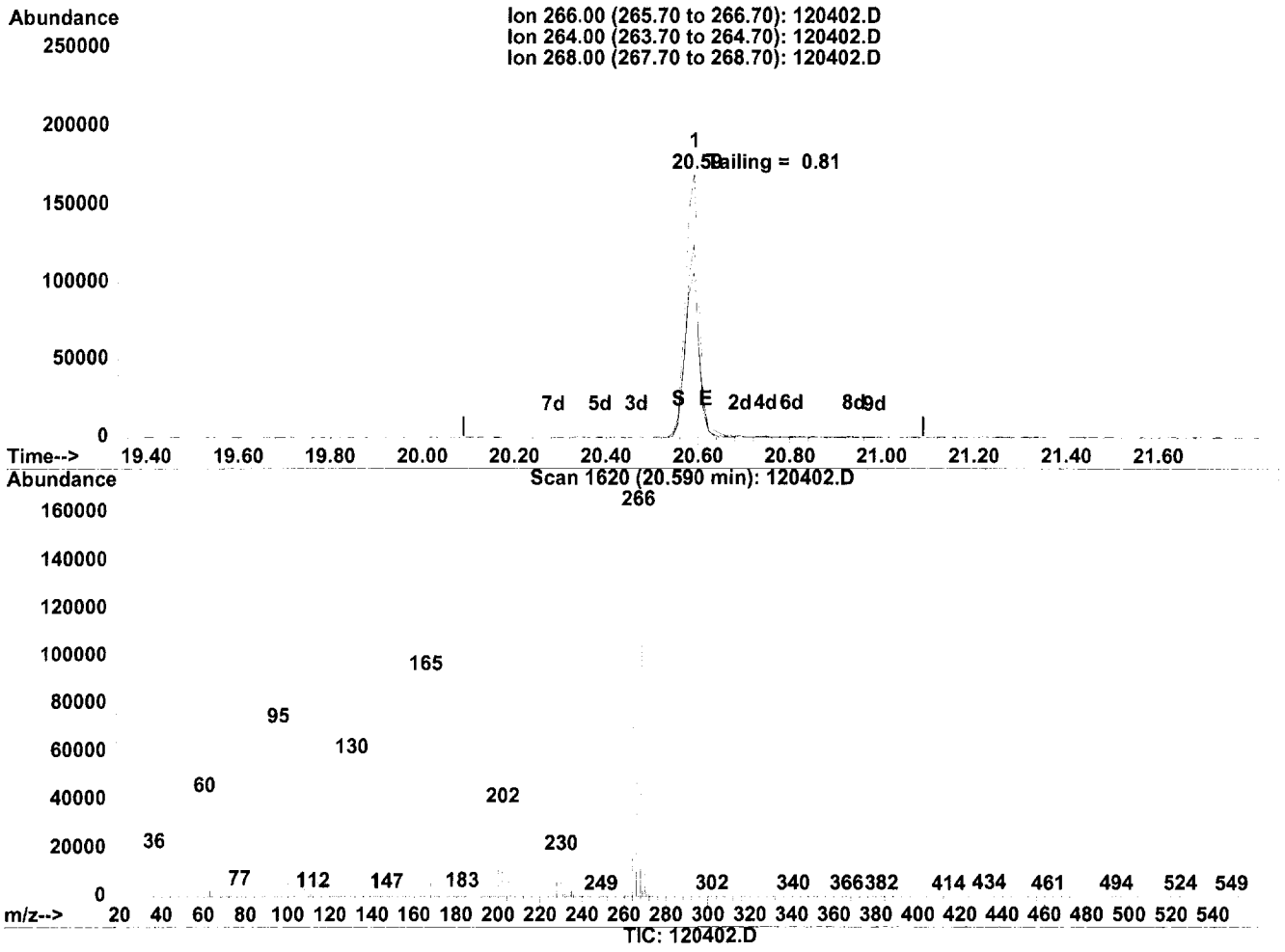
(#) = Out of Range SPCC's out = 0 CCC's out = 13

000174

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
Quant Time: Dec 4 15:08 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration



(61) Pentachlorophenol (TMC)

20.59min 43.80ug/L

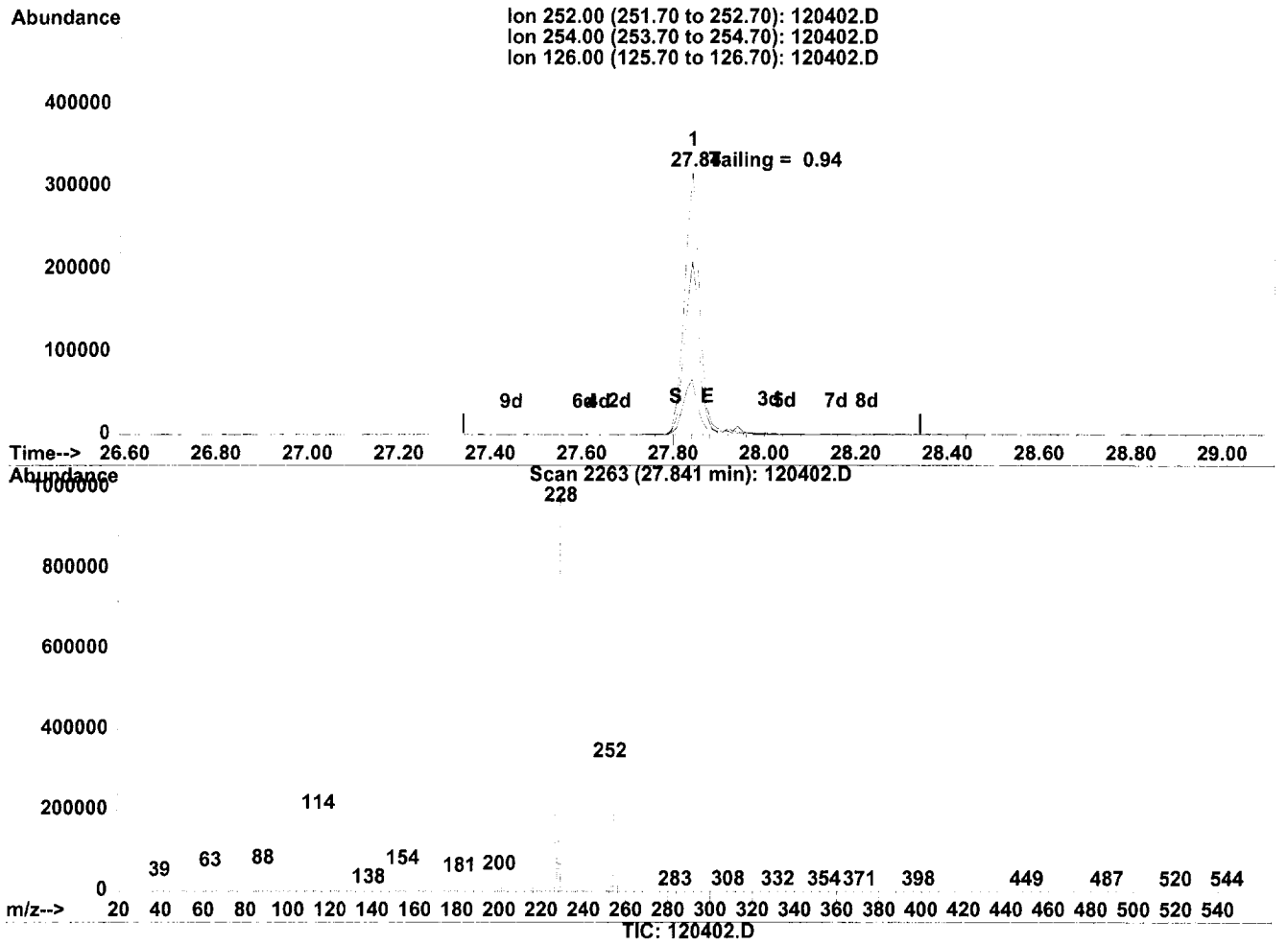
response 359189

Ion	Exp%	Act%
266.00	100	100
264.00	62.70	63.15
268.00	73.40	69.45
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120402.D Vial: 3
Acq On : 4 Dec 2002 2:18 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
Quant Time: Dec 4 15:08 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration



(70) 3,3'-Dichlorobenzidine (T)

27.84min 33.93ug/L

response 755553

Ion	Exp%	Act%
252.00	100	100
254.00	66.20	65.26
126.00	21.30	20.79
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120403.D Vial: 7
Acq On : 4 Dec 2002 3:01 pm Operator: dp
Sample : MB 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:07 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

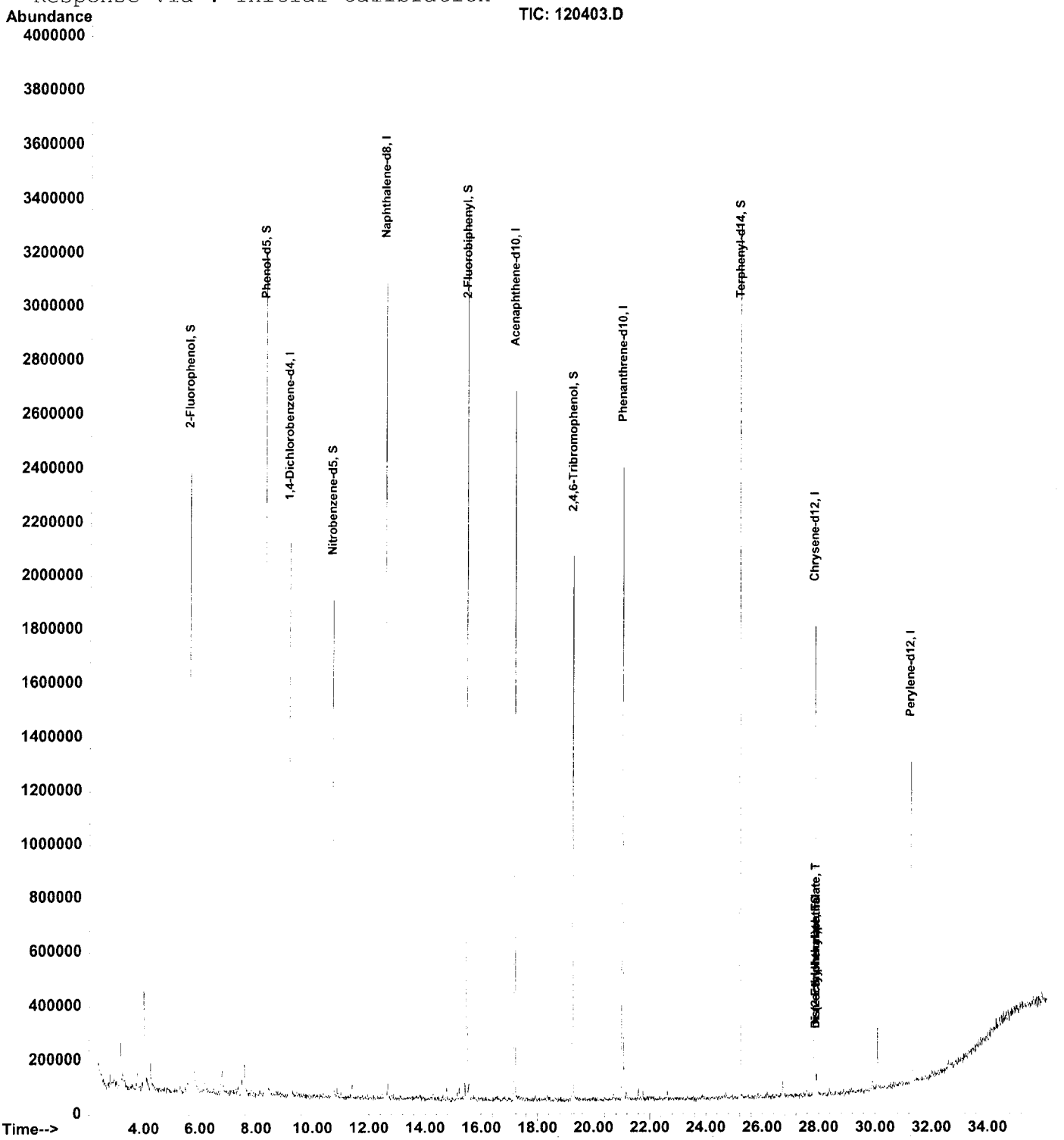
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1366444	40.00	ug/L	0.00
19) Naphthalene-d8	12.57	136	2820194	40.00	ug/L	0.00
34) Acenaphthene-d10	17.19	164	1343502	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1798280	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1294495	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	848543	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	2193495	69.19	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 69.19%			
4) Phenol-d5	8.31	99	2919010	72.56	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 72.56%			
20) Nitrobenzene-d5	10.70	82	1328106	38.01	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 76.02%			
38) 2-Fluorobiphenyl	15.48	172	1941003	41.25	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 82.50%			
54) 2,4,6-Tribromophenol	19.26	330	338958	64.81	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 64.81%			
68) Terphenyl-d14	25.20	244	2177536	57.74	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 115.48%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.93	149	30586	0.59	ug/L #	89
75) Di-n-octylphthalate	27.93	149	30586	0.61	ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120403.D Vial: 7
Acq On : 4 Dec 2002 3:01 pm Operator: dp
Sample : MB 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:07 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000178

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120404.D Vial: 8
Acq On : 4 Dec 2002 3:44 pm Operator: dp
Sample : LCS 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:07 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1439734	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	2920252	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1461753	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1978129	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1546353	40.00	ug/L	0.00
74) Perylene-d12	31.30	264	965573	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1871714	56.04	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 56.04%			
4) Phenol-d5	8.31	99	2597039	61.27	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 61.27%			
20) Nitrobenzene-d5	10.70	82	1188811	32.86	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 65.72%			
38) 2-Fluorobiphenyl	15.48	172	1960462	38.29	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 76.58%			
54) 2,4,6-Tribromophenol	19.26	330	439613	77.26	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 77.26%			
68) Terphenyl-d14	25.21	244	2285876	50.74	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 101.48%			
Target Compounds						Qvalue
5) Phenol	8.35	94	1318967	27.22	ug/L	95
7) bis(2-Chloroethyl)ether	8.54	93	1088445	30.20	ug/L	92
8) 2-Chlorophenol	8.59	128	970057	28.42	ug/L	94
9) 1,3-Dichlorobenzene	9.00	146	1053953	28.08	ug/L	96
10) 1,4-Dichlorobenzene	9.21	146	1107383	28.12	ug/L	96
12) 1,2-Dichlorobenzene	9.61	146	1004036	27.74	ug/L	98
13) 2-Methylphenol	9.98	108	838175	30.07	ug/L #	93
14) bis(2-Chloroisopropyl)ethe	10.02	45	1874670	28.15	ug/L #	87
15) 4-Methylphenol	10.42	107	1094002	29.02	ug/L	99
16) 3-Methylphenol	10.42	107	1094002	29.02	ug/L	99
17) n-Nitroso-di-n-propylamine	10.36	70	457585	23.85	ug/L	95
18) Hexachloroethane	10.49	117	491098	28.53	ug/L	96
21) Nitrobenzene	10.76	123	532766	29.10	ug/L	94
22) Isophorone	11.41	82	1581877	23.80	ug/L	99
23) 2-Nitrophenol	11.62	139	546628	28.71	ug/L	95
24) 2,4-Dimethylphenol	11.83	122	554724	24.60	ug/L	98
25) bis(2-Chloroethoxy)methane	12.07	93	1118607	27.89	ug/L	99
27) 2,4-Dichlorophenol	12.27	162	741359	29.27	ug/L	97
28) 1,2,4-Trichlorobenzene	12.45	180	742836	28.98	ug/L	97

(#) = qualifier out of range (m) = manual integration

000179

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120404.D Vial: 8
Acq On : 4 Dec 2002 3:44 pm Operator: dp
Sample : LCS 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:07 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	12.63	128	2640964	29.24 ug/L	94
30) 4-Chloroaniline	12.87	127	679909	18.62 ug/L	99
31) Hexachlorobutadiene	13.00	225	376735	28.98 ug/L	98
32) 4-Chloro-3-methylphenol	14.22	107	895874	33.34 ug/L	96
33) 2-Methylnaphthalene	14.48	142	1679625	28.51 ug/L	97
35) Hexachloropentadiene	14.90	237	248097	23.05 ug/L	93
36) 2,4,6-Trichlorophenol	15.27	196	434953	30.51 ug/L	97
37) 2,4,5-Trichlorophenol	15.36	196	495407	33.54 ug/L	98
39) 2-Chloronaphthalene	15.74	162	1581398	32.54 ug/L	98
40) 2-Nitroaniline	16.09	138	688669	33.90 ug/L	94
41) Dimethylphthalate	16.60	163	2152862	38.10 ug/L	99
42) 2,6-Dinitrotoluene	16.76	165	483156	37.03 ug/L	95
43) Acenaphthylene	16.82	152	2425109	29.43 ug/L	99
44) 3-Nitroaniline	16.09	138	688669	33.90 ug/L	94
45) Acenaphthene	17.28	154	1561661	32.87 ug/L	98
46) 2,4-Dinitrophenol	17.45	184	49438	7.49 ug/L #	62
47) 4-Nitrophenol	17.72	109	333492	41.95 ug/L	88
48) 2,4-Dinitrotoluene	17.79	165	649638	38.83 ug/L	92
49) Dibenzofuran	17.73	168	2280126	33.30 ug/L	80
50) Diethylphthalate	18.43	149	2495824	41.78 ug/L	99
51) 4-Chlorophenyl phenyl ethe	18.66	204	793551	35.54 ug/L	98
52) Fluorene	18.62	166	1962126	35.38 ug/L	96
53) 4-Nitroaniline	16.09	138	688669	33.90 ug/L	95
56) 4,6-Dinitro-2-methylphenol	18.82	198	194570	21.10 ug/L	86
58) Azobenzene	19.06	77	2500822	36.35 ug/L	97
59) 4-Bromophenyl phenyl ether	19.92	248	448370	37.92 ug/L	96
60) Hexachlorobenzene	20.04	284	489397	39.10 ug/L	92
61) Pentachlorophenol	20.58	266	174014	21.79 ug/L	92
62) Anthracene	21.24	178	2819460	38.96 ug/L	99
63) Phenanthrene	21.10	178	2839945	39.71 ug/L	99
64) Di-n-butylphthalate	22.65	149	4526909	42.85 ug/L	99
65) Fluoranthene	24.18	202	2778142	40.42 ug/L	100
67) Pyrene	24.75	202	2866910	41.69 ug/L	97
69) Butylbenzylphthalate	26.49	149	2002629	44.01 ug/L	98
71) bis(2-Ethylhexyl)phthalate	27.95	149	2916830	47.05 ug/L	99
72) Benzo(a)anthracene	27.86	228	2492111	40.92 ug/L	99
73) Chrysene	27.95	228	2392462	42.26 ug/L	96
75) Di-n-octylphthalate	27.95	149	2916830	51.16 ug/L	98
76) Benzo(b)fluoranthrene	30.44	252	2191451	41.62 ug/L	99
77) Benzo(k)fluoranthrene	30.51	252	1988827	42.70 ug/L	98
78) Benzo(a)pyrene	31.17	252	1825360	41.52 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120404.D Vial: 8
Acq On : 4 Dec 2002 3:44 pm Operator: dp
Sample : LCS 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:07 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

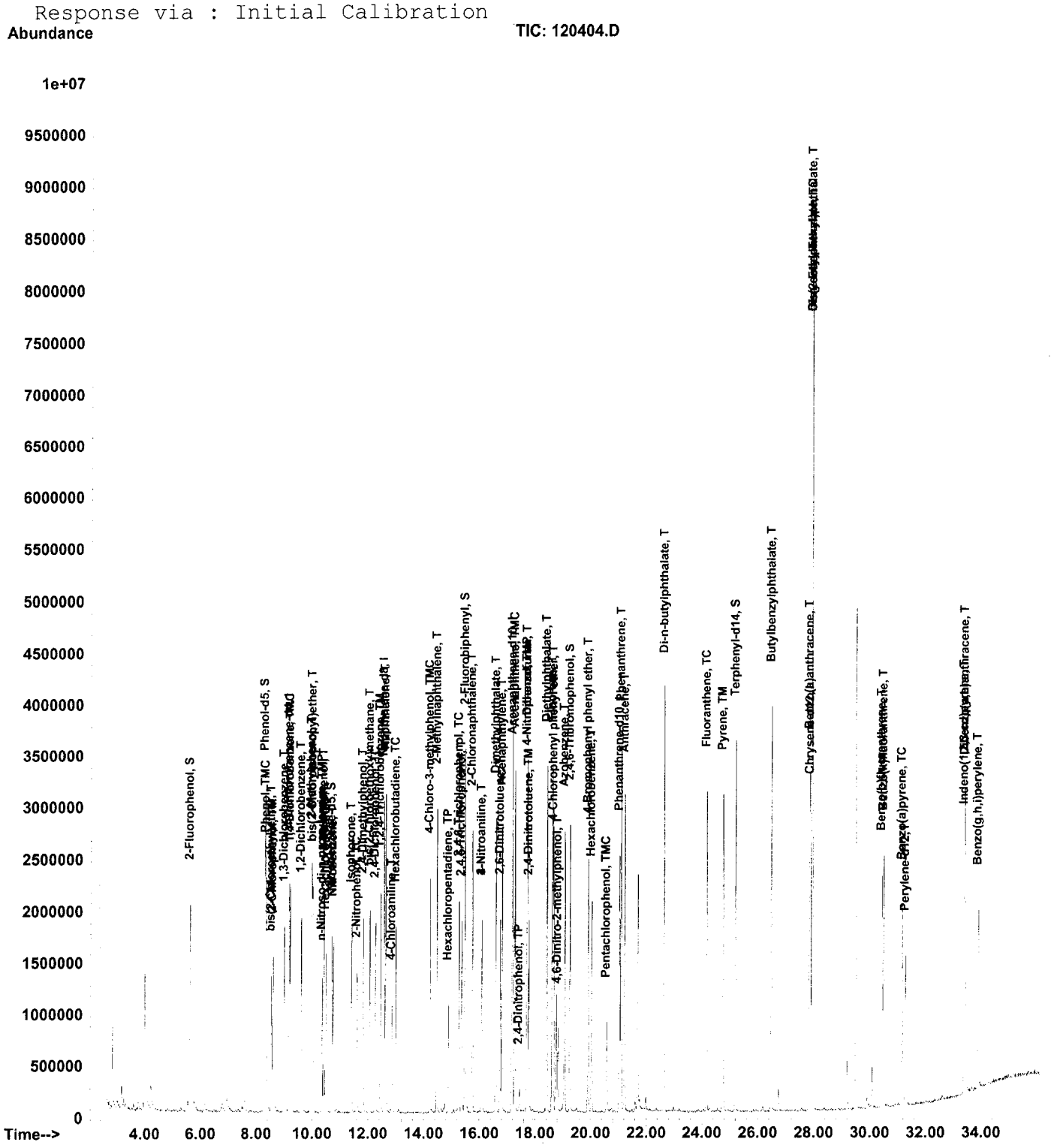
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79)	Indeno(1,2,3-cd)pyrene	33.40	276	1946578	39.62 ug/L	97
80)	Dibenzo(a,h)anthracene	33.43	278	1650396	42.70 ug/L	97
81)	Benzo(g,h,i)perylene	33.90	276	1598985	39.07 ug/L	97

(#) = qualifier out of range (m) = manual integration
120404.D 120202.M Thu Dec 05 09:07:10 2002 000181

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120404.D Vial: 8
Acq On : 4 Dec 2002 3:44 pm Operator: dp
Sample : LCS 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:07 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120405.D Vial: 9
Acq On : 4 Dec 2002 4:28 pm Operator: dp
Sample : 102763-752 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

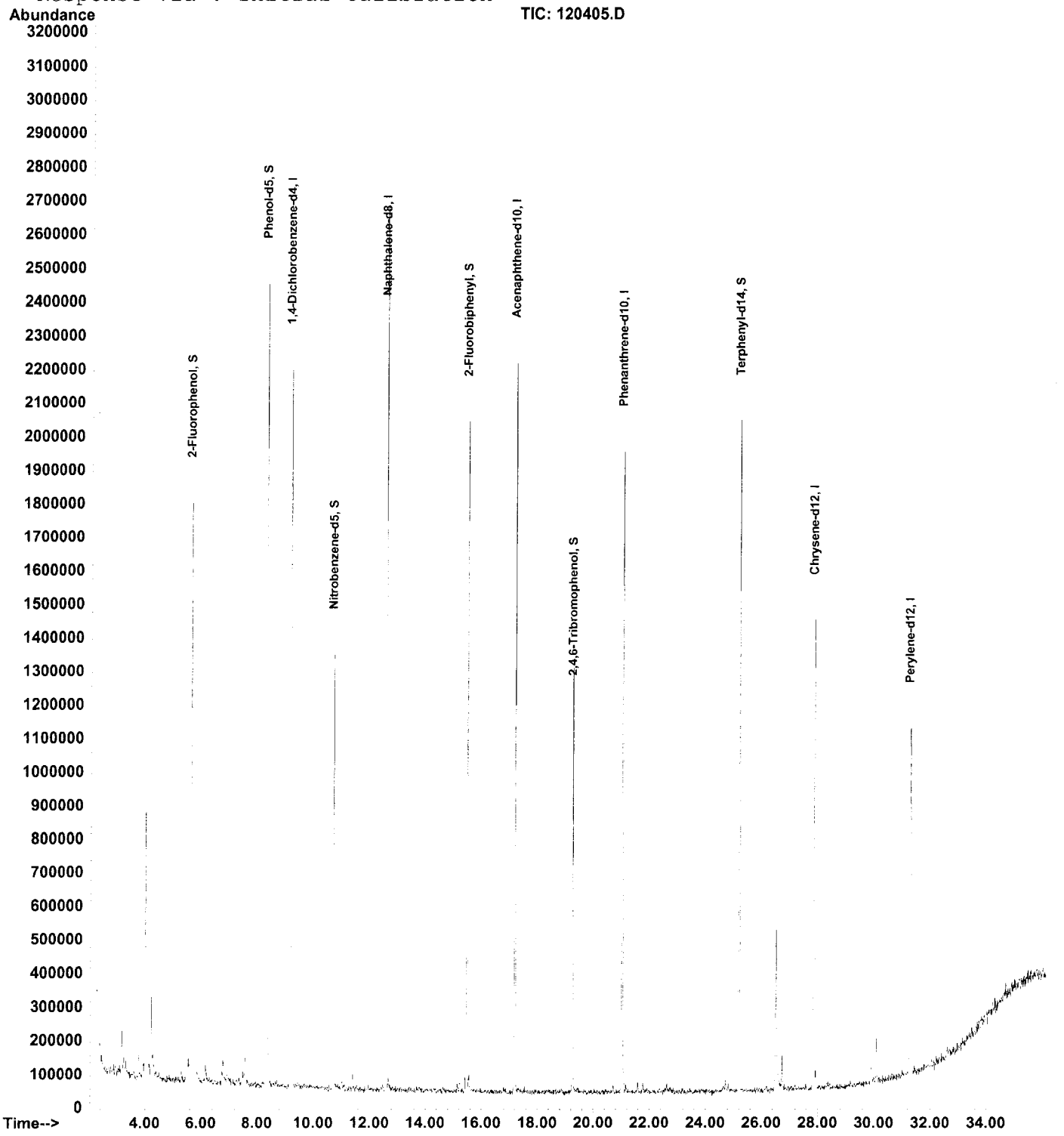
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1272396	40.00	ug/L	0.00
19) Naphthalene-d8	12.57	136	2555672	40.00	ug/L	0.00
34) Acenaphthene-d10	17.19	164	1083498	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1409988	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1053093	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	732007	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1663908	56.37	ug/L	0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 56.37%			
4) Phenol-d5	8.31	99	2084329	55.64	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 55.64%			
20) Nitrobenzene-d5	10.70	82	859350	27.14	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 54.28%			
38) 2-Fluorobiphenyl	15.48	172	1190439	31.37	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 62.74%			
54) 2,4,6-Tribromophenol	19.26	330	210205	49.84	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 49.84%			
68) Terphenyl-d14	25.20	244	1341296	43.72	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 87.44%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration
120405.D 120202.M Thu Dec 05 09:12:46 2002 000183

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120405.D Vial: 9
Acq On : 4 Dec 2002 4:28 pm Operator: dp
Sample : 102763-752 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120405.D Vial: 9
Acq On : 4 Dec 2002 4:28 pm Operator: dp
Sample : 102763-752 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1272396	40.00	ug/L	0.00
19) Naphthalene-d8	12.57	136	2555672	40.00	ug/L	0.00
34) Acenaphthene-d10	17.19	164	1083498	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1409988	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1053093	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	732007	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1663908	56.37	ug/L	0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 56.37%			
4) Phenol-d5	8.31	99	2084329	55.64	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 55.64%			
20) Nitrobenzene-d5	10.70	82	859350	27.14	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 54.28%			
38) 2-Fluorobiphenyl	15.48	172	1190439	31.37	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 62.74%			
54) 2,4,6-Tribromophenol	19.26	330	210205	49.84	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 49.84%			
68) Terphenyl-d14	25.20	244	1341296	43.72	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 87.44%			

Target Compounds Qvalue

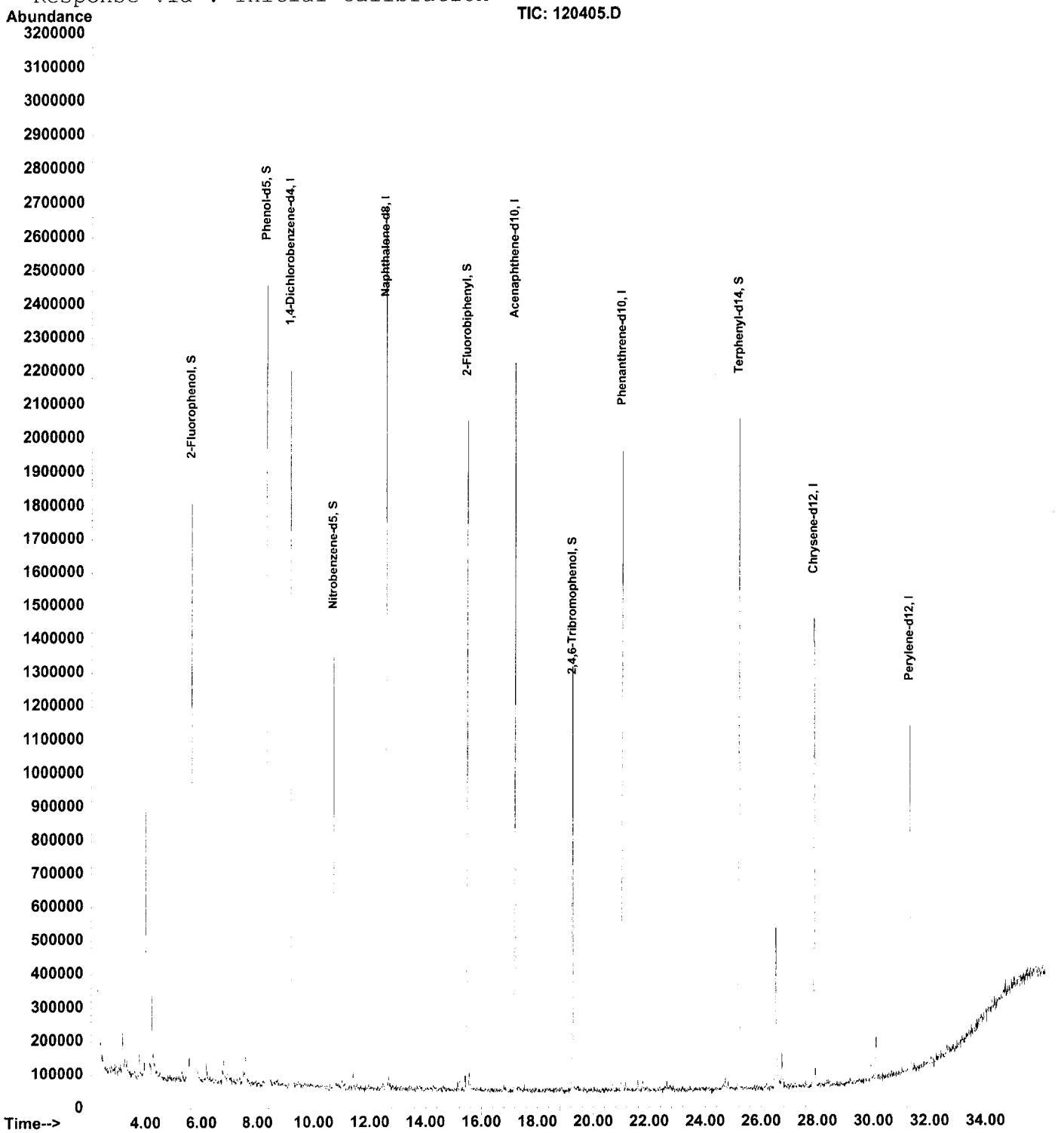
(#) = qualifier out of range (m) = manual integration

000185

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120405.D Vial: 9
Acq On : 4 Dec 2002 4:28 pm Operator: dp
Sample : 102763-752 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000186

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120406.D Vial: 10
Acq On : 4 Dec 2002 5:11 pm Operator: dp
Sample : 102763-752, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1437418	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2973573	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1541100	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	2087829	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1645513	40.00	ug/L	0.00
74) Perylene-d12	31.29	264	1077090	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1627081	48.79	ug/L	0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 48.79%			
4) Phenol-d5	8.31	99	2214647	52.33	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 52.33%			
20) Nitrobenzene-d5	10.71	82	974483	26.45	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 52.90%			
38) 2-Fluorobiphenyl	15.48	172	1609183	29.81	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 59.62%			
54) 2,4,6-Tribromophenol	19.27	330	485712	80.96	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 80.96%			
68) Terphenyl-d14	25.20	244	2374065	49.52	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 99.04%			
Target Compounds						Qvalue
5) Phenol	8.35	94	1094111	22.62	ug/L	96
7) bis(2-Chloroethyl)ether	8.55	93	881306	24.49	ug/L	97
8) 2-Chlorophenol	8.60	128	810152	23.77	ug/L	92
9) 1,3-Dichlorobenzene	9.00	146	861443	22.99	ug/L	96
10) 1,4-Dichlorobenzene	9.21	146	894730	22.76	ug/L	96
12) 1,2-Dichlorobenzene	9.62	146	851246	23.56	ug/L	97
13) 2-Methylphenol	9.99	108	711266	25.56	ug/L	96
14) bis(2-Chloroisopropyl)ethe	10.01	45	1537170	23.12	ug/L #	86
15) 4-Methylphenol	10.42	107	954309	25.36	ug/L	98
16) 3-Methylphenol	10.42	107	954309	25.36	ug/L	98
17) n-Nitroso-di-n-propylamine	10.36	70	401496	20.96	ug/L	95
18) Hexachloroethane	10.50	117	389691	22.68	ug/L	97
21) Nitrobenzene	10.76	123	433602	23.26	ug/L	98
22) Isophorone	11.41	82	1364812	20.17	ug/L	98
23) 2-Nitrophenol	11.62	139	449066	23.17	ug/L	97
24) 2,4-Dimethylphenol	11.83	122	484758	21.11	ug/L	96
25) bis(2-Chloroethoxy)methane	12.07	93	918491	22.49	ug/L	100
27) 2,4-Dichlorophenol	12.27	162	627043	24.31	ug/L	97
28) 1,2,4-Trichlorobenzene	12.46	180	605998	23.22	ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120406.D Vial: 10
Acq On : 4 Dec 2002 5:11 pm Operator: dp
Sample : 102763-752, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
29)	Naphthalene	12.64	128	2275031	24.74 ug/L		99
30)	4-Chloroaniline	12.87	127	640196	17.22 ug/L		99
31)	Hexachlorobutadiene	13.00	225	321981	24.33 ug/L		97
32)	4-Chloro-3-methylphenol	14.23	107	843682	30.84 ug/L		96
33)	2-Methylnaphthalene	14.48	142	1390480	23.18 ug/L		94
35)	Hexachloropentadiene	14.91	237	193393	17.04 ug/L		94
36)	2,4,6-Trichlorophenol	15.28	196	426044	28.34 ug/L		99
37)	2,4,5-Trichlorophenol	15.37	196	465185	29.88 ug/L		95
39)	2-Chloronaphthalene	15.75	162	1375785	26.85 ug/L		99
40)	2-Nitroaniline	16.09	138	681420	31.81 ug/L		93
41)	Dimethylphthalate	16.60	163	2222296	37.31 ug/L		99
42)	2,6-Dinitrotoluene	16.76	165	488999	35.55 ug/L		97
43)	Acenaphthylene	16.83	152	2165168	24.92 ug/L		97
44)	3-Nitroaniline	16.09	138	681420	31.81 ug/L		93
45)	Acenaphthene	17.28	154	1431093	28.57 ug/L		98
46)	2,4-Dinitrophenol	17.46	184	169229	24.31 ug/L	#	78
47)	4-Nitrophenol	17.72	109	394344	47.05 ug/L	#	68
48)	2,4-Dinitrotoluene	17.78	165	735788	41.72 ug/L		87
49)	Dibenzofuran	17.73	168	2190059	30.33 ug/L		77
50)	Diethylphthalate	18.44	149	2685009	42.63 ug/L		98
51)	4-Chlorophenyl phenyl ethe	18.66	204	770329	32.73 ug/L		98
52)	Fluorene	18.62	166	1966958	33.64 ug/L		97
53)	4-Nitroaniline	16.09	138	681420	31.81 ug/L		94
56)	4,6-Dinitro-2-methylphenol	18.83	198	407582	41.88 ug/L		90
58)	Azobenzene	19.07	77	2628644	36.20 ug/L		96
59)	4-Bromophenyl phenyl ether	19.92	248	451334	36.17 ug/L		97
60)	Hexachlorobenzene	20.04	284	481384	36.44 ug/L		89
61)	Pentachlorophenol	20.59	266	304949	36.18 ug/L		93
62)	Anthracene	21.24	178	2972044	38.91 ug/L		98
63)	Phenanthrene	21.10	178	2969146	39.34 ug/L		100
64)	Di-n-butylphthalate	22.63	149	4867735	43.66 ug/L		99
65)	Fluoranthene	24.18	202	2940531	40.53 ug/L		99
67)	Pyrene	24.75	202	3011810	41.15 ug/L		97
69)	Butylbenzylphthalate	26.49	149	2173160	44.88 ug/L		99
71)	bis(2-Ethylhexyl)phthalate	27.95	149	3069417	46.53 ug/L		99
72)	Benzo(a)anthracene	27.85	228	2486814	38.37 ug/L		99
73)	Chrysene	27.95	228	2465827	40.93 ug/L		96
75)	Di-n-octylphthalate	27.95	149	3069417	48.27 ug/L		98
76)	Benzo(b)fluoranthrene	30.45	252	2250069	38.31 ug/L		97
77)	Benzo(k)fluoranthrene	30.50	252	2247143	43.25 ug/L		98
78)	Benzo(a)pyrene	31.17	252	2040611	41.61 ug/L		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120406.D Vial: 10
Acq On : 4 Dec 2002 5:11 pm Operator: dp
Sample : 102763-752, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

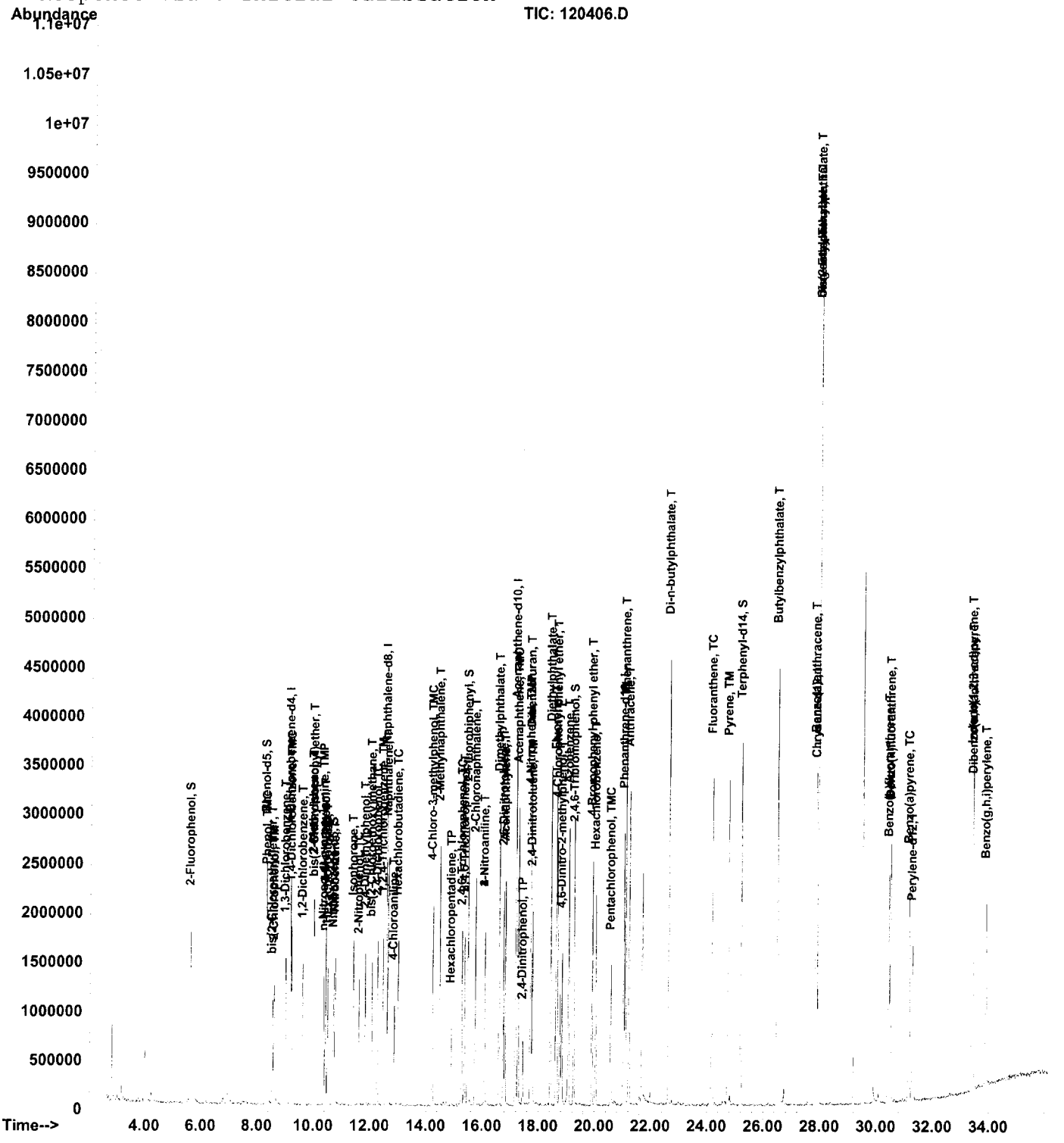
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79)	Indeno(1,2,3-cd)pyrene	33.41	276	2158621	39.39	ug/L	95
80)	Dibenzo(a,h)anthracene	33.44	278	1820250	42.21	ug/L	98
81)	Benzo(g,h,i)perylene	33.91	276	1798983	39.41	ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120406.D Vial: 10
Acq On : 4 Dec 2002 5:11 pm Operator: dp
Sample : 102763-752, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000190

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120407.D Vial: 11
Acq On : 4 Dec 2002 5:54 pm Operator: dp
Sample : 102763-752, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1298637	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2582608	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1223857	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1646547	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1263555	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	844923	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1673594	55.55	ug/L	0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 55.55%			
4) Phenol-d5	8.31	99	2180827	57.04	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 57.04%			
20) Nitrobenzene-d5	10.71	82	931032	29.10	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 58.20%			
38) 2-Fluorobiphenyl	15.48	172	1452134	33.88	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 67.76%			
54) 2,4,6-Tribromophenol	19.27	330	399522	83.86	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 83.86%			
68) Terphenyl-d14	25.21	244	1976392	53.69	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 107.38%			
Target Compounds						Qvalue
5) Phenol	8.35	94	1107204	25.33	ug/L	94
7) bis(2-Chloroethyl)ether	8.55	93	847053	26.06	ug/L	98
8) 2-Chlorophenol	8.61	128	782954	25.43	ug/L	92
9) 1,3-Dichlorobenzene	9.00	146	852774	25.19	ug/L	98
10) 1,4-Dichlorobenzene	9.21	146	894972	25.20	ug/L	96
12) 1,2-Dichlorobenzene	9.62	146	823551	25.23	ug/L	95
13) 2-Methylphenol	9.99	108	696343	27.70	ug/L	94
14) bis(2-Chloroisopropyl)ethe	10.02	45	1480689	24.65	ug/L #	86
15) 4-Methylphenol	10.42	107	895278	26.33	ug/L	97
16) 3-Methylphenol	10.42	107	895278	26.33	ug/L	97
17) n-Nitroso-di-n-propylamine	10.36	70	350657	20.26	ug/L	94
18) Hexachloroethane	10.50	117	408365	26.30	ug/L	94
21) Nitrobenzene	10.76	123	421337	26.03	ug/L	95
22) Isophorone	11.41	82	1243701	21.16	ug/L	97
23) 2-Nitrophenol	11.62	139	421928	25.06	ug/L	98
24) 2,4-Dimethylphenol	11.83	122	495149	24.83	ug/L	94
25) bis(2-Chloroethoxy)methane	12.07	93	860251	24.25	ug/L	100
27) 2,4-Dichlorophenol	12.27	162	579326	25.86	ug/L	92
28) 1,2,4-Trichlorobenzene	12.46	180	551976	24.35	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120407.D Vial: 11
Acq On : 4 Dec 2002 5:54 pm Operator: dp
Sample : 102763-752, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
29) Naphthalene	12.64	128	2117304	26.51 ug/L		100
30) 4-Chloroaniline	12.87	127	563693	17.46 ug/L		98
31) Hexachlorobutadiene	13.00	225	296595	25.80 ug/L		98
32) 4-Chloro-3-methylphenol	14.23	107	704007	29.63 ug/L		94
33) 2-Methylnaphthalene	14.48	142	1290285	24.76 ug/L		98
35) Hexachloropentadiene	14.91	237	190166	21.10 ug/L		86
36) 2,4,6-Trichlorophenol	15.28	196	377815	31.65 ug/L		94
37) 2,4,5-Trichlorophenol	15.37	196	418573	33.85 ug/L		99
39) 2-Chloronaphthalene	15.76	162	1248237	30.67 ug/L		99
40) 2-Nitroaniline	16.10	138	564455	33.18 ug/L		95
41) Dimethylphthalate	16.60	163	1874959	39.63 ug/L		99
42) 2,6-Dinitrotoluene	16.76	165	401070	36.72 ug/L		96
43) Acenaphthylene	16.82	152	1879184	27.24 ug/L		97
44) 3-Nitroaniline	16.10	138	564455	33.18 ug/L		95
45) Acenaphthene	17.28	154	1202711	30.23 ug/L		96
46) 2,4-Dinitrophenol	17.46	184	141832	25.65 ug/L	#	77
47) 4-Nitrophenol	17.71	109	305464	45.90 ug/L		79
48) 2,4-Dinitrotoluene	17.79	165	595005	42.48 ug/L		84
49) Dibenzofuran	17.73	168	1826760	31.86 ug/L		76
50) Diethylphthalate	18.43	149	2198788	43.96 ug/L		98
51) 4-Chlorophenyl phenyl ethe	18.66	204	646133	34.56 ug/L		96
52) Fluorene	18.62	166	1637450	35.26 ug/L		99
53) 4-Nitroaniline	16.10	138	564455	33.18 ug/L		99
56) 4,6-Dinitro-2-methylphenol	18.83	198	323033	42.09 ug/L		91
58) Azobenzene	19.07	77	2170794	37.91 ug/L		98
59) 4-Bromophenyl phenyl ether	19.92	248	375890	38.20 ug/L		96
60) Hexachlorobenzene	20.04	284	406787	39.04 ug/L		92
61) Pentachlorophenol	20.59	266	250317	37.66 ug/L		89
62) Anthracene	21.24	178	2463278	40.90 ug/L		98
63) Phenanthrene	21.10	178	2490249	41.84 ug/L		98
64) Di-n-butylphthalate	22.63	149	4063339	46.21 ug/L		99
65) Fluoranthene	24.18	202	2438535	42.62 ug/L		100
67) Pyrene	24.75	202	2511076	44.68 ug/L		97
69) Butylbenzylphthalate	26.49	149	1785140	48.01 ug/L		96
71) bis(2-Ethylhexyl)phthalate	27.93	149	2539367	50.13 ug/L		99
72) Benzo(a)anthracene	27.84	228	2197989	44.17 ug/L		98
73) Chrysene	27.95	228	2036391	44.02 ug/L		95
75) Di-n-octylphthalate	27.93	149	2539367	50.90 ug/L		98
76) Benzo(b)fluoranthrene	30.44	252	2011081	43.65 ug/L		98
77) Benzo(k)fluoranthrene	30.49	252	1705150	41.84 ug/L		98
78) Benzo(a)pyrene	31.16	252	1630383	42.38 ug/L		97

(#) = qualifier out of range (m) = manual integration

000192

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120407.D Vial: 11
Acq On : 4 Dec 2002 5:54 pm Operator: dp
Sample : 102763-752, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

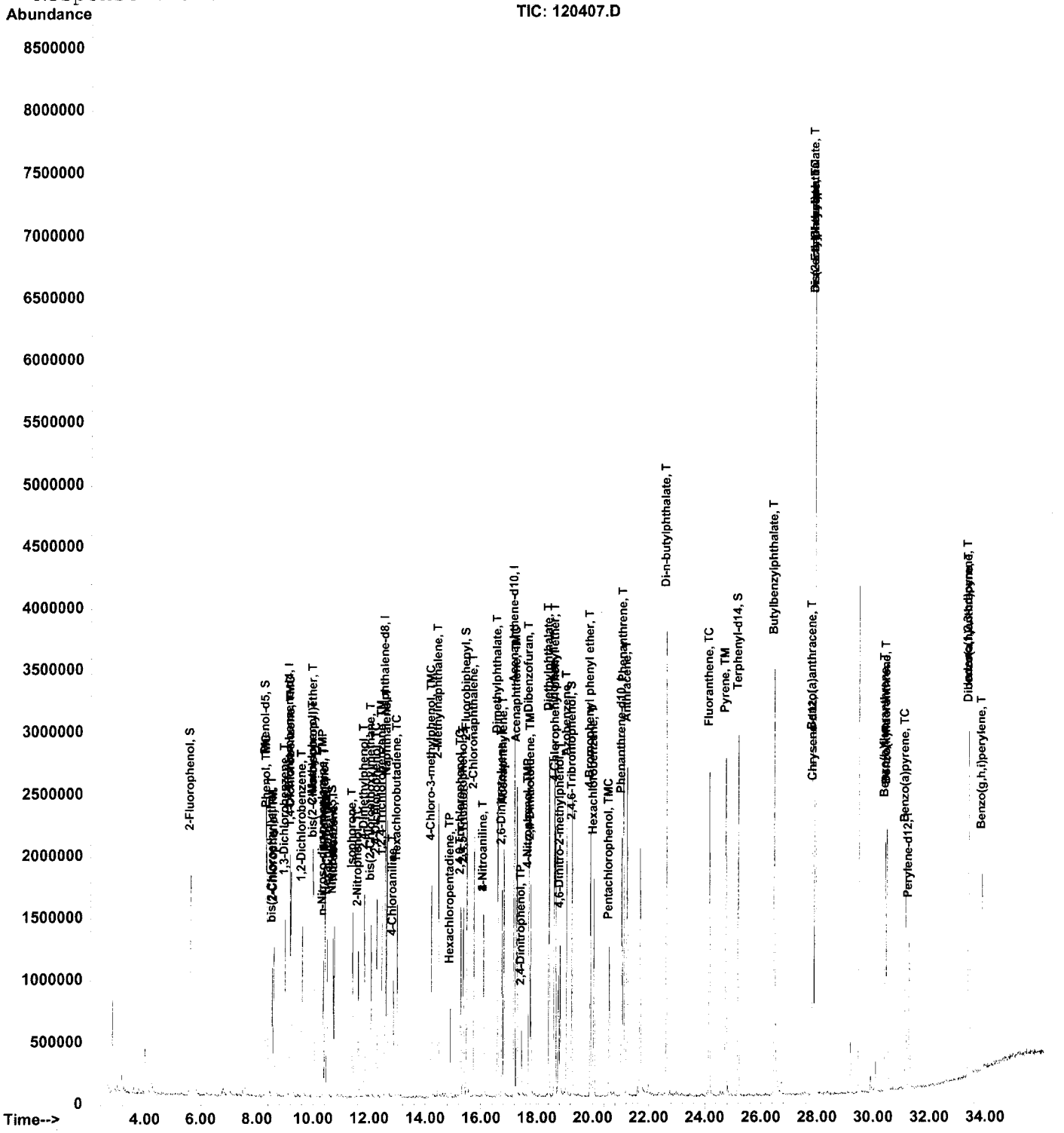
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79)	Indeno(1,2,3-cd)pyrene	33.42	276	1772532	41.23	ug/L	95
80)	Dibenzo(a,h)anthracene	33.43	278	1495159	44.20	ug/L	97
81)	Benzo(g,h,i)perylene	33.90	276	1479275	41.31	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120407.D Vial: 11
Acq On : 4 Dec 2002 5:54 pm Operator: dp
Sample : 102763-752, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:12 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000194

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120408.D Vial: 12
Acq On : 4 Dec 2002 6:37 pm Operator: dp
Sample : 102763-753 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1513917	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	3170901	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1531808	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	2061413	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1486857	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	918824	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1811621	51.58	ug/L	0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 51.58%			
4) Phenol-d5	8.31	99	2285179	51.27	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 51.27%			
20) Nitrobenzene-d5	10.70	82	1029712	26.21	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 52.42%			
38) 2-Fluorobiphenyl	15.48	172	1474655	27.48	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 54.96%			
54) 2,4,6-Tribromophenol	19.26	330	318273	53.38	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 53.38%			
68) Terphenyl-d14	25.21	244	1950721	45.03	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 90.06%			

Target Compounds Qvalue

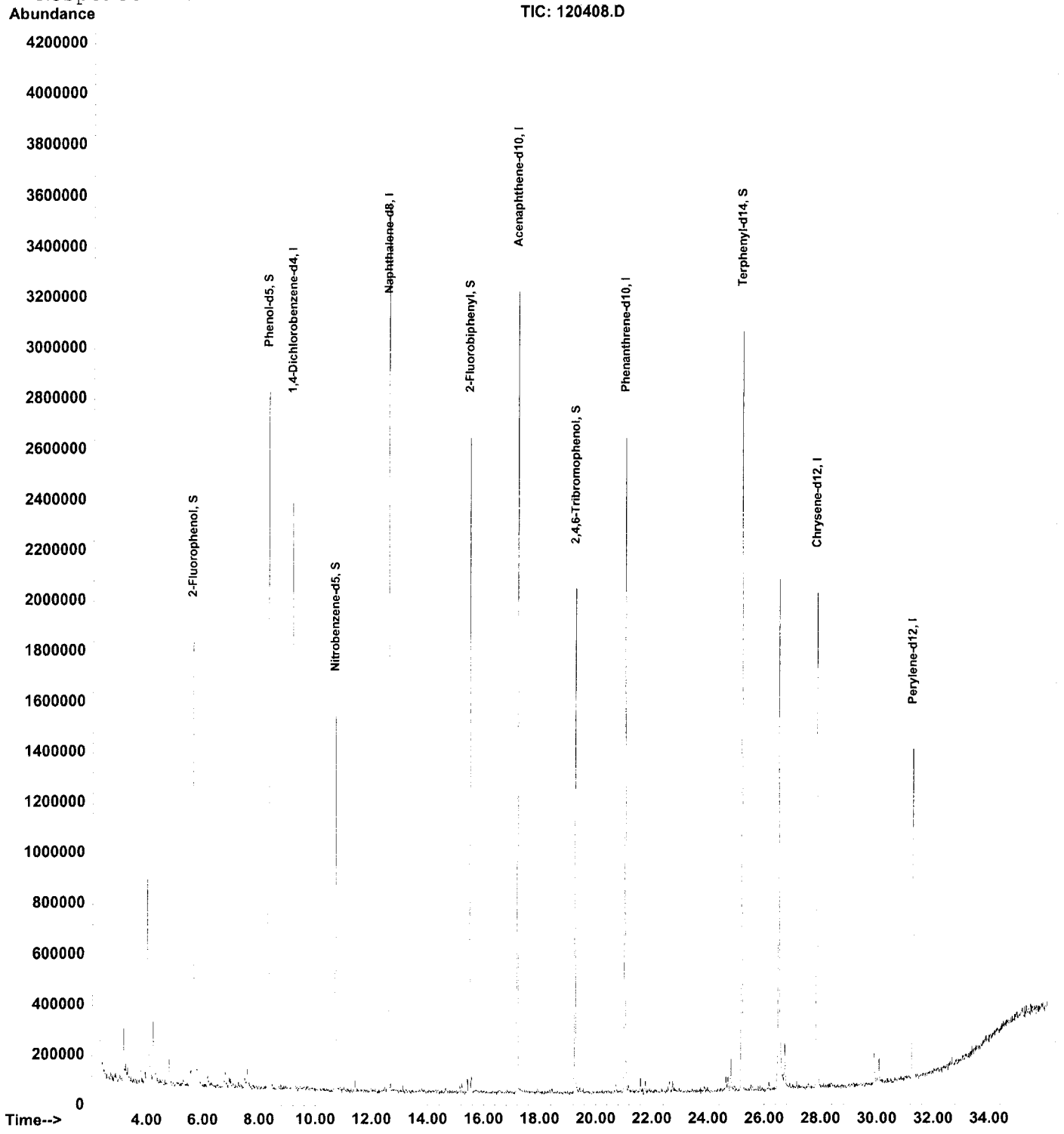
(#) = qualifier out of range (m) = manual integration
120408.D 120202.M Thu Dec 05 09:15:30 2002 Page 1

000195

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120408.D Vial: 12
Acq On : 4 Dec 2002 6:37 pm Operator: dp
Sample : 102763-753 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000196

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120409.D Vial: 13
Acq On : 4 Dec 2002 7:21 pm Operator: dp
Sample : 102763-754 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

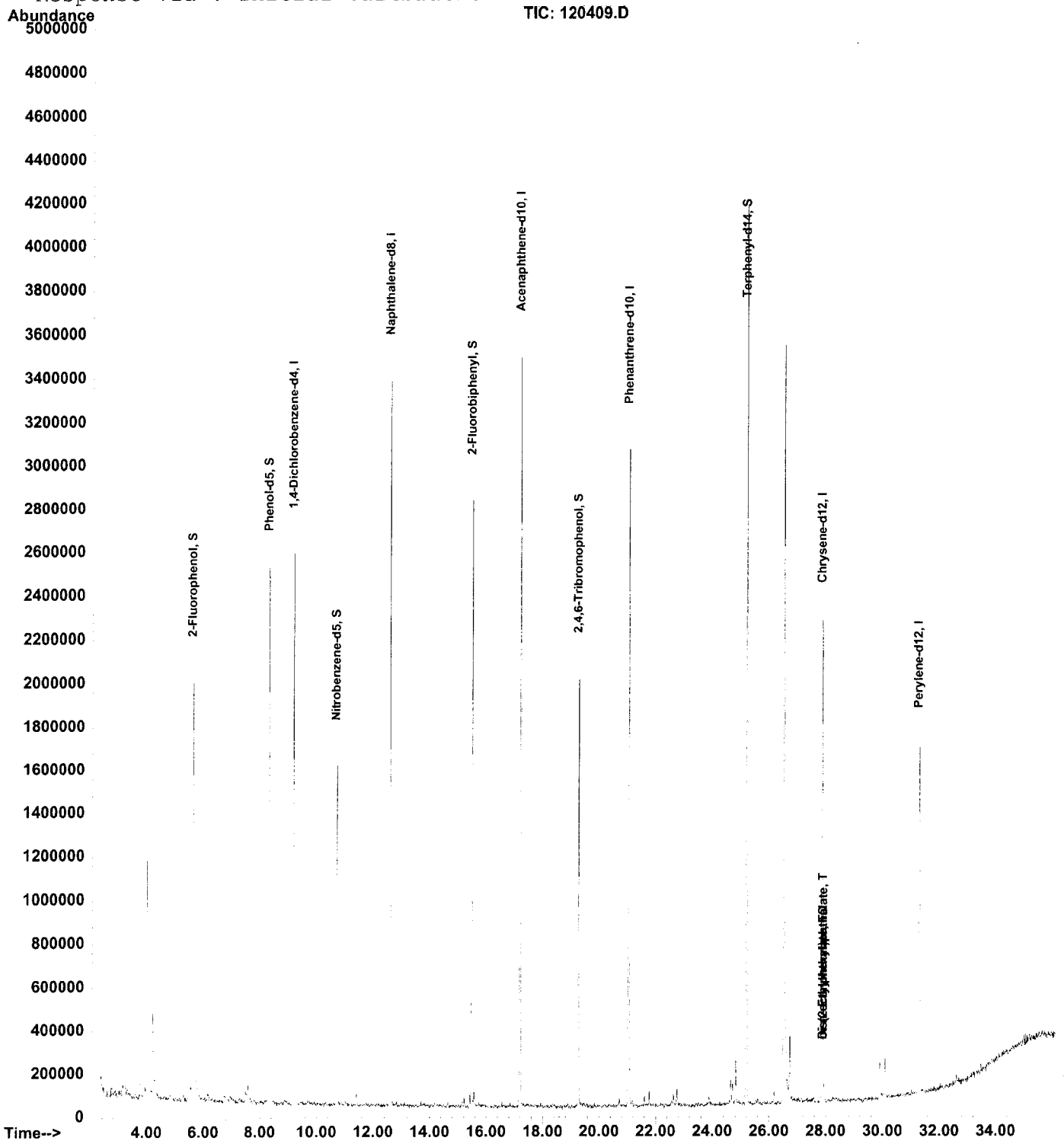
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1490181	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	3377801	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1678155	40.00	ug/L	0.00
55) Phenanthrene-d10	21.05	188	2294540	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1704972	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	1112361	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1628003	47.09	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 47.09%			
4) Phenol-d5	8.31	99	2207975	50.33	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 50.33%			
20) Nitrobenzene-d5	10.70	82	1020363	24.38	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 48.76%			
38) 2-Fluorobiphenyl	15.49	172	1537077	26.15	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 52.30%			
54) 2,4,6-Tribromophenol	19.26	330	304538	46.62	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 46.62%			
68) Terphenyl-d14	25.21	244	2584253	52.03	ug/L	0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 104.06%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.94	149	35311	0.52	ug/L #	86
75) Di-n-octylphthalate	27.94	149	35311	0.54	ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120409.D Vial: 13
Acq On : 4 Dec 2002 7:21 pm Operator: dp
Sample : 102763-754 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000193

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120410.D Vial: 14
Acq On : 4 Dec 2002 8:04 pm Operator: dp
Sample : 102763-755 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

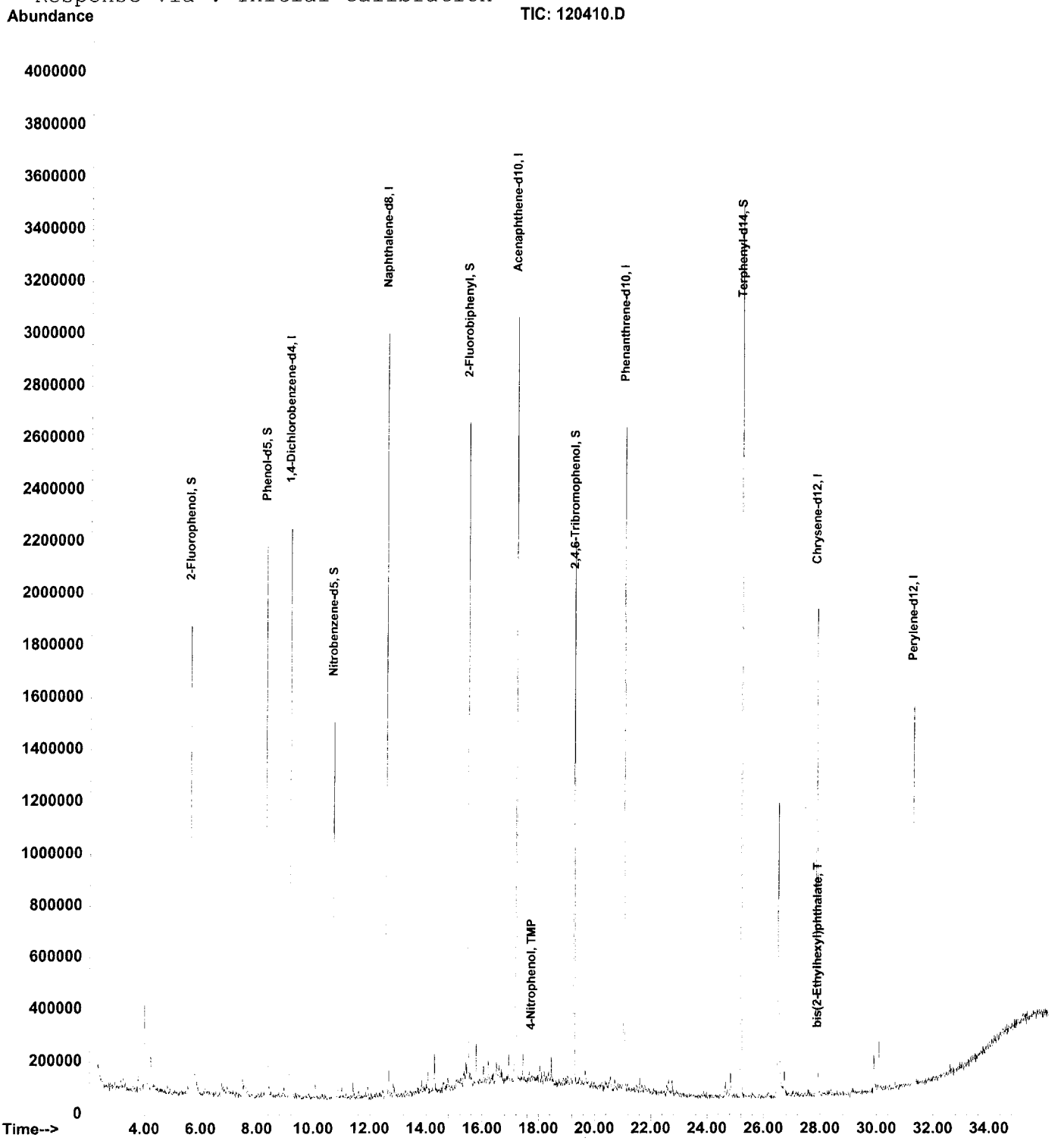
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1317823	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2828455	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1396848	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1913921	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1448300	40.00	ug/L	0.00
74) Perylene-d12	31.30	264	995356	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1723565	56.38	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 56.38%			
4) Phenol-d5	8.31	99	2099751	54.12	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 54.12%			
20) Nitrobenzene-d5	10.70	82	984274	28.09	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 56.18%			
38) 2-Fluorobiphenyl	15.48	172	1458118	29.80	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 59.60%			
54) 2,4,6-Tribromophenol	19.27	330	339056	62.35	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 62.35%			
68) Terphenyl-d14	25.21	244	2073792	49.15	ug/L	0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 98.30%			
Target Compounds						Qvalue
47) 4-Nitrophenol	17.77	109	4192	0.55	ug/L #	1
71) bis(2-Ethylhexyl)phthalate	27.93	149	31105	0.54	ug/L #	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120410.D Vial: 14
Acq On : 4 Dec 2002 8:04 pm Operator: dp
Sample : 102763-755 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120411.D Vial: 15
Acq On : 4 Dec 2002 8:47 pm Operator: dp
Sample : 102763-756 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

10.0
DP

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

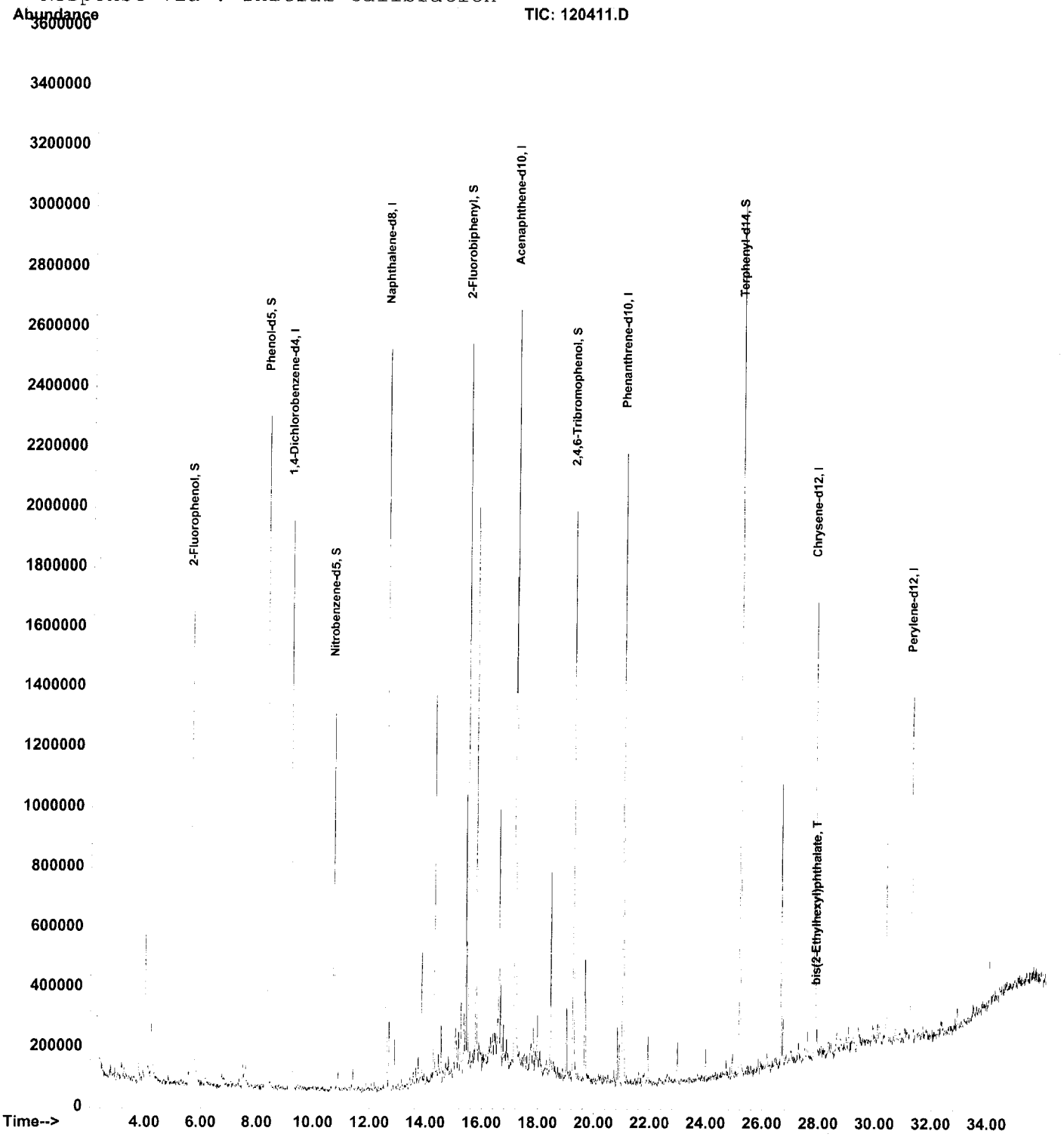
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1131461	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2461581	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1160552	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1609632	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1145030	40.00	ug/L	0.00
74) Perylene-d12	31.30	264	781366	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1552305	59.14	ug/L	0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 59.14%			
4) Phenol-d5	8.31	99	2005873	60.21	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 60.21%			
20) Nitrobenzene-d5	10.70	82	885147	29.02	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 58.04%			
38) 2-Fluorobiphenyl	15.48	172	1305754	32.12	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 64.24%			
54) 2,4,6-Tribromophenol	19.26	330	291486	64.52	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 64.52%			
68) Terphenyl-d14	25.21	244	1802740	54.04	ug/L	0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 108.08%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.95	149	26611	0.58	ug/L #	88

(#) = qualifier out of range (m) = manual integration

000201

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120411.D Vial: 15
Acq On : 4 Dec 2002 8:47 pm Operator: dp
Sample : 102763-756 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000202

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120412.D Vial: 16
Acq On : 4 Dec 2002 9:30 pm Operator: dp
Sample : 102763-757 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

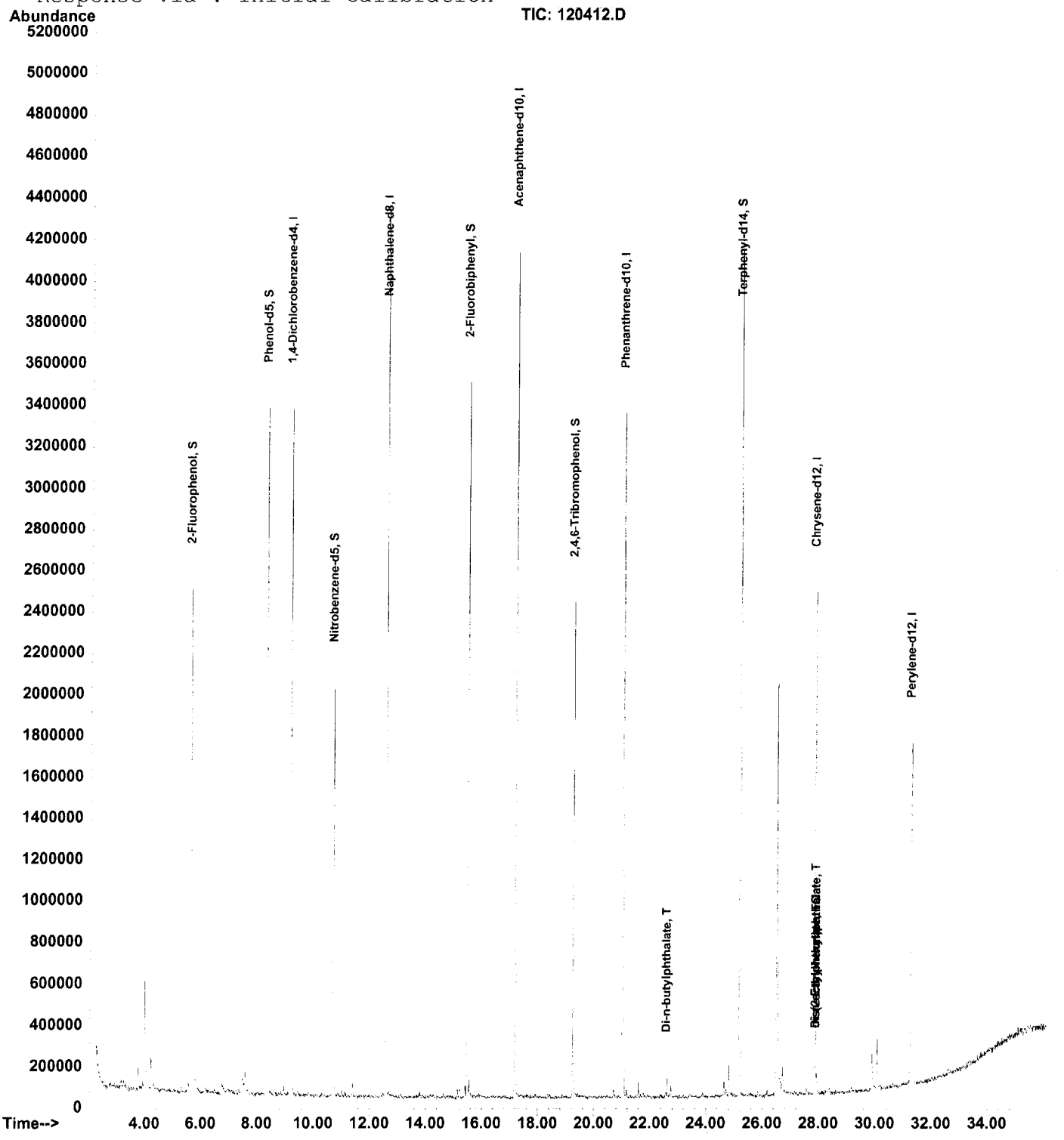
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1900517	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	4113018	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1950006	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	2597743	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1906348	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	1189909	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	2128007	48.26	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 48.26%			
4) Phenol-d5	8.31	99	2843839	50.82	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 50.82%			
20) Nitrobenzene-d5	10.70	82	1304533	25.60	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 51.20%			
38) 2-Fluorobiphenyl	15.48	172	1835491	26.87	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 53.74%			
54) 2,4,6-Tribromophenol	19.26	330	384093	50.60	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 50.60%			
68) Terphenyl-d14	25.21	244	2532969	45.61	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 91.22%			
Target Compounds						Qvalue
64) Di-n-butylphthalate	22.63	149	81334	0.59	ug/L #	93
71) bis(2-Ethylhexyl)phthalate	27.93	149	41359	0.54	ug/L	99
75) Di-n-octylphthalate	27.93	149	41359	0.59	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120412.D Vial: 16
Acq On : 4 Dec 2002 9:30 pm Operator: dp
Sample : 102763-757 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000204

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120413.D Vial: 17
Acq On : 4 Dec 2002 10:13 pm Operator: dp
Sample : 102763-758 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

10.0 pp

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

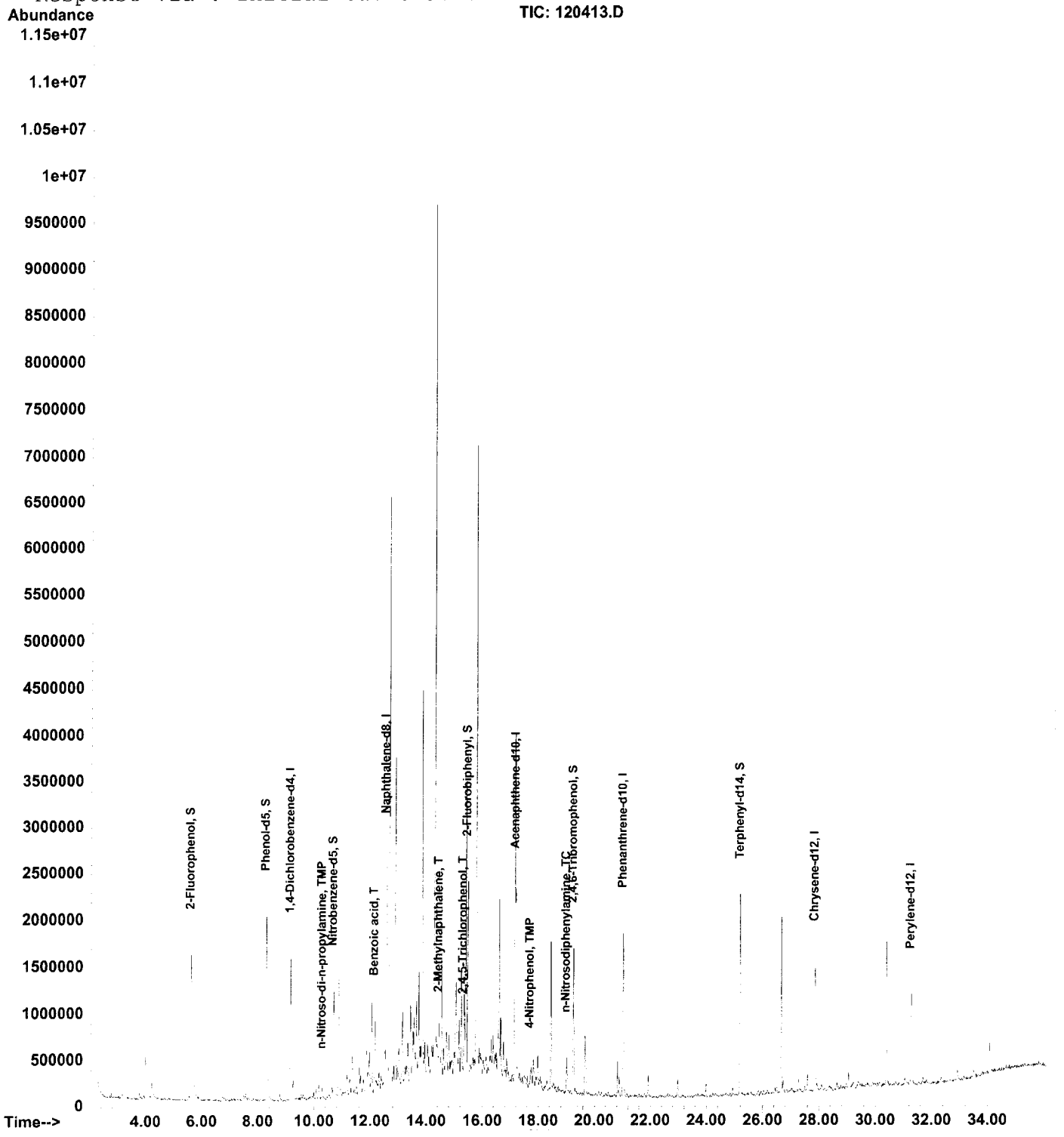
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1048554	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	2073531	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	980571	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1327670	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	987553	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	668098	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1546969	63.59	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 63.59%			
4) Phenol-d5	8.30	99	1926857	62.42	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 62.42%			
20) Nitrobenzene-d5	10.70	82	828031	32.23	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 64.46%			
38) 2-Fluorobiphenyl	15.49	172	1161052	33.80	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 67.60%			
54) 2,4,6-Tribromophenol	19.26	330	251646	65.93	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 65.93%			
68) Terphenyl-d14	25.21	244	1437851	49.98	ug/L	0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 99.96%			
Target Compounds						Qvalue
17) n-Nitroso-di-n-propylamine	10.31	70	9675	0.69	ug/L #	56
26) Benzoic acid	12.17	105	65556	4.65	ug/L #	34
33) 2-Methylnaphthalene	14.47	142	23090	0.55	ug/L #	52
37) 2,4,5-Trichlorophenol	15.34	196	8273	0.84	ug/L #	39
47) 4-Nitrophenol	17.73	109	3195	0.60	ug/L #	74
57) n-Nitrosodiphenylamine	19.01	169	14041	0.58	ug/L #	79

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120413.D Vial: 17
Acq On : 4 Dec 2002 10:13 pm Operator: dp
Sample : 102763-758 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000206

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120414.D Vial: 18
Acq On : 4 Dec 2002 10:57 pm Operator: dp
Sample : 102763-759 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:16 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1311477	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2864091	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1317733	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1804432	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1234963	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	844645	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1673815	55.01	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 55.01%			
4) Phenol-d5	8.30	99	2127870	55.11	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 55.11%			
20) Nitrobenzene-d5	10.70	82	977142	27.53	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 55.06%			
38) 2-Fluorobiphenyl	15.48	172	1368743	29.66	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 59.32%			
54) 2,4,6-Tribromophenol	19.26	330	265909	51.84	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 51.84%			
68) Terphenyl-d14	25.20	244	1722310	47.87	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 95.74%			

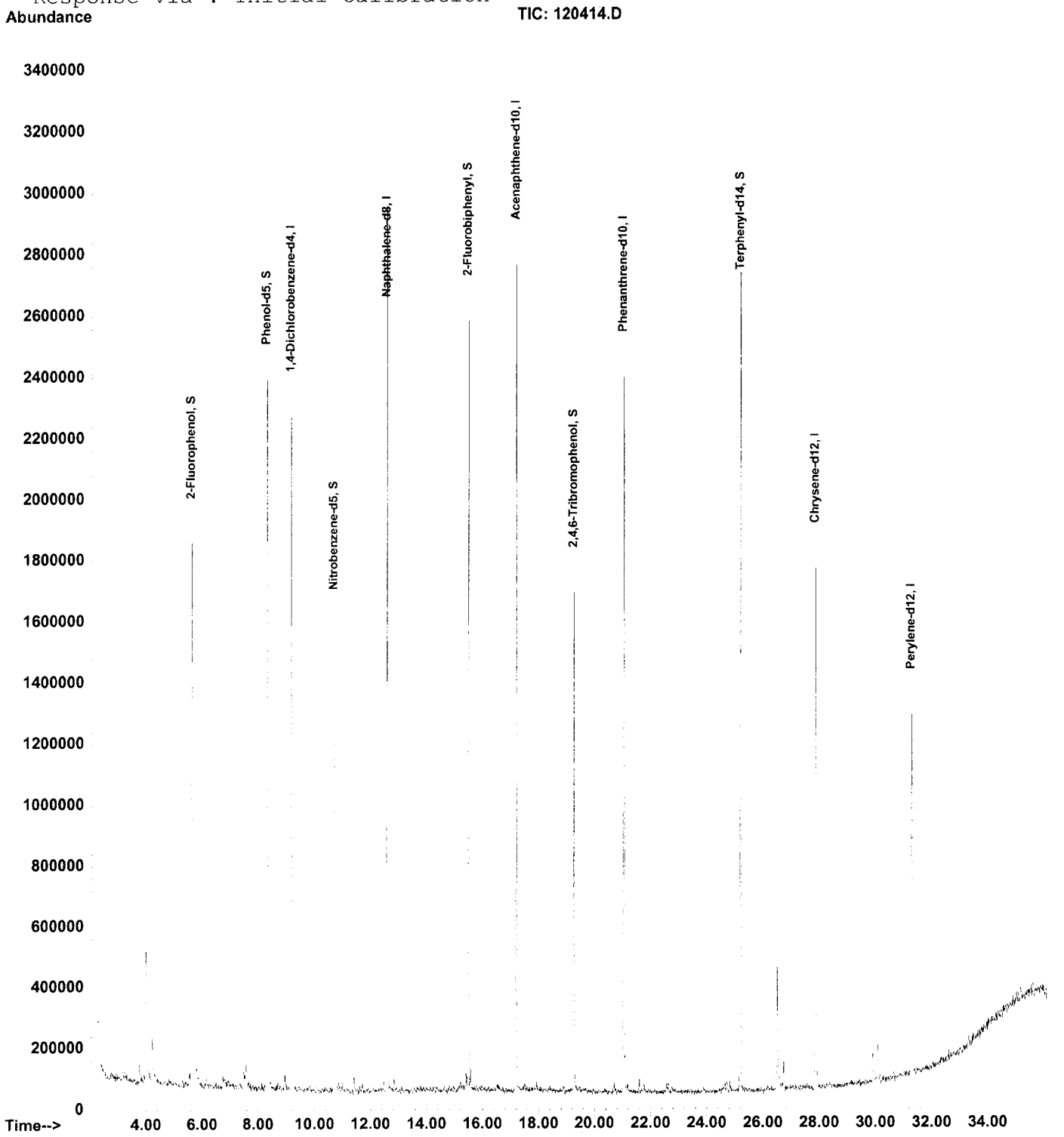
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120414.D Vial: 18
Acq On : 4 Dec 2002 10:57 pm Operator: dp
Sample : 102763-759 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:16 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000208

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 8:47 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1555953	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	3126452	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1580643	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	2022748	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1459214	40.00	ug/L	0.00
74) Perylene-d12	31.29	264	916713	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.61	112	1718231	47.60	ug/L	0.00
Spiked Amount 100.000	Range 21 - 110		Recovery = 47.60%			
4) Phenol-d5	8.31	99	2191768	47.84	ug/L	0.00
Spiked Amount 100.000	Range 10 - 110		Recovery = 47.84%			
20) Nitrobenzene-d5	10.71	82	1966163	50.76	ug/L	0.01
Spiked Amount 50.000	Range 34 - 114		Recovery = 101.52%			
38) 2-Fluorobiphenyl	15.48	172	2721964	49.16	ug/L	0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 98.32%			
54) 2,4,6-Tribromophenol	19.27	330	259331	42.15	ug/L	0.00
Spiked Amount 100.000	Range 10 - 123		Recovery = 42.15%			
68) Terphenyl-d14	25.20	244	2097062	49.33	ug/L	0.01
Spiked Amount 50.000	Range 33 - 141		Recovery = 98.66%			
Target Compounds						Qvalue
2) Pyridine	2.86	79	1645487	50.44	ug/L	100
5) Phenol	8.34	94	2476477	47.29	ug/L #	72
6) Aniline	8.32	93	2023747	45.21	ug/L #	35
7) bis(2-Chloroethyl)ether	8.55	93	1849093	47.48	ug/L	98
8) 2-Chlorophenol	8.60	128	1694155	45.92	ug/L	93
9) 1,3-Dichlorobenzene	9.00	146	1907658	47.03	ug/L	98
10) 1,4-Dichlorobenzene	9.21	146	1970385	46.30	ug/L	97
11) Benzyl alcohol	9.63	108	1135644	37.70	ug/L	98
12) 1,2-Dichlorobenzene	9.62	146	1833787	46.88	ug/L	97
13) 2-Methylphenol	9.98	108	1369745	45.47	ug/L #	93
14) bis(2-Chloroisopropyl)ethe	10.01	45	3381526	46.99	ug/L #	89
15) 4-Methylphenol	10.42	107	1884882	46.27	ug/L	99
16) 3-Methylphenol	10.42	107	1884882	46.27	ug/L	99
17) n-Nitroso-di-n-propylamine	10.36	70	752620	36.30	ug/L	95
18) Hexachloroethane	10.50	117	909122	48.87	ug/L	96
21) Nitrobenzene	10.77	123	949955	48.47	ug/L	99
22) Isophorone	11.41	82	3568520	50.16	ug/L	97
23) 2-Nitrophenol	11.61	139	976405	47.91	ug/L	97
24) 2,4-Dimethylphenol	11.83	122	1105514	45.79	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 8:47 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) bis(2-Chloroethoxy)methane	12.08	93	2238398	52.12 ug/L	98
26) Benzoic acid	12.21	105	1043523	49.04 ug/L	98
27) 2,4-Dichlorophenol	12.27	162	1253930	46.24 ug/L	96
28) 1,2,4-Trichlorobenzene	12.46	180	1280758	46.67 ug/L	99
29) Naphthalene	12.64	128	4523929	46.78 ug/L	98
30) 4-Chloroaniline	12.88	127	1659398	42.46 ug/L	99
31) Hexachlorobutadiene	13.00	225	714354	51.33 ug/L	98
32) 4-Chloro-3-methylphenol	14.22	107	1402882	48.77 ug/L	94
33) 2-Methylnaphthalene	14.48	142	3021882	47.91 ug/L	97
35) Hexachloropentadiene	14.91	237	553185	47.53 ug/L	91
36) 2,4,6-Trichlorophenol	15.27	196	726733	47.14 ug/L	100
37) 2,4,5-Trichlorophenol	15.36	196	751204	47.04 ug/L	97
39) 2-Chloronaphthalene	15.75	162	2461184	46.83 ug/L	97
40) 2-Nitroaniline	16.10	138	983641	44.77 ug/L	91
41) Dimethylphthalate	16.61	163	3015348	49.35 ug/L	99
42) 2,6-Dinitrotoluene	16.76	165	683315	48.43 ug/L	98
43) Acenaphthylene	16.82	152	4090534	45.90 ug/L	98
44) 3-Nitroaniline	16.10	138	983641	44.77 ug/L	91
45) Acenaphthene	17.29	154	2434721	47.39 ug/L	98
46) 2,4-Dinitrophenol	17.45	184	352365	49.35 ug/L #	77
47) 4-Nitrophenol	17.70	109	485196	56.45 ug/L	90
48) 2,4-Dinitrotoluene	17.79	165	856470	47.34 ug/L	81
49) Dibenzofuran	17.74	168	3496623	47.22 ug/L	84
50) Diethylphthalate	18.44	149	3203815	49.60 ug/L	99
51) 4-Chlorophenyl phenyl ethe	18.66	204	1116259	46.23 ug/L	95
52) Fluorene	18.62	166	2773032	46.24 ug/L	99
53) 4-Nitroaniline	16.10	138	983641	44.77 ug/L	93
56) 4,6-Dinitro-2-methylphenol	18.83	198	498932	52.91 ug/L	84
57) n-Nitrosodiphenylamine	18.99	169	1761021	47.43 ug/L	99
58) Azobenzene	19.07	77	3657771	52.00 ug/L	98
59) 4-Bromophenyl phenyl ether	19.91	248	598375	49.49 ug/L	97
60) Hexachlorobenzene	20.04	284	603377	47.14 ug/L	87
61) Pentachlorophenol	20.58	266	386471	47.33 ug/L	89
62) Anthracene	21.23	178	3455162	46.70 ug/L	98
63) Phenanthrene	21.10	178	3395917	46.44 ug/L	100
64) Di-n-butylphthalate	22.64	149	5490004	50.83 ug/L	99
65) Fluoranthene	24.18	202	3125929	44.48 ug/L	100
67) Pyrene	24.75	202	3249232	50.07 ug/L	97
69) Butylbenzylphthalate	26.49	149	2341598	54.53 ug/L	99
70) 3,3'-Dichlorobenzidine	27.84	252	716503	34.62 ug/L	94
71) bis(2-Ethylhexyl)phthalate	27.94	149	3111099	53.19 ug/L	99

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 8:47 19102 Quant Results File: 120202.RES

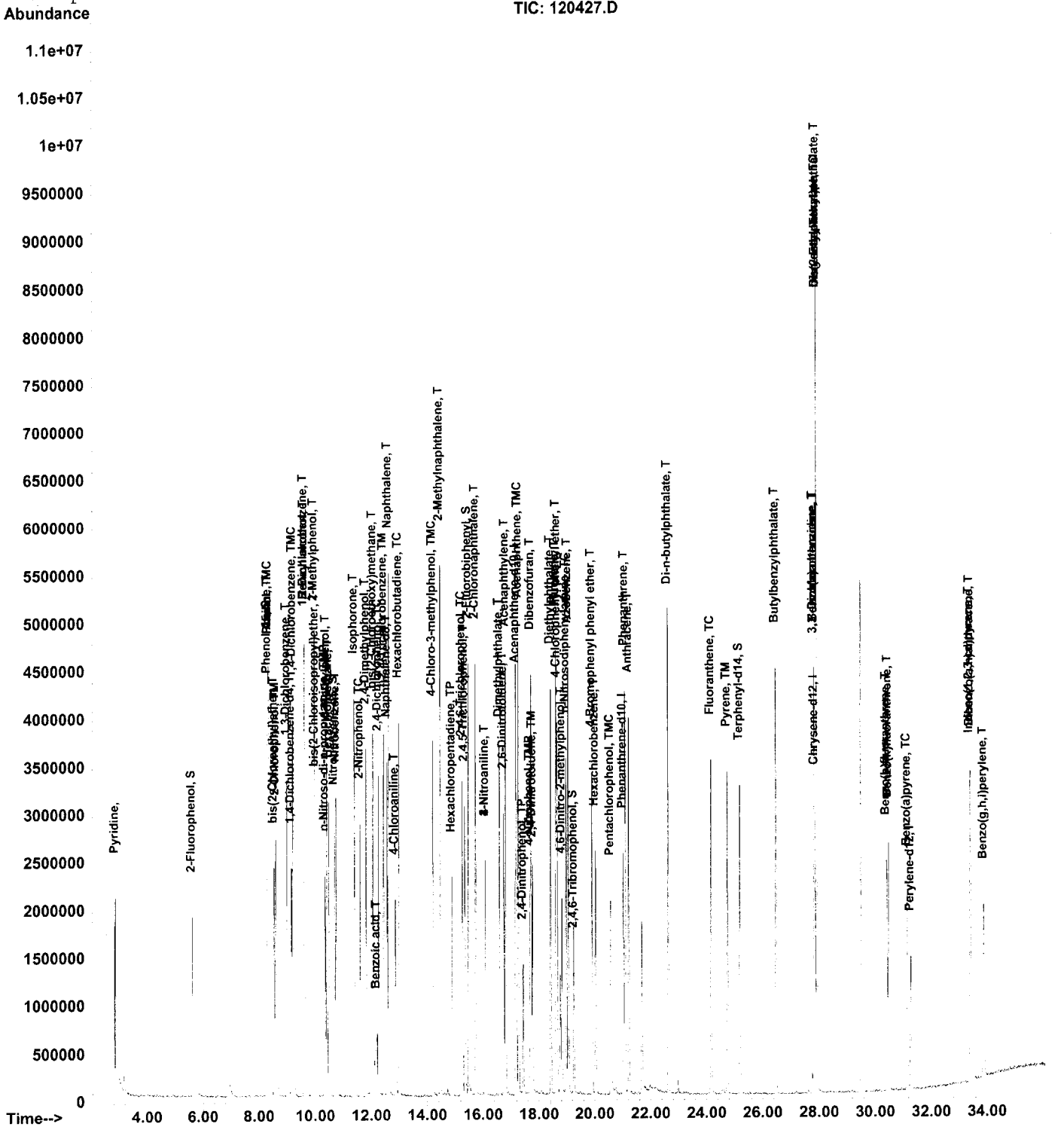
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Benzo(a)anthracene	27.85	228	2701252	47.01 ug/L	98
73) Chrysene	27.94	228	2554013	47.81 ug/L	96
75) Di-n-octylphthalate	27.94	149	3111099	57.48 ug/L	98
76) Benzo(b)fluoranthrene	30.43	252	2335394	46.71 ug/L	98
77) Benzo(k)fluoranthrene	30.50	252	2154000	48.71 ug/L	99
78) Benzo(a)pyrene	31.17	252	1938850	46.45 ug/L	97
79) Indeno(1,2,3-cd)pyrene	33.41	276	2078996	44.57 ug/L	95
80) Dibenzo(a,h)anthracene	33.42	278	1680344	45.79 ug/L	98
81) Benzo(g,h,i)perylene	33.91	276	1720641	44.29 ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 8:47 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000212

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	290#	0.00
2		Pyridine	0.839	0.846	-0.8	287#	0.00
3	S	2-Fluorophenol	0.928	0.883	4.8	307#	0.00
4	S	Phenol-d5	1.178	1.127	4.3	310#	0.00
5	TMC	Phenol	1.346	1.273	5.4#	297#	0.00
6	T	Aniline	1.151	1.041	9.6	282#	0.01
7	T	bis(2-Chloroethyl)ether	1.001	0.951	5.0	296#	0.01
8	TM	2-Chlorophenol	0.948	0.871	8.1	285#	0.00
9	T	1,3-Dichlorobenzene	1.043	0.981	5.9	296#	0.00
10	TMC	1,4-Dichlorobenzene	1.094	1.013	7.4#	295#	0.00
11	T	Benzyl alcohol	0.774	0.584	24.5	237#	0.00
12	T	1,2-Dichlorobenzene	1.006	0.943	6.3	293#	0.01
13	T	2-Methylphenol	0.774	0.704	9.0	286#	0.00
14	T	bis(2-Chloroisopropyl)ether	1.850	1.739	6.0	291#	0.00
15	T	4-Methylphenol	1.047	0.969	7.4	292#	0.00
16	T	3-Methylphenol	1.047	0.969	7.4	292#	0.00
17	TMP	n-Nitroso-di-n-propylamine	0.533	0.387	27.4#	230#	0.00
18	T	Hexachloroethane	0.478	0.467	2.3	297#	0.01
19	I	Naphthalene-d8	1.000	1.000	0.0	282#	0.00
20	S	Nitrobenzene-d5	0.496	0.503	-1.4	307#	0.01
21	T	Nitrobenzene	0.251	0.243	3.2	300#	0.01
22	T	Isophorone	0.910	0.913	-0.3	302#	0.00
23	TC	2-Nitrophenol	0.261	0.250	4.2#	296#	0.00
24	T	2,4-Dimethylphenol	0.309	0.283	8.4	275#	0.00
25	T	bis(2-Chloroethoxy)methane	0.549	0.573	-4.4	296#	0.01
26	T	Benzoic acid	0.272	0.267	1.8	300#	0.01
27	TC	2,4-Dichlorophenol	0.347	0.321	7.5#	278#	0.00
28	TM	1,2,4-Trichlorobenzene	0.351	0.328	6.6	277#	0.00
29	T	Naphthalene	1.237	1.158	6.4	277#	0.00
30	T	4-Chloroaniline	0.500	0.425	15.0	256#	0.00
31	TC	Hexachlorobutadiene	0.178	0.183	-2.8#	313#	0.00
32	TMC	4-Chloro-3-methylphenol	0.368	0.359	2.4#	298#	-0.01
33	T	2-Methylnaphthalene	0.807	0.773	4.2	290#	0.00
34	I	Acenaphthene-d10	1.000	1.000	0.0	273#	0.00
35	TP	Hexachloropentadiene	0.295	0.280	5.1	273#	0.01
36	TC	2,4,6-Trichlorophenol	0.390	0.368	5.6#	289#	-0.01
37	T	2,4,5-Trichlorophenol	0.404	0.380	5.9	281#	-0.01
38	S	2-Fluorobiphenyl	1.401	1.378	1.6	287#	0.00
39	T	2-Chloronaphthalene	1.330	1.246	6.3	276#	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	T	2-Nitroaniline	0.556	0.498	10.4	263#	0.00
41	T	Dimethylphthalate	1.546	1.526	1.3	280#	0.01
42	T	2,6-Dinitrotoluene	0.357	0.346	3.1	288#	0.00
43	T	Acenaphthylene	2.255	2.070	8.2	263#	0.00
44	T	3-Nitroaniline	0.556	0.498	10.4	263#	0.00
45	TMC	Acenaphthene	1.300	1.232	5.2#	273#	0.00
46	TP	2,4-Dinitrophenol	0.181	0.178	1.7	312#	0.00
47	TMP	4-Nitrophenol	0.218	0.246	-12.8	332#	-0.02
48	TM	2,4-Dinitrotoluene	0.458	0.433	5.5	272#	0.00
49	T	Dibenzofuran	1.874	1.770	5.5	270#	0.00
50	T	Diethylphthalate	1.635	1.622	0.8	277#	0.01
51	T	4-Chlorophenyl phenyl ether	0.611	0.565	7.5	271#	0.00
52	T	Fluorene	1.518	1.403	7.6	272#	0.00
53	T	4-Nitroaniline	0.556	0.498	10.4	263#	0.00
54	S	2,4,6-Tribromophenol	0.156	0.131	16.0	241#	0.00
55	I	Phenanthrene-d10	1.000	1.000	0.0	253#	0.00
56	T	4,6-Dinitro-2-methylphenol	0.186	0.197	-5.9	312#	0.00
57	TC	n-Nitrosodiphenylamine	0.734	0.696	5.2#	254#	0.00
58	T	Azobenzene	1.391	1.447	-4.0	275#	0.00
59	T	4-Bromophenyl phenyl ether	0.239	0.237	0.8	267#	0.00
60	T	Hexachlorobenzene	0.253	0.239	5.5	258#	-0.01
61	TMC	Pentachlorophenol	0.161	0.153	5.0#	271#	-0.01
62	T	Anthracene	1.463	1.367	6.6	258#	0.00
63	T	Phenanthrene	1.446	1.343	7.1	248#	0.00
64	T	Di-n-butylphthalate	2.136	2.171	-1.6	272#	0.00
65	TC	Fluoranthene	1.390	1.236	11.1#	242#	0.00
66	I	Chrysene-d12	1.000	1.000	0.0	223#	0.00
67	TM	Pyrene	1.779	1.781	-0.1	245#	0.00
68	S	Terphenyl-d14	1.165	1.150	1.3	241#	0.01
69	T	Butylbenzylphthalate	1.177	1.284	-9.1	268#	0.00
70	T	3,3'-Dichlorobenzidine	0.567	0.393	30.7#	176#	0.00
71	T	bis(2-Ethylhexyl)phthalate	1.603	1.706	-6.4	252#	0.01
72	T	Benzo(a)anthracene	1.575	1.481	6.0	228#	0.01
73	T	Chrysene	1.464	1.400	4.4	235#	0.00
74	I	Perylene-d12	1.000	1.000	0.0	211#	0.00
75	TC	Di-n-octylphthalate	2.362	2.715	-14.9#	252#	0.01
76	T	Benzo(b)fluoranthrene	2.181	2.038	6.6	207#	0.00
77	T	Benzo(k)fluoranthrene	1.929	1.880	2.5	216#	0.00

(#) = Out of Range

000214

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
78	TC	Benzo(a)pyrene	1.821	1.692	7.1#	207#	0.00
79	T	Indeno(1,2,3-cd)pyrene	2.035	1.814	10.9	205#	0.00
80	T	Dibenzo(a,h)anthracene	1.601	1.466	8.4	209#	-0.01
81	T	Benzo(g,h,i)perylene	1.695	1.502	11.4	201#	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 13
120427.D 120202.M Thu Dec 05 08:48:40 2002 Page 3

000215

ASSOCIATED LABORATORIES
8270 PREP SHEET

[redacted]

000216

BATCH ID: 120302 S

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SURR. ADDED	SPIKE ADDED	INITIAL WT / VOL	FINAL VOLUME	DATE EXT.	EXT. BY	COMMENT
BLANK 120302	3550 B	S	1 ml		30 g	1 ml	12/3/02	HC	foster wheeler Environmental Corp.
LCS 120302		S	1 ml	1 ml	30 g	1 ml			
102763 - 394752 MS		S	1 ml	1 ml	30 g	1 ml			
394752 MSD		S	1 ml	1 ml	30 g	1 ml			
394752		S	1 ml		30 g	1 ml			
394753		S	1 ml		30 g	1 ml			
394754		S	1 ml		30 g	1 ml			
394755		S	1 ml		30 g	1 ml			
394756		S	1 ml		10 g	1 ml			u/ smell
394757		S	1 ml		30 g	1 ml			
394758		S	1 ml		10 g	1 ml			u/ smell
394759		S	1 ml		30 g	1 ml			
102766 - 394821		S	1 ml		30 g	1 ml		w/ pest	? (request reflow & filter) HC
394822		S	1 ml		30 g	1 ml			
394823		S	1 ml		30 g	1 ml			
394824		S	1 ml		10 g	1 ml			u/ smell
394825		S	1 ml		30 g	1 ml			
394826		S	1 ml		30 g	1 ml			
394827		S	1 ml		30 g	1 ml			new scan
394828		S	1 ml		30 g	1 ml			
394829		S	1 ml		30 g	1 ml			
102943 - 395775		S	1 ml		10 g	1 ml		smell a little	
			HC						

Solvent Manufacturer and Lot # Mallx Tech # 023421

Florisil Manufacturer & Lot #

Sand Manufacturer & Lot # SPECTRUM PR 1365

Surrogate Lot # W- 2458 / W-2515

Spike Lot # W- 2505

Na2SO4 Manufacturer & Lot # Micro Tech 22325 K

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102763

CHAIN OF CUSTODY RECORD

Date 11-25-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandergrift Rd. 1266
HHFA, NM. 88330

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature)

Samples Intact Yes ✓ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ✓ Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

PROJECT NAME FT-31

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX29	FT-31	11-25-02	0937			X	4		See Attachment
FT31EX30		11-25-02	0949			X	4		
FT31EX30D		11-25-02	1000			X	4		
FT31EX31		11-25-02	1014			X	4		
FT31EX32		11-25-02	1032			X	4		
FT31EX33		11-25-02	1050			X	4		
FT31EX34		11-25-02	1107			X	4		
FT31EX35		11-25-02	1120			X	4		

Relinquished by: (Signature) 11-25-02 1600	Received by: (Signature) Fed-ex	Date/Time
Relinquished by: (Signature) Fed-ex	Received by Laboratory for analysis: (Signature) Ken Hussey	Date/Time 11:00 11-26-02
Special Instructions: fax results to (505) 679-2120 Shipper # 835776726960		

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

2 11-27-02 gina

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102763

REPORTED 12/05/2002
RECEIVED 11/26/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
394752	FT31EX29
394753	FT31EX30
394754	FT31EX30D
394755	FT31EX31
394756	FT31EX32
394757	FT31EX33
394758	FT31EX34
394759	FT31EX35
394760	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing , all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 394752
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX29

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394752
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX29

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394752 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX29
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	124			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394752
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX29

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394752 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX29
Date Sampled: 11/25/2002
Time Sampled: 09:37
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Isophorone	ND	1	333	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02 DP
Naphthalene	ND	1	333	ug/Kg	12/04/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02 DP
Phenol	ND	1	333	ug/Kg	12/04/02 DP
Pyrene	ND	1	333	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	50			%	17 - 122
2-Fluorobiphenyl (sur)	63			%	30 - 115
2-Fluorophenol (sur)	56			%	25 - 121
Nitrobenzene-d5 (sur)	54			%	23 - 120
Phenol-d5 (sur)	56			%	24 - 113
Terphenyl-d14 (sur)	87			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	121			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	109			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394753 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX30
Date Sampled: 11/25/2002
Time Sampled: 09:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Isophorone	ND	1	333	ug/Kg	12/04/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02	DP
Naphthalene	ND	1	333	ug/Kg	12/04/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02	DP
Phenol	ND	1	333	ug/Kg	12/04/02	DP
Pyrene	ND	1	333	ug/Kg	12/04/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	53			%	17 - 122	
2-Fluorobiphenyl (sur)	55			%	30 - 115	
2-Fluorophenol (sur)	52			%	25 - 121	
Nitrobenzene-d5 (sur)	52			%	23 - 120	
Phenol-d5 (sur)	51			%	24 - 113	
Terphenyl-d14 (sur)	90			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/27/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	119			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX30D
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX30D
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX30D
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	122			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX30D
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394754
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX30D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Isophorone	ND	1	333	ug/Kg	12/04/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02	DP
Naphthalene	ND	1	333	ug/Kg	12/04/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02	DP
Phenol	ND	1	333	ug/Kg	12/04/02	DP
Pyrene	ND	1	333	ug/Kg	12/04/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	47			%	17 - 122	
2-Fluorobiphenyl (sur)	52			%	30 - 115	
2-Fluorophenol (sur)	47			%	25 - 121	
Nitrobenzene-d5 (sur)	49			%	23 - 120	
Phenol-d5 (sur)	50			%	24 - 113	
Terphenyl-d14 (sur)	104			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/27/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	122			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX31

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX31
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX31

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	109			%	70 - 130
Dibromofluoromethane (sur)	103			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	107			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX31

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394755 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX31
Date Sampled: 11/25/2002
Time Sampled: 10:14
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Isophorone	ND	1	333	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02 DP
Naphthalene	ND	1	333	ug/Kg	12/04/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02 DP
Phenol	ND	1	333	ug/Kg	12/04/02 DP
Pyrene	ND	1	333	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	62			%	17 - 122
2-Fluorobiphenyl (sur)	60			%	30 - 115
2-Fluorophenol (sur)	56			%	25 - 121
Nitrobenzene-d5 (sur)	56			%	23 - 120
Phenol-d5 (sur)	54			%	24 - 113
Terphenyl-d14 (sur)	98			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	121			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX32

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	63	1	30	mg/Kg	11/30/02	AF
C22 - C32	92	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	100	500.0	ug/Kg	11/27/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	11/27/02	AM
Acetone	ND	100	500.0	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX32

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Acrolein	ND	100	20000.0	ug/Kg	11/27/02 AM
Acrylonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Allyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Benzene	ND	100	500.0	ug/Kg	11/27/02 AM
Benzyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Bromobenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Bromochloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Bromoform	ND	100	500.0	ug/Kg	11/27/02 AM
Bromomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	100	500.0	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	11/27/02 AM
Chlorobenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Chloroethane	ND	100	500.0	ug/Kg	11/27/02 AM
Chloroform	ND	100	500.0	ug/Kg	11/27/02 AM
Chloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Dibromomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Ethyl benzene	ND	100	500.0	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	11/27/02 AM
Iodomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	100	500.0	ug/Kg	11/27/02 AM
m and p-Xylene	ND	100	500.0	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	100	500.0	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	11/27/02 AM
Methylene chloride	ND	100	500.0	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Naphthalene	ND	100	500.0	ug/Kg	11/27/02 AM
o-Xylene	ND	100	500.0	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	100	500.0	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX32
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	100	500.0	ug/Kg	11/27/02 AM
Propionitrile	ND	100	500.0	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Styrene	ND	100	500.0	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
Toluene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	11/27/02 AM
Trichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Vinyl acetate	ND	100	5000.0	ug/Kg	11/27/02 AM
Vinyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Xylenes, total	ND	100	500.0	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	102			%	70 - 130
Toluene-d8 (sur)	106			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX32

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/04/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/04/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/04/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/04/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/04/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394756 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX32
Date Sampled: 11/25/2002
Time Sampled: 10:32
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Isophorone	ND	3	999.0	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/04/02 DP
Naphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	12/04/02 DP
Phenol	ND	3	999.0	ug/Kg	12/04/02 DP
Pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	65			%	17 - 122
2-Fluorobiphenyl (sur)	64			%	30 - 115
2-Fluorophenol (sur)	59			%	25 - 121
Nitrobenzene-d5 (sur)	58			%	23 - 120
Phenol-d5 (sur)	60			%	24 - 113
Terphenyl-d14 (sur)	108			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	5.3	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	116			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX33

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX33
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX33
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394757 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX33
Date Sampled: 11/25/2002
Time Sampled: 10:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Isophorone	ND	1	333	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02 DP
Naphthalene	ND	1	333	ug/Kg	12/04/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02 DP
Phenol	ND	1	333	ug/Kg	12/04/02 DP
Pyrene	ND	1	333	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	51			%	17 - 122
2-Fluorobiphenyl (sur)	54			%	30 - 115
2-Fluorophenol (sur)	48			%	25 - 121
Nitrobenzene-d5 (sur)	51			%	23 - 120
Phenol-d5 (sur)	51			%	24 - 113
Terphenyl-d14 (sur)	91			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	110			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	180	1	30	mg/Kg	11/30/02	AF
C22 - C32	80	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	1520	100	500.0	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	100	500.0	ug/Kg	11/27/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	11/27/02	AM
Acetone	ND	100	500.0	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Acrolein	ND	100	20000.0	ug/Kg	11/27/02 AM
Acrylonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Allyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Benzene	ND	100	500.0	ug/Kg	11/27/02 AM
Benzyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Bromobenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Bromochloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Bromoform	ND	100	500.0	ug/Kg	11/27/02 AM
Bromomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	100	500.0	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	11/27/02 AM
Chlorobenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Chloroethane	ND	100	500.0	ug/Kg	11/27/02 AM
Chloroform	ND	100	500.0	ug/Kg	11/27/02 AM
Chloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Dibromomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Ethyl benzene	ND	100	500.0	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	11/27/02 AM
Iodomethane	ND	100	500.0	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	100	500.0	ug/Kg	11/27/02 AM
m and p-Xylene	ND	100	500.0	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	100	500.0	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	100	500.0	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	11/27/02 AM
Methylene chloride	ND	100	500.0	ug/Kg	11/27/02 AM
n-Butylbenzene	795	100	500.0	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Naphthalene	ND	100	500.0	ug/Kg	11/27/02 AM
o-Xylene	ND	100	500.0	ug/Kg	11/27/02 AM
p-Isopropyltoluene	1160	100	500.0	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	100	500.0	ug/Kg	11/27/02 AM
Propionitrile	ND	100	500.0	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Styrene	ND	100	500.0	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
Toluene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	11/27/02 AM
Trichloroethene	ND	100	500.0	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	11/27/02 AM
Vinyl acetate	ND	100	5000.0	ug/Kg	11/27/02 AM
Vinyl chloride	ND	100	500.0	ug/Kg	11/27/02 AM
Xylenes, total	ND	100	500.0	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	114			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/04/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/04/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/04/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/04/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/04/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/04/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/04/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/04/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394758
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX34

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/04/02 DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Isophorone	ND	3	999.0	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/04/02 DP
Naphthalene	ND	3	999.0	ug/Kg	12/04/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/04/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	12/04/02 DP
Phenol	ND	3	999.0	ug/Kg	12/04/02 DP
Pyrene	ND	3	999.0	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	66			%	17 - 122
2-Fluorobiphenyl (sur)	68			%	30 - 115
2-Fluorophenol (sur)	64			%	25 - 121
Nitrobenzene-d5 (sur)	64			%	23 - 120
Phenol-d5 (sur)	62			%	24 - 113
Terphenyl-d14 (sur)	100			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	10	2	10.0	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	104			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX35

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX35
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
o-Xylene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX35
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130
Dibromofluoromethane (sur)	110			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX35

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394759 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX35
Date Sampled: 11/25/2002
Time Sampled: 11:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/04/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Isophorone	ND	1	333	ug/Kg	12/04/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02	DP
Naphthalene	ND	1	333	ug/Kg	12/04/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02	DP
Phenol	ND	1	333	ug/Kg	12/04/02	DP
Pyrene	ND	1	333	ug/Kg	12/04/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	52			%	17 - 122	
2-Fluorobiphenyl (sur)	59			%	30 - 115	
2-Fluorophenol (sur)	55			%	25 - 121	
Nitrobenzene-d5 (sur)	55			%	23 - 120	
Phenol-d5 (sur)	55			%	24 - 113	
Terphenyl-d14 (sur)	96			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/27/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	114			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102766

CHAIN OF CUSTODY RECORD

Date 11-25-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandergrift Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature)

Samples Intact Yes / No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled / Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	SAMPLE TYPE AIR	SAMPLE TYPE SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX10	FT-31	11-25-02	0800			X	4		See Attachment
FT31EX10D		11-25-02	0807			X	4		
FT31EX11		11-25-02	0817			X	4		
FT31EX11A		11-25-02	0830			X	4		
FT31EX24		11-25-02	0841			X	4		
FT31EX25		11-25-02	0850			X	4		
FT31EX26		11-25-02	0901			X	4		
FT31EX27		11-25-02	0912			X	4		
FT31EX28		11-25-02	0925			X	4		

Relinquished by: (Signature) 11-25-02 1600
Received by: (Signature) Fed Ex
Date/Time

Relinquished by: (Signature) Fed-Ex
Received by Laboratory for analysis: (Signature) Ken Hulsey
Date/Time 12:05 11-26-02

Special Instructions: fax results to (505) 67[illegible]
Shipper # 835776726959

2nd 11-27-02 9:00

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900
FAX 714/538-1209

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102766

REPORTED 12/05/2002
RECEIVED 11/26/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
394821	FT31EX10
394822	FT31EX10D
394823	FT31EX11
394824	FT31EX11A
394825	FT31EX24
394826	FT31EX25
394827	FT31EX26
394828	FT31EX27
394829	FT31EX28
394830	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 394821
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/29/02	AF
C10 - C22	ND	1	30	mg/Kg	11/29/02	AF
C22 - C32	ND	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	6.4	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	9.9	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394821
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	83	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	16	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394821
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	93			%	70 - 130
Dibromofluoromethane (sur)	111			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394821 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX10
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394821 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX10
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	54			%	17 - 122
2-Fluorobiphenyl (sur)	55			%	30 - 115
2-Fluorophenol (sur)	54			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	56			%	24 - 113
Terphenyl-d14 (sur)	89			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	119			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/29/02	AF
C10 - C22	ND	1	30	mg/Kg	11/29/02	AF
C22 - C32	ND	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	7.2	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	13	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	96	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	20	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX10D
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	86			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	108			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	60			%	17 - 122
2-Fluorobiphenyl (sur)	62			%	30 - 115
2-Fluorophenol (sur)	53			%	25 - 121
Nitrobenzene-d5 (sur)	58			%	23 - 120
Phenol-d5 (sur)	29			%	24 - 113
Terphenyl-d14 (sur)	101			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	111			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/29/02	AF
C10 - C22	ND	1	30	mg/Kg	11/29/02	AF
C22 - C32	ND	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	94	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	90			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	104			%	70 - 130
Toluene-d8 (sur)	104			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

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Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	51			%	17 - 122
2-Fluorobiphenyl (sur)	60			%	30 - 115
2-Fluorophenol (sur)	51			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	51			%	24 - 113
Terphenyl-d14 (sur)	109			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	110			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	212	1	20	mg/Kg	11/29/02	AF
C10 - C22	64	1	30	mg/Kg	11/29/02	AF
C22 - C32	103	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	11	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	7.5	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX11A
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	7.6	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	16	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	110			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/05/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/05/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/05/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/05/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/05/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/05/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/05/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/05/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/05/02 DP
Isophorone	ND	3	999.0	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/05/02 DP
Naphthalene	ND	3	999.0	ug/Kg	12/05/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/05/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	12/05/02 DP
Phenol	ND	3	999.0	ug/Kg	12/05/02 DP
Pyrene	ND	3	999.0	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	49			%	17 - 122
2-Fluorobiphenyl (sur)	55			%	30 - 115
2-Fluorophenol (sur)	52			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	50			%	24 - 113
Terphenyl-d14 (sur)	100			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	48	2	10.0	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	101			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX24

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX24

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX24

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	109			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX24
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX24
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	45			%	17 - 122
2-Fluorobiphenyl (sur)	56			%	30 - 115
2-Fluorophenol (sur)	49			%	25 - 121
Nitrobenzene-d5 (sur)	52			%	23 - 120
Phenol-d5 (sur)	30			%	24 - 113
Terphenyl-d14 (sur)	112			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	116			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX25
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

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Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	48			%	17 - 122
2-Fluorobiphenyl (sur)	62			%	30 - 115
2-Fluorophenol (sur)	54			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	53			%	24 - 113
Terphenyl-d14 (sur)	106			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	117			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	110			%	70 - 130
p-Bromofluorobenzene (sur)	107			%	70 - 130
Toluene-d8 (sur)	104			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	41			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	48			%	25 - 121
Nitrobenzene-d5 (sur)	45			%	23 - 120
Phenol-d5 (sur)	47			%	24 - 113
Terphenyl-d14 (sur)	80			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	119			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394828
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:12
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394828
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:12
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394828
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:12
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	120			%	70 - 130
Dibromofluoromethane (sur)	106			%	70 - 130
p-Bromofluorobenzene (sur)	110			%	70 - 130
Toluene-d8 (sur)	100			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394828
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:12
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394828
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:12
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	51			%	17 - 122
2-Fluorobiphenyl (sur)	50			%	30 - 115
2-Fluorophenol (sur)	51			%	25 - 121
Nitrobenzene-d5 (sur)	49			%	23 - 120
Phenol-d5 (sur)	51			%	24 - 113
Terphenyl-d14 (sur)	81			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	117			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394829
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:25
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX28

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394829 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX28
Date Sampled: 11/25/2002
Time Sampled: 09:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394829
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:25
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX28

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394829 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX28
Date Sampled: 11/25/2002
Time Sampled: 09:25
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394829
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:25
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX28

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	41			%	17 - 122
2-Fluorobiphenyl (sur)	41			%	30 - 115
2-Fluorophenol (sur)	42			%	25 - 121
Nitrobenzene-d5 (sur)	44			%	23 - 120
Phenol-d5 (sur)	43			%	24 - 113
Terphenyl-d14 (sur)	80			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	114			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

NARRATIVE

Date: December 6, 2002

Narrative for Lab Request LR: 102766

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015M – Total Petroleum Hydrocarbons.
- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
All QC data, including MS/MSD, LCS, Method Blanks, and Surrogate Recoveries, were within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Associated Laboratories
806 N. Batavia
Orange, CA 92868

Phone: 714-771-6900
Fax: 714-538-1209

LAB REQUEST: 102766

CLIENT: Foster Wheeler Environmental Corp.

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EPA 8260 - Volatile Organic Compounds ..... 125 - 187

EPA 8270 - Acid & Base/Neutral Extractables ..... 188 - 242

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102766

REPORTED 12/05/2002
RECEIVED 11/26/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
394821	FT31EX10
394822	FT31EX10D
394823	FT31EX11
394824	FT31EX11A
394825	FT31EX24
394826	FT31EX25
394827	FT31EX26
394828	FT31EX27
394829	FT31EX28
394830	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 394821
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/29/02	AF
C10 - C22	ND	1	30	mg/Kg	11/29/02	AF
C22 - C32	ND	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	6.4	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	9.9	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394821
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	83	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	16	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394821
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	93			%	70 - 130
Dibromofluoromethane (sur)	111			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394821
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394821
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	54			%	17 - 122
2-Fluorobiphenyl (sur)	55			%	30 - 115
2-Fluorophenol (sur)	54			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	56			%	24 - 113
Terphenyl-d14 (sur)	89			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	119			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/29/02	AF
C10 - C22	ND	1	30	mg/Kg	11/29/02	AF
C22 - C32	ND	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	7.2	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	13	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	96	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	20	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	86			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	108			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394822
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX10D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	60			%	17 - 122
2-Fluorobiphenyl (sur)	62			%	30 - 115
2-Fluorophenol (sur)	53			%	25 - 121
Nitrobenzene-d5 (sur)	58			%	23 - 120
Phenol-d5 (sur)	29			%	24 - 113
Terphenyl-d14 (sur)	101			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	111			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/29/02	AF
C10 - C22	ND	1	30	mg/Kg	11/29/02	AF
C22 - C32	ND	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	94	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	90			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	104			%	70 - 130
Toluene-d8 (sur)	104			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394823
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:17
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	12/05/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Isophorone	ND	1	333	ug/Kg	12/05/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02	DP
Naphthalene	ND	1	333	ug/Kg	12/05/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02	DP
Phenol	ND	1	333	ug/Kg	12/05/02	DP
Pyrene	ND	1	333	ug/Kg	12/05/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	51			%	17 - 122	
2-Fluorobiphenyl (sur)	60			%	30 - 115	
2-Fluorophenol (sur)	51			%	25 - 121	
Nitrobenzene-d5 (sur)	53			%	23 - 120	
Phenol-d5 (sur)	51			%	24 - 113	
Terphenyl-d14 (sur)	109			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	11/28/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	110			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	212	1	20	mg/Kg	11/29/02	AF
C10 - C22	64	1	30	mg/Kg	11/29/02	AF
C22 - C32	103	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	11	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	7.5	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	7.6	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX11A
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	16	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	110			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	106			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/05/02 DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/05/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/05/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/05/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/05/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/05/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/05/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/05/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/05/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/05/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394824
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX11A

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	3	999.0	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/05/02 DP
Isophorone	ND	3	999.0	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/05/02 DP
Naphthalene	ND	3	999.0	ug/Kg	12/05/02 DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/05/02 DP
Phenanthrene	ND	3	999.0	ug/Kg	12/05/02 DP
Phenol	ND	3	999.0	ug/Kg	12/05/02 DP
Pyrene	ND	3	999.0	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	49			%	17 - 122
2-Fluorobiphenyl (sur)	55			%	30 - 115
2-Fluorophenol (sur)	52			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	50			%	24 - 113
Terphenyl-d14 (sur)	100			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	48	2	10.0	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	101			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX24

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX24

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX24

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	109			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX24

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394825
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:41
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX24

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	45			%	17 - 122
2-Fluorobiphenyl (sur)	56			%	30 - 115
2-Fluorophenol (sur)	49			%	25 - 121
Nitrobenzene-d5 (sur)	52			%	23 - 120
Phenol-d5 (sur)	30			%	24 - 113
Terphenyl-d14 (sur)	112			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	116			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	103			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394826
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 08:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX25

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	48			%	17 - 122
2-Fluorobiphenyl (sur)	62			%	30 - 115
2-Fluorophenol (sur)	54			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	53			%	24 - 113
Terphenyl-d14 (sur)	106			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	117			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	110			%	70 - 130
p-Bromofluorobenzene (sur)	107			%	70 - 130
Toluene-d8 (sur)	104			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394827
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX26

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	41			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	48			%	25 - 121
Nitrobenzene-d5 (sur)	45			%	23 - 120
Phenol-d5 (sur)	47			%	24 - 113
Terphenyl-d14 (sur)	80			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	119			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394828
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:12
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394828
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:12
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394828
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:12
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	120			%	70 - 130
Dibromofluoromethane (sur)	106			%	70 - 130
p-Bromofluorobenzene (sur)	110			%	70 - 130
Toluene-d8 (sur)	100			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

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Matrix: SOLID
Date Sampled: 11/25/2002
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Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX27

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

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Client: Foster Wheeler Environmental Corp.
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Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	51			%	17 - 122
2-Fluorobiphenyl (sur)	50			%	30 - 115
2-Fluorophenol (sur)	51			%	25 - 121
Nitrobenzene-d5 (sur)	49			%	23 - 120
Phenol-d5 (sur)	51			%	24 - 113
Terphenyl-d14 (sur)	81			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	117			%	55 - 156

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Matrix: SOLID
Date Sampled: 11/25/2002
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Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX28

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/30/02	AF
C10 - C22	ND	1	30	mg/Kg	11/30/02	AF
C22 - C32	ND	1	50	mg/Kg	11/30/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/28/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/28/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/28/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/28/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/28/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/28/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/28/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/28/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/28/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/28/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/28/02	AM
Acetone	ND	1	5	ug/Kg	11/28/02	AM

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Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/28/02 AM
Acrolein	ND	1	200	ug/Kg	11/28/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Benzene	ND	1	5	ug/Kg	11/28/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/28/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/28/02 AM
Bromoform	ND	1	5	ug/Kg	11/28/02 AM
Bromomethane	ND	1	5	ug/Kg	11/28/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/28/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/28/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/28/02 AM
Chloroethane	ND	1	5	ug/Kg	11/28/02 AM
Chloroform	ND	1	5	ug/Kg	11/28/02 AM
Chloromethane	ND	1	5	ug/Kg	11/28/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/28/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/28/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/28/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/28/02 AM
Iodomethane	ND	1	5	ug/Kg	11/28/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/28/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/28/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/28/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/28/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/28/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Naphthalene	ND	1	5	ug/Kg	11/28/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/28/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/28/02 AM
Propionitrile	ND	1	5	ug/Kg	11/28/02 AM

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Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Styrene	ND	1	5	ug/Kg	11/28/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/28/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/28/02 AM
Toluene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/28/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/28/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/28/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/28/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/28/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/28/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/28/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130
Dibromofluoromethane (sur)	112			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/05/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/05/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/05/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/05/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/05/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/05/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/05/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/05/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/05/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

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Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/05/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/05/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/05/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/05/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/05/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/05/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/05/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/05/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/05/02	DP
Anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzidine	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/05/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/05/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/05/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/05/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Chrysene	ND	1	333	ug/Kg	12/05/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/05/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/05/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/05/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/05/02	DP
Fluorene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/05/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/05/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394829
Matrix: SOLID
Date Sampled: 11/25/2002
Time Sampled: 09:25
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX28

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/05/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/05/02 DP
Isophorone	ND	1	333	ug/Kg	12/05/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/05/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/05/02 DP
Naphthalene	ND	1	333	ug/Kg	12/05/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/05/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/05/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/05/02 DP
Phenol	ND	1	333	ug/Kg	12/05/02 DP
Pyrene	ND	1	333	ug/Kg	12/05/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	41			%	17 - 122
2-Fluorobiphenyl (sur)	41			%	30 - 115
2-Fluorophenol (sur)	42			%	25 - 121
Nitrobenzene-d5 (sur)	44			%	23 - 120
Phenol-d5 (sur)	43			%	24 - 113
Terphenyl-d14 (sur)	80			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/28/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	114			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394830
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	11/29/02	AF
C10 - C22	ND	1	30	mg/Kg	11/29/02	AF
C22 - C32	ND	1	50	mg/Kg	11/29/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	11/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	11/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	11/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	11/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	11/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	11/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	11/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	11/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	11/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	11/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	11/27/02	AM
Acetone	ND	1	5	ug/Kg	11/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394830
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	11/27/02 AM
Acrolein	ND	1	200	ug/Kg	11/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Benzene	ND	1	5	ug/Kg	11/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	11/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	11/27/02 AM
Bromoform	ND	1	5	ug/Kg	11/27/02 AM
Bromomethane	ND	1	5	ug/Kg	11/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	11/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	11/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	11/27/02 AM
Chloroethane	ND	1	5	ug/Kg	11/27/02 AM
Chloroform	ND	1	5	ug/Kg	11/27/02 AM
Chloromethane	ND	1	5	ug/Kg	11/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	11/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	11/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	11/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	11/27/02 AM
Iodomethane	ND	1	5	ug/Kg	11/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	11/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	11/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	11/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	11/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	11/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Naphthalene	ND	1	5	ug/Kg	11/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	11/27/02 AM
Pentachloroethane	ND	1	5	ug/Kg	11/27/02 AM
Propionitrile	ND	1	5	ug/Kg	11/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394830 **Client:** Foster Wheeler Environmental Corp.

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Styrene	ND	1	5	ug/Kg	11/27/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	11/27/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	11/27/02 AM
Toluene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	11/27/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	11/27/02 AM
Trichloroethene	ND	1	5	ug/Kg	11/27/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	11/27/02 AM
Vinyl acetate	ND	1	50	ug/Kg	11/27/02 AM
Vinyl chloride	ND	1	5	ug/Kg	11/27/02 AM
Xylenes, total	ND	1	5	ug/Kg	11/27/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	109			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	102			%	70 - 130
Toluene-d8 (sur)	110			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/04/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/04/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/04/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/04/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/04/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/04/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/04/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/04/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/04/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394830
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/04/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/04/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/04/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/04/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/04/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/04/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/04/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/04/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/04/02	DP
Anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzidine	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/04/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/04/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/04/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/04/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Chrysene	ND	1	333	ug/Kg	12/04/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/04/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/04/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/04/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/04/02	DP
Fluorene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/04/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/04/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 394830
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/04/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/04/02 DP
Isophorone	ND	1	333	ug/Kg	12/04/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/04/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/04/02 DP
Naphthalene	ND	1	333	ug/Kg	12/04/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/04/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/04/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/04/02 DP
Phenol	ND	1	333	ug/Kg	12/04/02 DP
Pyrene	ND	1	333	ug/Kg	12/04/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	65			%	17 - 122
2-Fluorobiphenyl (sur)	83			%	30 - 115
2-Fluorophenol (sur)	69			%	25 - 121
Nitrobenzene-d5 (sur)	76			%	23 - 120
Phenol-d5 (sur)	73			%	24 - 113
Terphenyl-d14 (sur)	115			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	11/27/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	106			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Prep. Date: 11/29/02

Analysis Date: 11/29/02

ID#'s in Batch: LR 102766, 102763

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	**Method**	LCS	ND	455	500	91	80%	120%
DIESEL	8015D	LCSD	ND	457	500	91	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	55-156
Method Blank	95
LCS	94
LCSD	94

*** Outside QC Limits**

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Prep. Date: 11/27/02

Analysis Date: 11/27/02-11/28/02

ID#'s in Batch: LR 102763, 102766

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	**Method**	LCS	ND	4.80	5	96	80%	120%
TPH	8015M-G	LCSD	ND	4.80	5	96	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-156
Method Blank	106
LCS	137
LCSD	135

*** Outside QC Limits**

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270 / 625

QC Sample: 102763-752

Matrix: SOLID

Date Analyzed : 12/04/02

Date Extracted : 12/03/02

Applies to: LR 102763, 102766, 102943

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	0.1	50	23	25	46	50	8	35	26-125
2-Chorophenol	ND	50	24	25	48	50	4	50	25-125
1,4-Dichlorobenzene	ND	50	23	25	46	50	8	27	28-104
n-Nitroso-di-propylamine	0.1	50	21	20	42	40	5	38	41-126
1,2,4-Trichlorobenzene	ND	50	23	24	46	48	4	23	38-107
4-Chloro-3-methylphenol	ND	50	31	30	62	60	3	33	26-103
Acenaphthene	ND	50	29	30	58	60	3	19	31-137
4-Nitrophenol	ND	50	47	46	94	92	2	50	11-114
2,4-Dinitrotoluene	0.1	50	42	42	84	84	0	47	28-89
Pentachlorophenol	ND	50	36	38	72	76	5	47	17-109
Pyrene	ND	50	41	45	82	90	9	36	35-142

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	27	54	26-125
2-Chlorophenol	50	28	56	25-125
1,4-Dichlorobenzene	50	28	56	28-104
n-Nitroso-di-n-propylamine	50	24	48	41-126
1,2,4-Trichlorobenzene	50	29	58	38-107
4-Chloro-3-methylphenol	50	33	66	26-103
Acenaphthene	50	42	84	31-137
4-Nitophenol	50	39	78	11-114
2,4-Dinitrotoluene	50	42	84	28-89
Pentachlorophenol	50	22	44	17-109
Pyrene	50	42	84	35-142

Method Blank = All ND

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 11/28/02 9:38 PM

Applies to: LR 102763, 102789, 102766

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	53.19	54.51	106	109	2	22	59-172
MTBE	ND	50	46.15	42.93	92	86	7	24	62-137
Benzene	ND	50	49.36	45.07	99	90	9	24	62-137
Trichloroethene	ND	50	58.63	56.22	117	112	4	21	66-142
Toluene	ND	50	53.56	54.43	107	109	2	21	59-139
Chlorobenzene	ND	50	51.38	49.13	103	98	4	21	60-133

QC Sample: LCS/LCSD #2, 2:49 PM
Analysis Date: 11/28/02

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	60.18	58.47	120	117	3	22	59-172
MTBE	ND	50	44.40	46.94	89	94	6	24	62-137
Benzene	ND	50	48.97	49.34	98	99	1	24	62-137
Trichloroethene	ND	50	55.85	58.10	112	116	4	21	66-142
Toluene	ND	50	53.94	54.60	108	109	1	21	59-139
Chlorobenzene	ND	50	50.01	50.65	100	101	1	21	60-133

QC Sample: LCS # 1 2:49 PM
Analysis Date: 11/27/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	58.34	117	59-172
MTBE	ND	50	42.15	84	62-137
Benzene	ND	50	48.13	96	62-137
Trichloroethene	ND	50	56.15	112	66-142
Toluene	ND	50	57.30	115	59-139
Chlorobenzene	ND	50	50.34	101	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB	LCS	LCSD
1,2-Dichloroethane-d4	97	109	100	101
Dibromofluoromethane	105	109	107	106
Toluene-d8	111	110	102	106
p-Bromofluorobenzene	106	102	103	108

Cooler Receipt Form

Client: Foster Wheeler Project: FT-31
Date Cooler Received: 11-26-02 Date Cooler Opened: 11-26-02

Was cooler scanned for presence of radioactivity? (Yes) / No
a: Was radioactivity results above 25cpm? Yes / (No)

If cooler had custody seal(s), were they signed and intact? NA / (Yes) / No

Was a shipper's packing slip attached to the cooler? (Yes) / No

Cooler was packed with: Ice X Ice Packs___ Bubble Wrap X Styrofoam___
Paper___ None___ Other___

Temperature of cooler: 0.2°C
*Cooler needs to be received @ 4°C with an acceptable range of 2°-6°C

Were all samples sealed in plastic bags? (Yes) / No

Did all samples arrive intact? If no, see below (Yes) / No

Were all samples labeled correctly? (ID, Dates, Times) If no, see below (Yes) / No

Can the tests required be run with provided containers? If no, see below (Yes) / No

Was sufficient volume of sample sent in all containers? (Yes) / No

Were any VOA vials received with headspace? (NA) / Yes / No

Were correct preservatives used? (NA) / Yes / No
*If no, see pH Log for a list of samples and container pH.

Any other important information: ___

Signed: [signature] Date: 11-26-02

Attachment B

EXCAVATION samples

Analytical Method	Parameter
SW-846 Method 5035/8260B	VOCs
SW-846 Method 8270C	SVOCs
EPA Modified Method 8015	TPH (DRO, GRO, ORO)

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102766

CHAIN OF CUSTODY RECORD

Date 11-25-02 Page 1 of 1

CLIENT Tetra Tech

ADDRESS 180 Newport Ctr. Dr. #200
Newport Bch. CA 92660

PROJECT NAME FT-31

PROJECT MANAGER T. Merino

PHONE NUMBER (949) 679-2001

SAMPLERS: (Signature)

Samples Intact Yes ✓ No ___
County Seals Intact Yes ___ No ___
Sample Ambient ___ Cooled ✓ Frozen ___
Same Day ___ 24 Hr. ___
Regular ✓ 48 Hr. ___

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	SAMPLE TYPE: AIR	SAMPLE TYPE: SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX1C	FT-31	11-25-02	0900			X	4		See Attachment
FT31EX1CD		11-25-02	0907			X	4		
FT31EX11		11-25-02	0917			X	4		
FT31EX11A		11-25-02	0930			X	4		
FT31EX24		11-25-02	0941			X	4		
FT31EX25		11-25-02	0850			X	4		
FT31EX26		11-25-02	0901			X	4		
FT31EX27		11-25-02	0912			X	4		
FT31EX28		11-25-02	0925			X	4		

Relinquished by: (Signature) 11-25-02 1600	Received by: (Signature) fed ex	Date/Time
Relinquished by: (Signature) fed-ex	Received by Laboratory for analysis: (Signature) Ken Hulsey	Date/Time 12:05 11-26-02

Special Instructions: fax results to (949) 679-2001
Shipper # 825776726259

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102766

CHAIN OF CUSTODY RECORD

Date 11-25-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 8301 Vandenberg Ft Rd. 1268
Bldg. 1111, 93130

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2100
SAMPLERS: (Signature)

Samples Intact Yes ✓ No ___
County Seals Intact Yes ___ No ___
Sample Ambient ___ Cooled ✓ Frozen ___
Same Day ___ 24 Hr. ___
Regular ✓ 48 Hr. ___

PROJECT NAME
FT-31

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	SAMPLE TYPE AIR	SAMPLE TYPE SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX10	FT-31	11-25-02	0800			X	4		See Attachment
FT31EX10D		11-25-02	0807			X	4		
FT31EX11		11-25-02	0817			X	4		
FT31EX11A		11-25-02	0830			X	4		
FT31EX24		11-25-02	0841			X	4		
FT31EX25		11-25-02	0850			X	4		
FT31EX26		11-25-02	0901			X	4		
FT31EX27		11-25-02	0912			X	4		
FT31EX28		11-25-02	0925			X	4		

Relinquished by: (Signature) 11-25-02 1600	Received by: (Signature) Fedex	Date/Time
Relinquished by: (Signature) Fedex	Received by Laboratory for analysis: (Signature) Ken Hulsey	Date/Time 12:05 11-26-02

Special Instructions: fax results to (505) 679-2178
Skipper # 835776726959

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

2 11-27-02 Given

EPA 8015M:

Total Petroleum Hydrocarbons

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

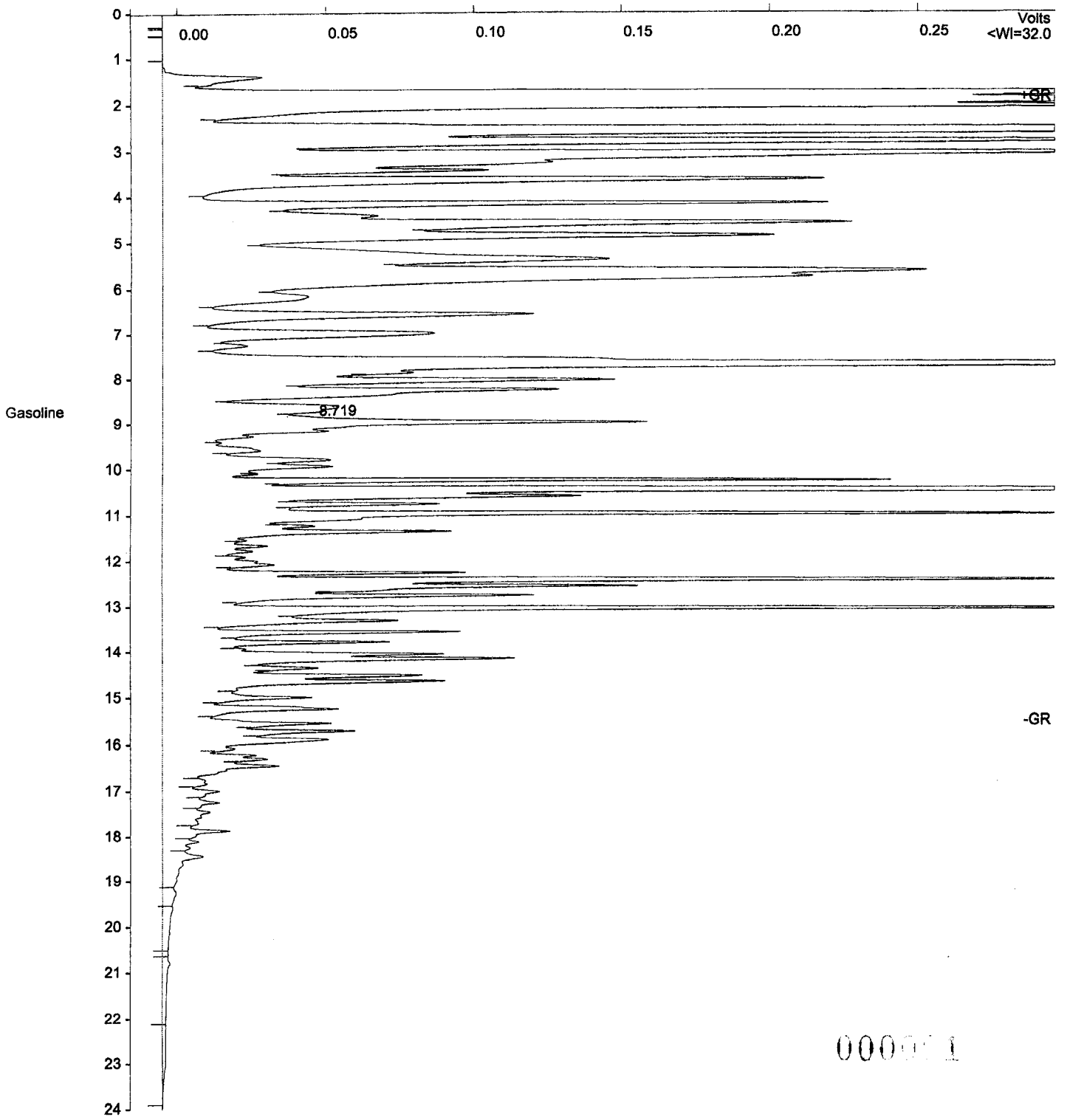
Injection Date: 11/27/02 8:52 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000011

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/27/02 8:52 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8086	8.719	0.001	7983228	GR	0.0	
	Totals:	4.8086		0.001	7983228			

Total Unidentified Counts : 855816 counts

Detected Peaks: 62 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4939 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

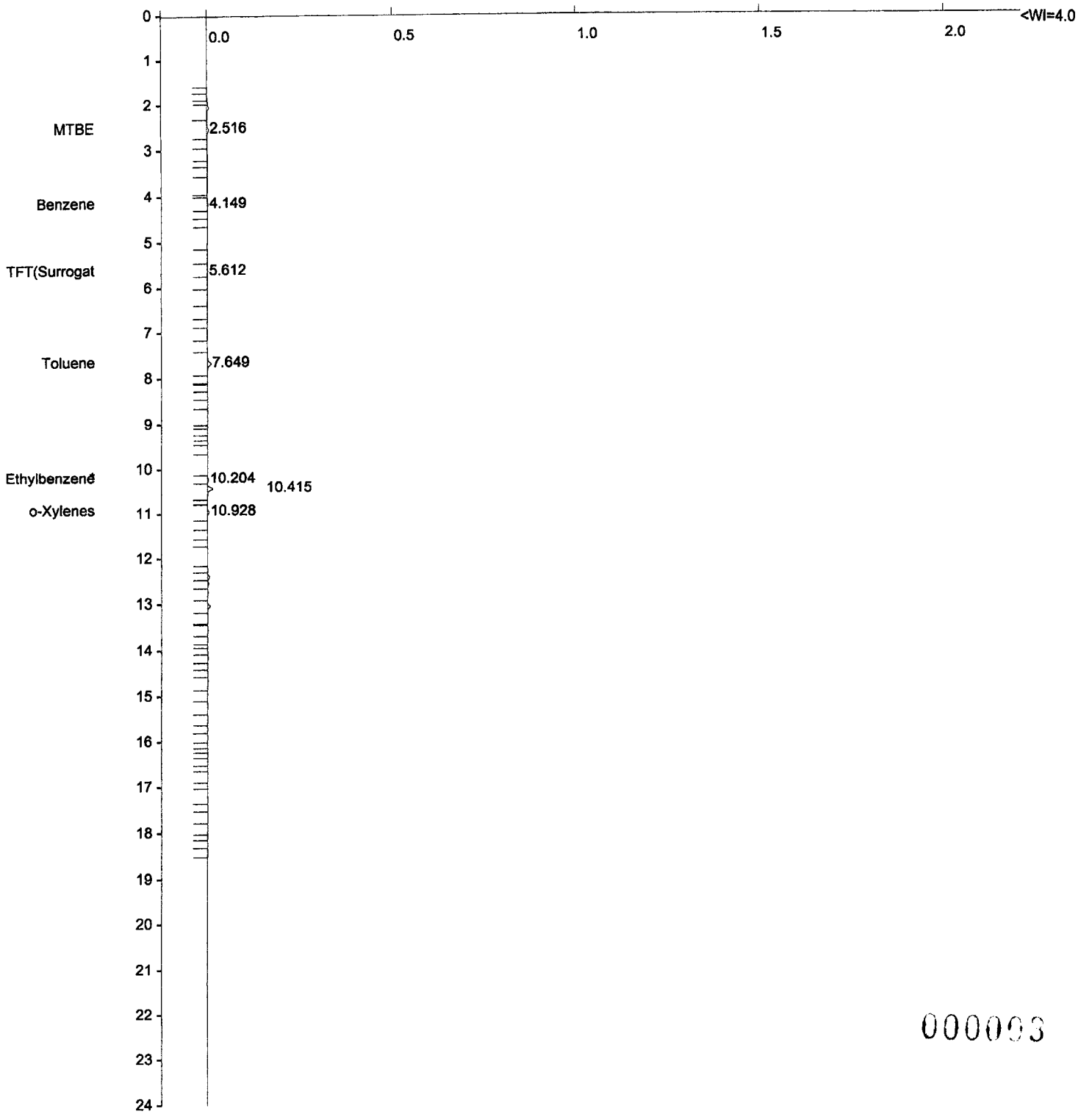
Injection Date: 11/27/02 8:52 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000093

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1013.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/27/02 8:52 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.516	-0.011	3564	VV	7.2	
2	Benzene	0.0000	4.149	-0.025	1195	BB	5.7	
3	TFT(Surrogat	0.2649	5.612	0.022	1485	VV	9.3	C
4	Toluene	0.0000	7.649	-0.009	6868	BP	5.2	
5	Ethylbenzene	0.0000	10.204	-0.006	1361	BV	4.0	
6	p,m-Xylenes	0.0000	10.415	0.005	7340	VV	4.3	
7	o-Xylenes	0.0000	10.928	-0.007	2289	VB	3.9	
	Totals:	0.2649		-0.031	24102			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 16434 counts

Detected Peaks: 64 Rejected Peaks: 48 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -59 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

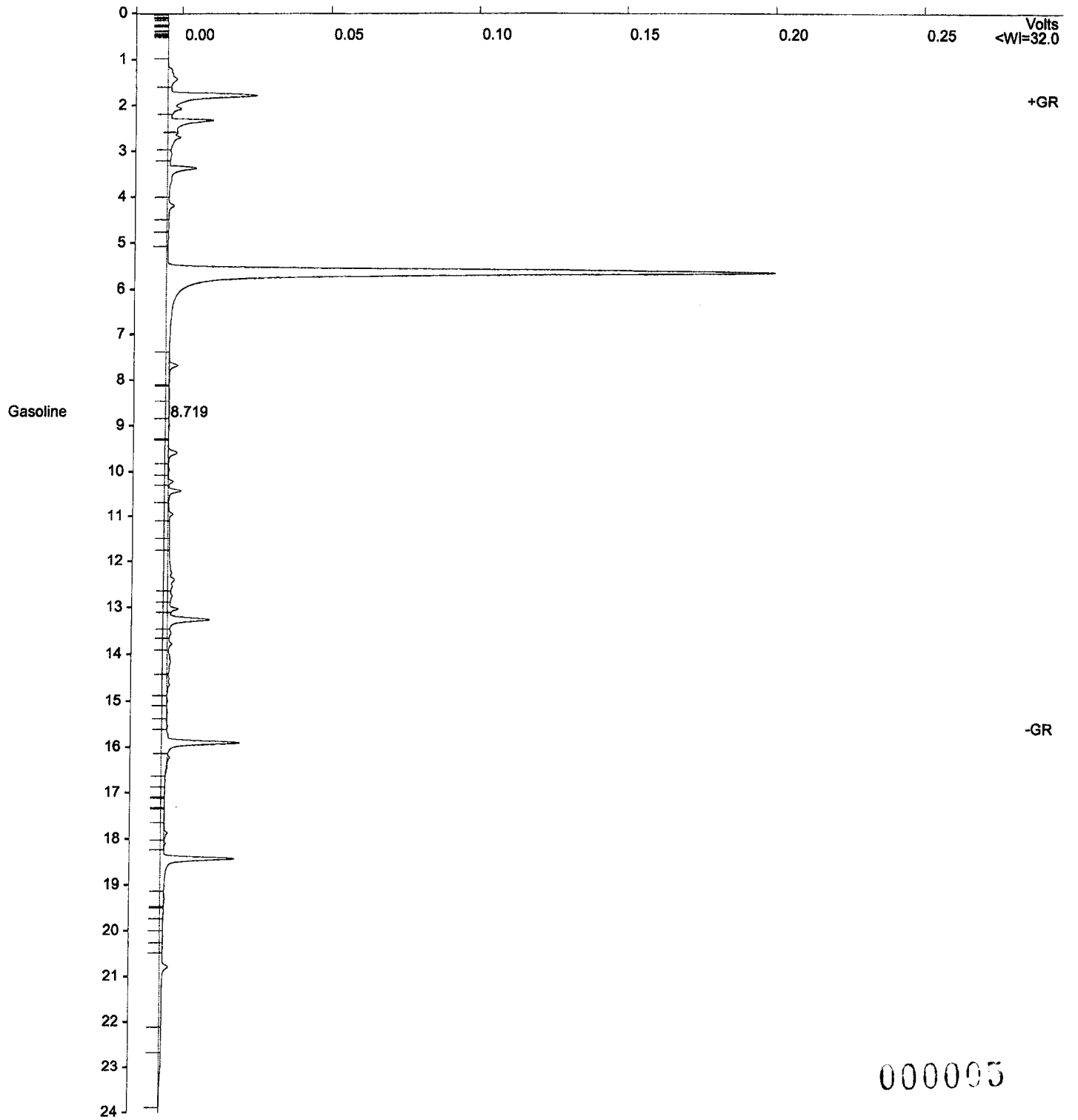
Injection Date: 11/27/02 9:32 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000005

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

Injection Date: 11/27/02 9:32 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2085	8.719	0.001	346099	GR	0.0	
	Totals:	0.2085		0.001	346099			

Total Unidentified Counts : 108545 counts

Detected Peaks: 58 Rejected Peaks: 21 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4809 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

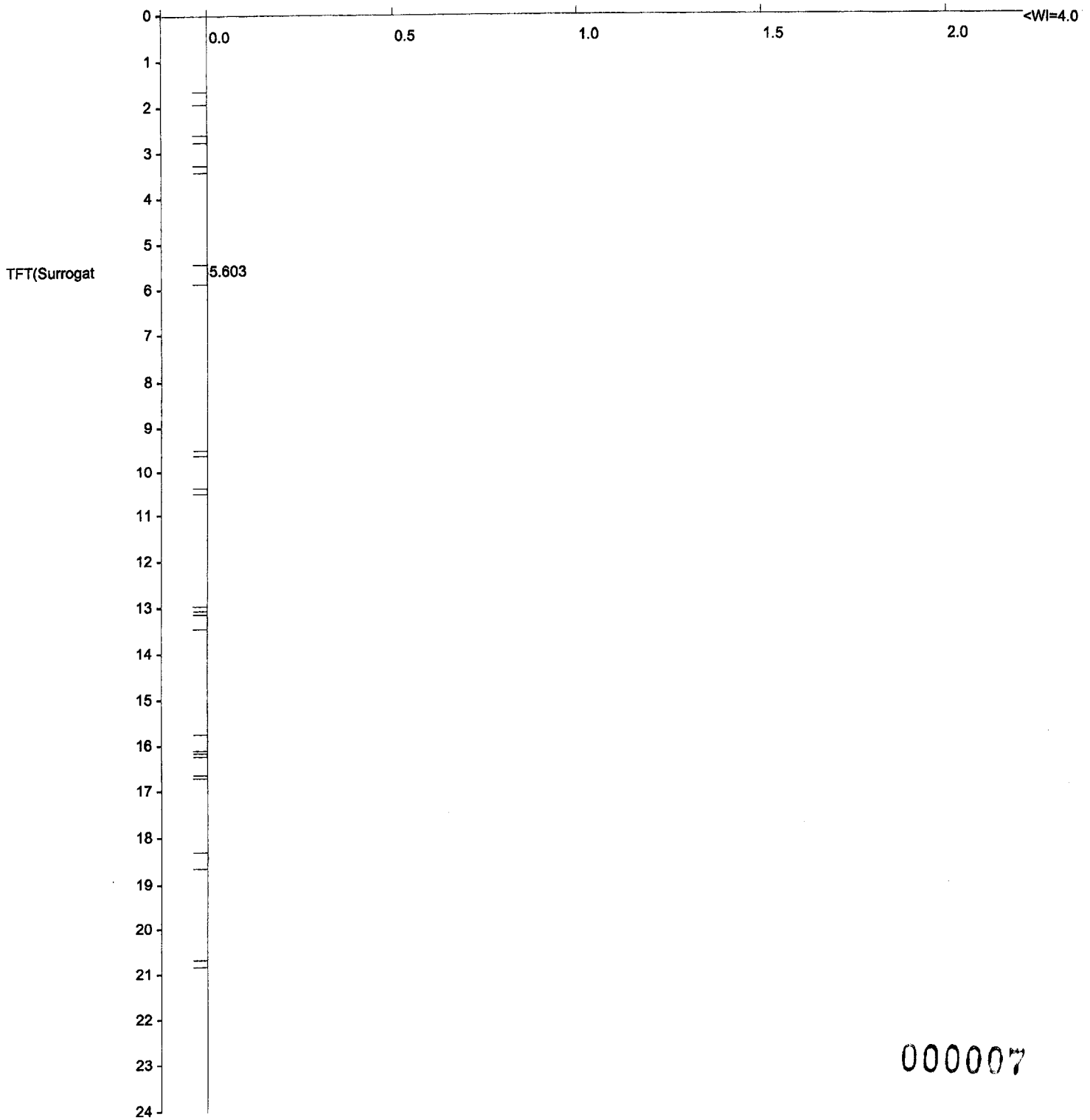
Injection Date: 11/27/02 9:32 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000007

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1014.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : mb

Injection Date: 11/27/02 9:32 AM Calculation Date: 12/2/02 8:40 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2111	5.603	0.013	1183	BB	7.7	
	Totals:	0.2111		0.013	1183			

Total Unidentified Counts : 0 counts

Detected Peaks: 13 Rejected Peaks: 12 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1022.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

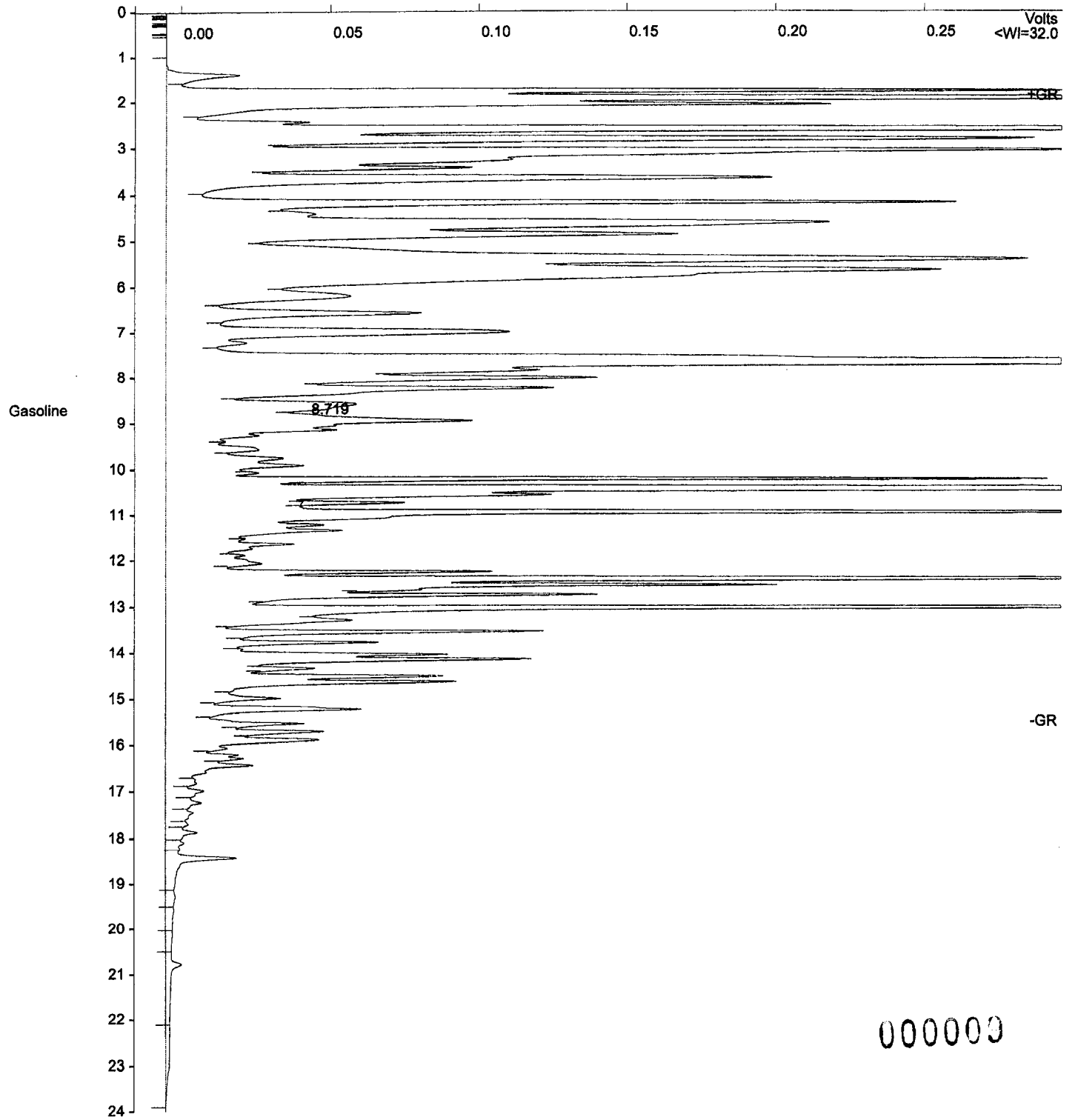
Injection Date: 11/27/02 2:47 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000009

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1022.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

Injection Date: 11/27/02 2:47 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8427	8.719	0.001	8039868	GR	0.0	
	Totals:	4.8427		0.001	8039868			

Total Unidentified Counts : 332049 counts

Detected Peaks: 66 Rejected Peaks: 9 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -5099 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1022.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

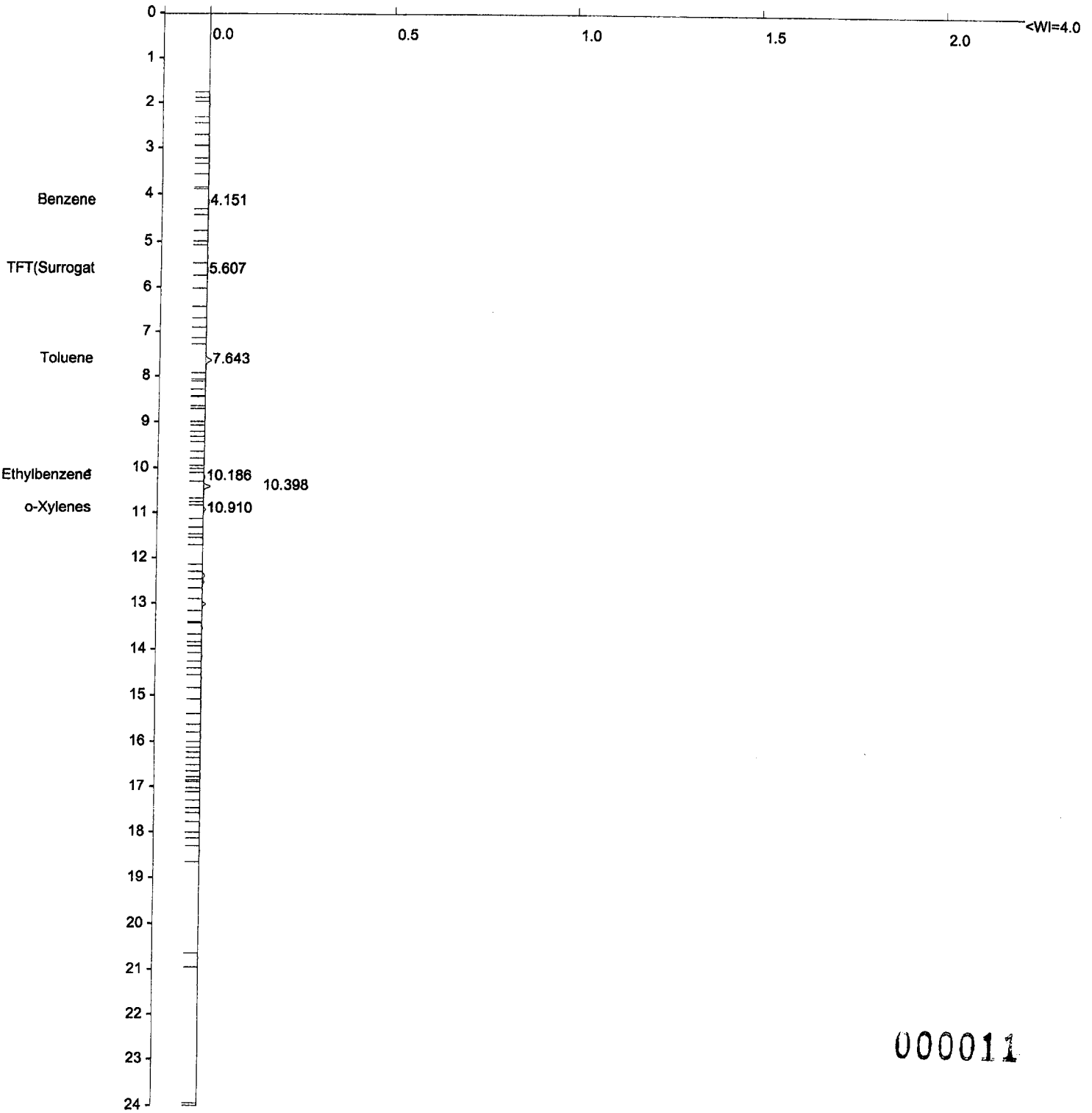
Injection Date: 11/27/02 2:47 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000011

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1022.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcs-gw143

Injection Date: 11/27/02 2:47 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.151	-0.023	1658	VV	5.6	
2	TFT(Surrogat	0.2741	5.607	0.017	1536	VV	10.4	C
3	Toluene	0.0000	7.643	-0.015	10800	BP	5.2	
4	Ethylbenzene	0.0000	10.186	-0.024	1639	PV	4.0	
5	p,m-Xylenes	0.0000	10.398	-0.012	9105	VV	0.0	
6	o-Xylenes	0.0000	10.910	-0.025	2898	VB	4.0	
	Totals:	0.2741		-0.082	27636			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 17062 counts

Detected Peaks: 78 Rejected Peaks: 63 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1023.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

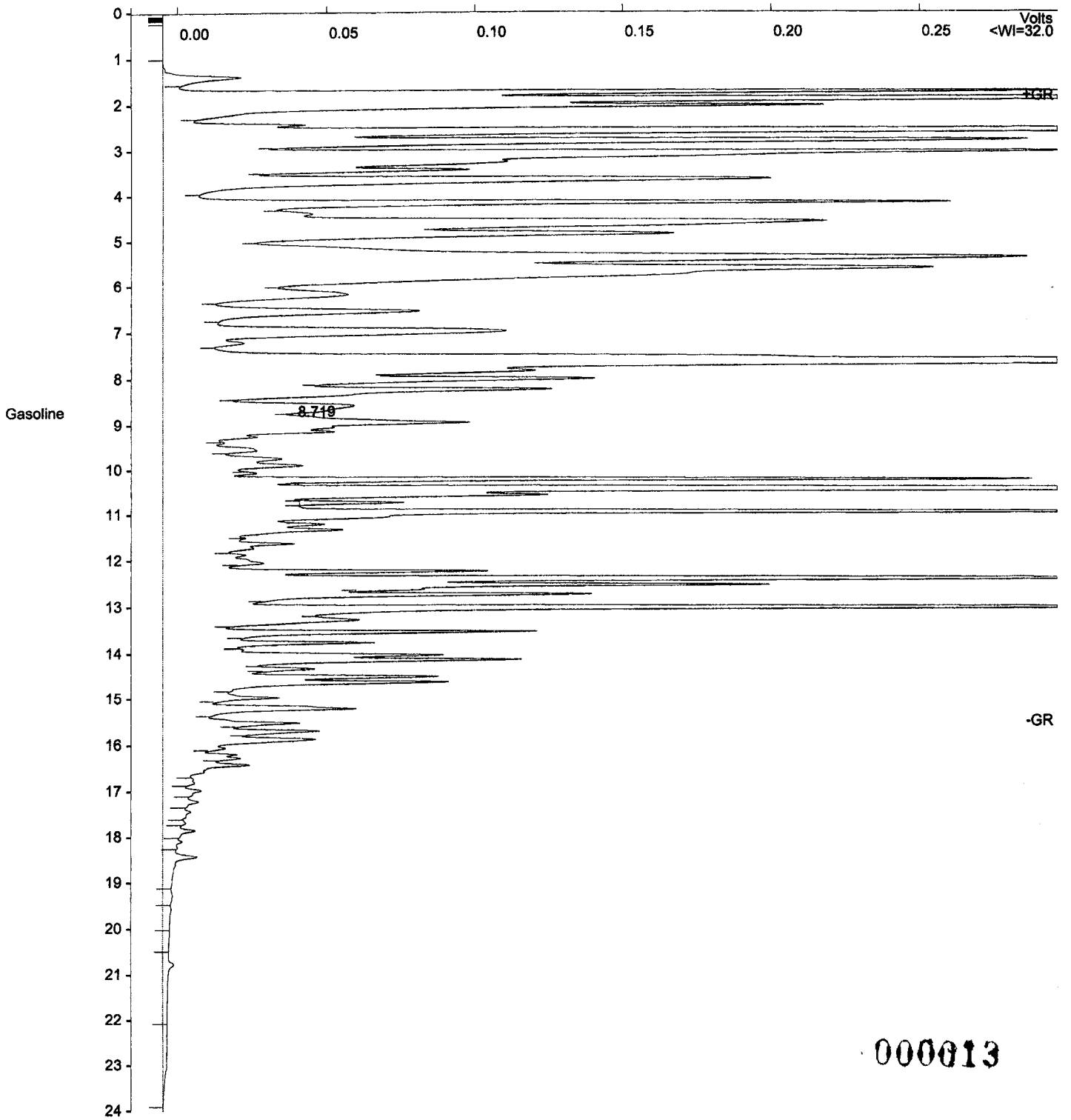
Injection Date: 11/27/02 3:27 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000013

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1023.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

Injection Date: 11/27/02 3:27 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8349	8.719	0.001	8026896	GR	0.0	
	Totals:	4.8349		0.001	8026896			

Total Unidentified Counts : 329902 counts

Detected Peaks: 63 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4899 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1023.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

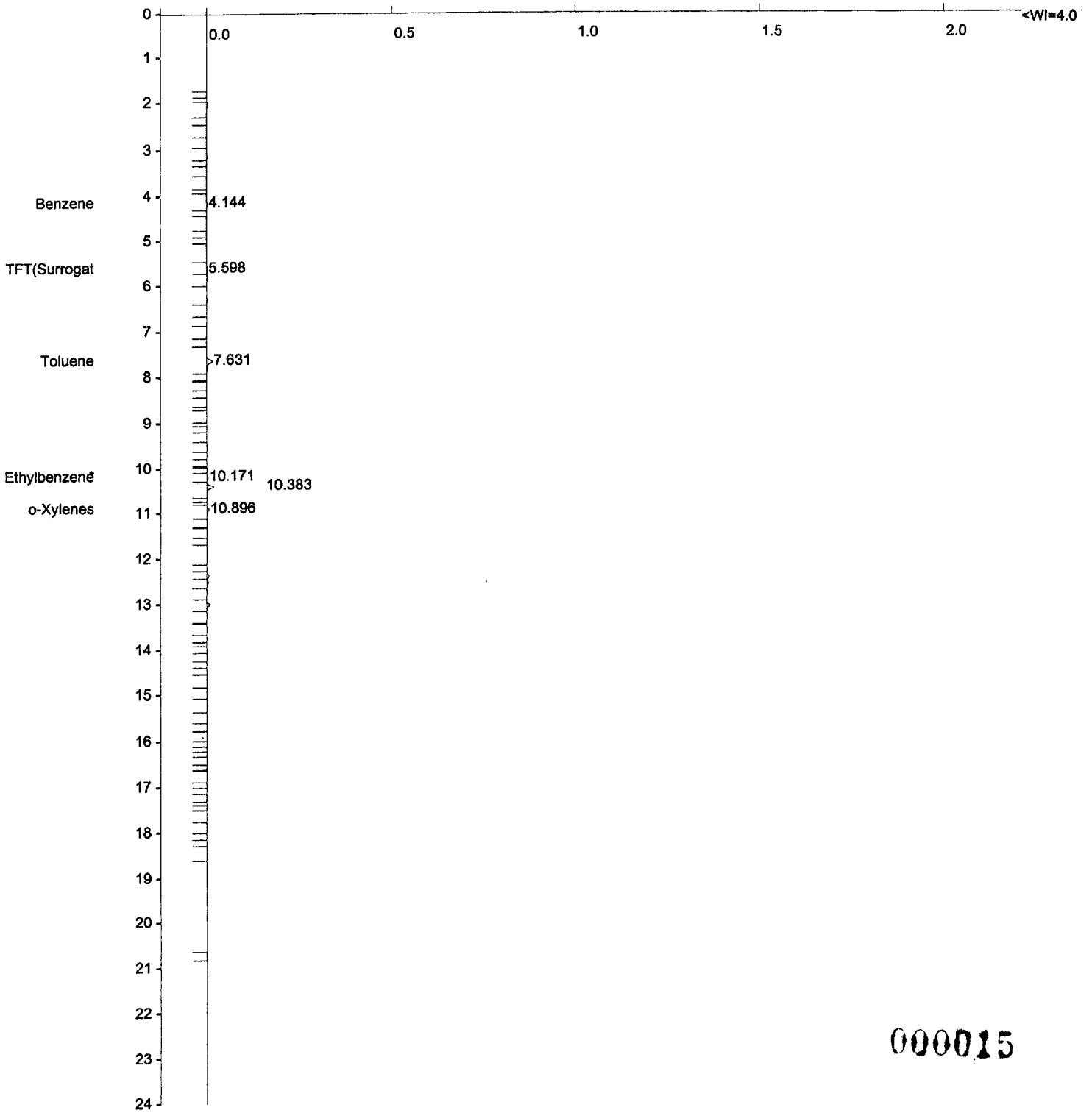
Injection Date: 11/27/02 3:27 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000015

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1023.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : glcsd-gw143

Injection Date: 11/27/02 3:27 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0000	4.144	-0.030	1643	VV	5.6	
2	TFT(Surrogat	0.2696	5.598	0.008	1511	VV	10.5	C
3	Toluene	0.0000	7.631	-0.027	10990	BP	5.0	
4	Ethylbenzene	0.0000	10.171	-0.039	1623	PV	4.0	
5	p,m-Xylenes	0.0000	10.383	-0.027	9203	VV	0.0	
6	o-Xylenes	0.0000	10.896	-0.039	2862	VB	4.0	
	Totals:	0.2696		-0.154	27832			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 16849 counts

Detected Peaks: 73 Rejected Peaks: 58 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1024.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

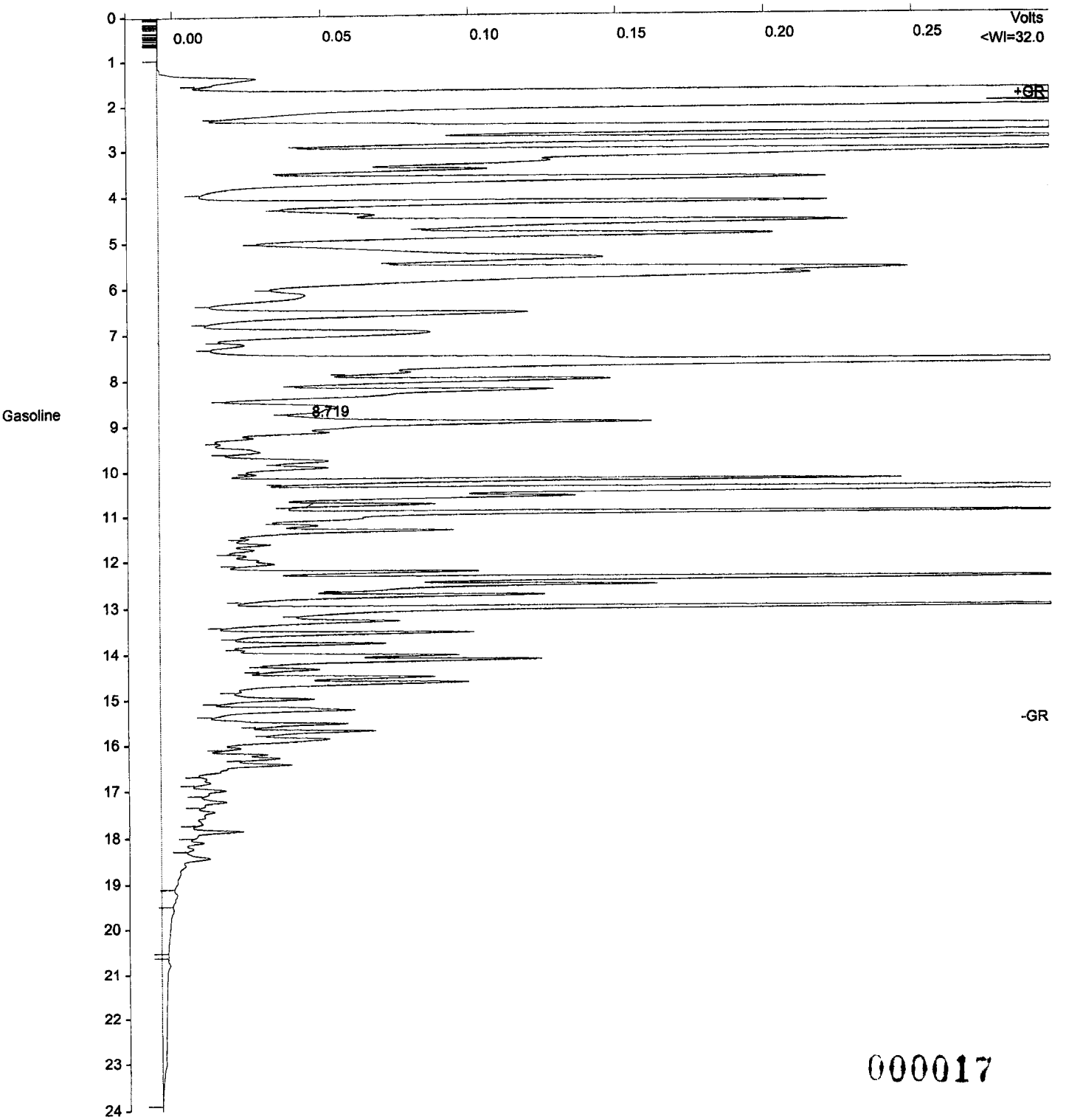
Injection Date: 11/27/02 4:06 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1024.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/27/02 4:06 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.9505	8.719	0.001	8218936	GR	0.0	
	Totals:	4.9505		0.001	8218936			

Total Unidentified Counts : 891159 counts

Detected Peaks: 76 Rejected Peaks: 18 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4869 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1024.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

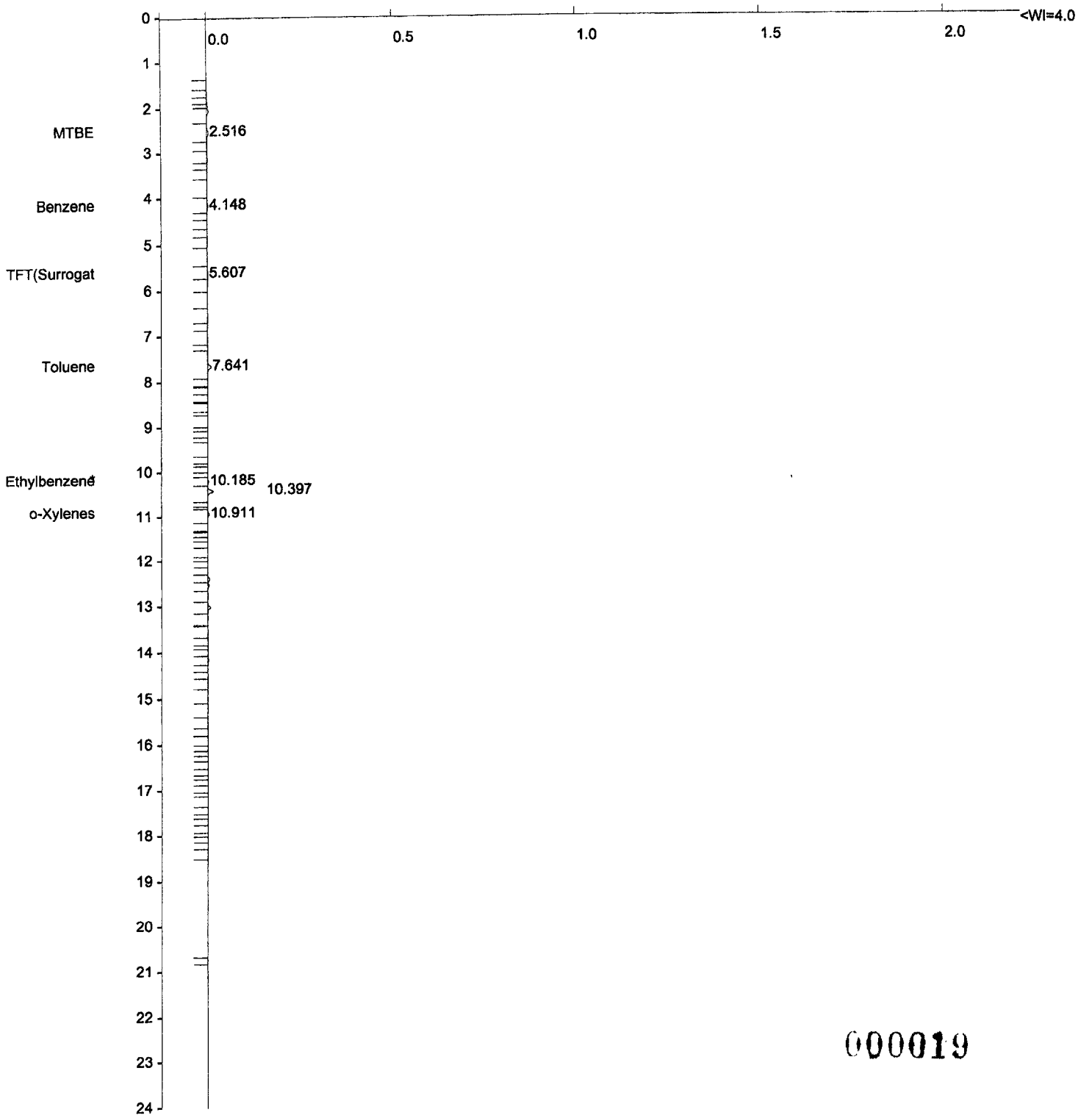
Injection Date: 11/27/02 4:06 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000019

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1024.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/27/02 4:06 PM Calculation Date: 12/2/02 8:41 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.516	-0.011	3684	VV	7.3	
2	Benzene	0.0000	4.148	-0.026	1415	VV	6.0	
3	TFT(Surrogat	0.2629	5.607	0.017	1474	VV	10.8	C
4	Toluene	0.0000	7.641	-0.017	7146	BP	5.2	
5	Ethylbenzene	0.0000	10.185	-0.025	1352	VV	4.1	
6	p,m-Xylenes	0.0000	10.397	-0.013	7494	VV	4.3	
7	o-Xylenes	0.0000	10.911	-0.024	2219	VB	4.0	
	Totals:	0.2629		-0.099	24784			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 18078 counts

Detected Peaks: 82 Rejected Peaks: 65 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1033.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-821-5.0

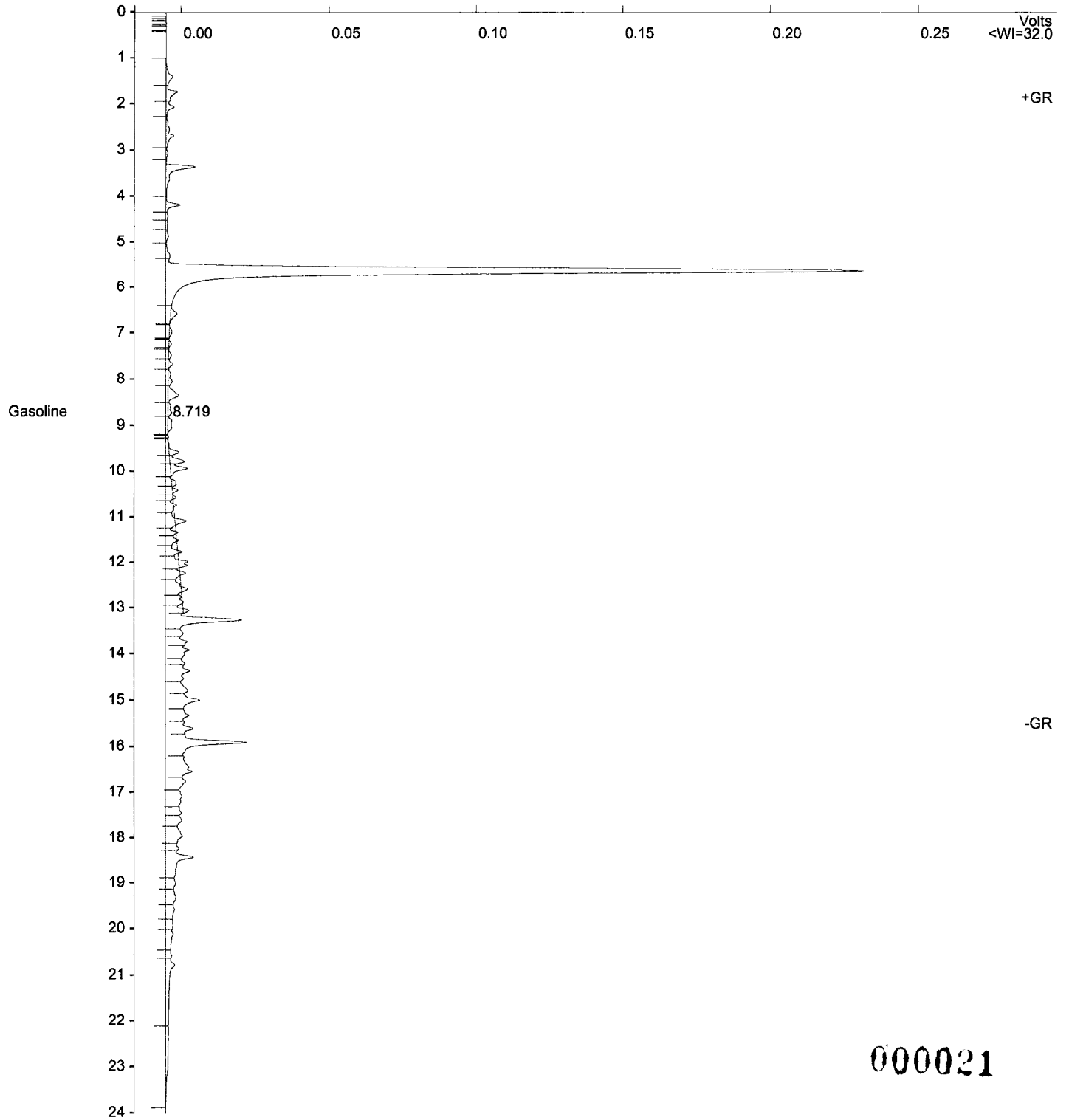
Injection Date: 11/27/02 10:42 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1033.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-821-5.0

Injection Date: 11/27/02 10:42 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2844	8.719	0.001	472213	GR	0.0	
	Totals:	0.2844		0.001	472213			

Total Unidentified Counts : 175508 counts

Detected Peaks: 73 Rejected Peaks: 8 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -5029 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1033.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-821-5.0

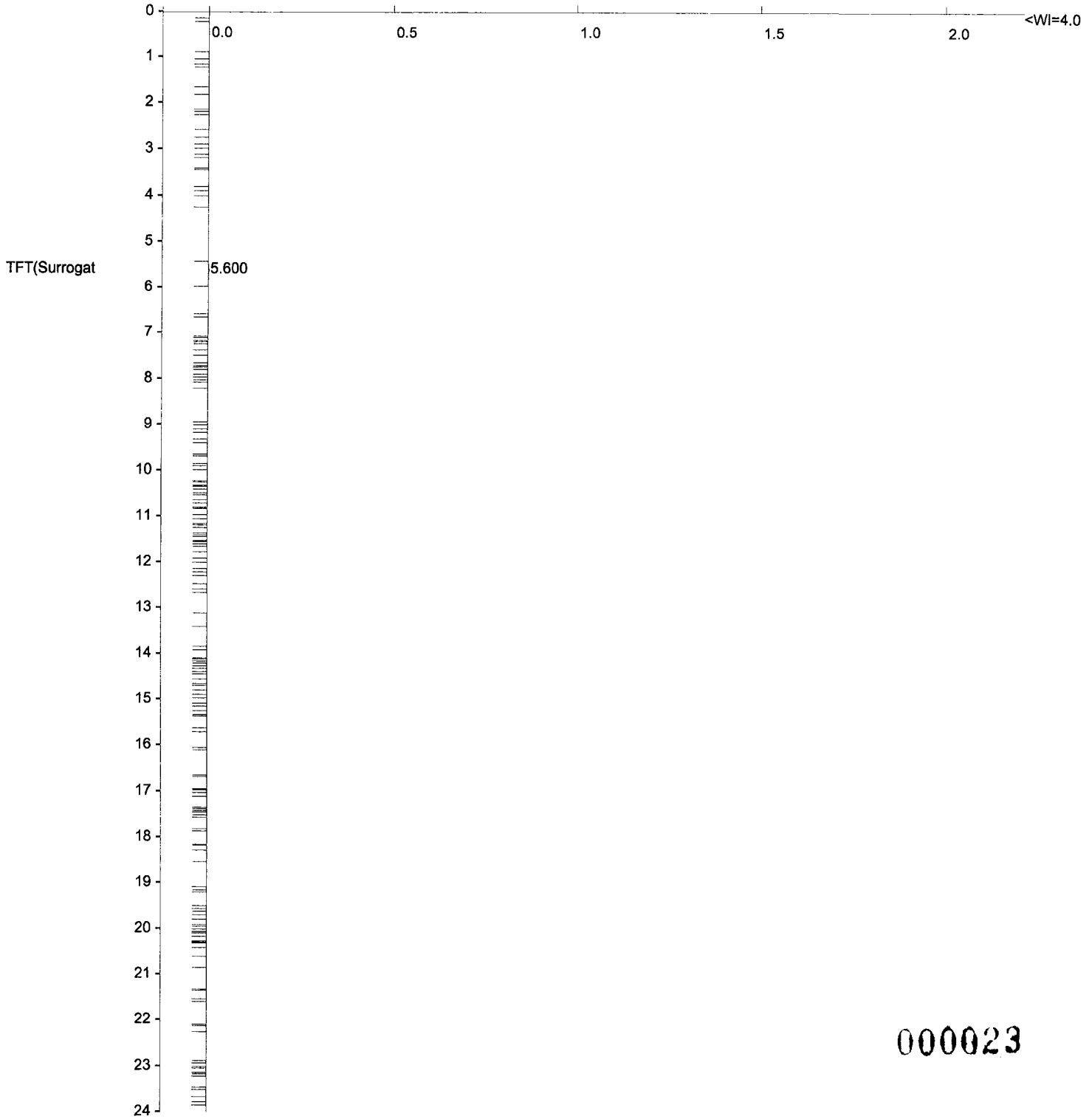
Injection Date: 11/27/02 10:42 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000023

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1033.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-821-5.0

Injection Date: 11/27/02 10:42 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2371	5.600	0.010	1329	BB	7.6	C
	Totals:	0.2371		0.010	1329			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 131 Rejected Peaks: 130 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1034.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-822-5.0

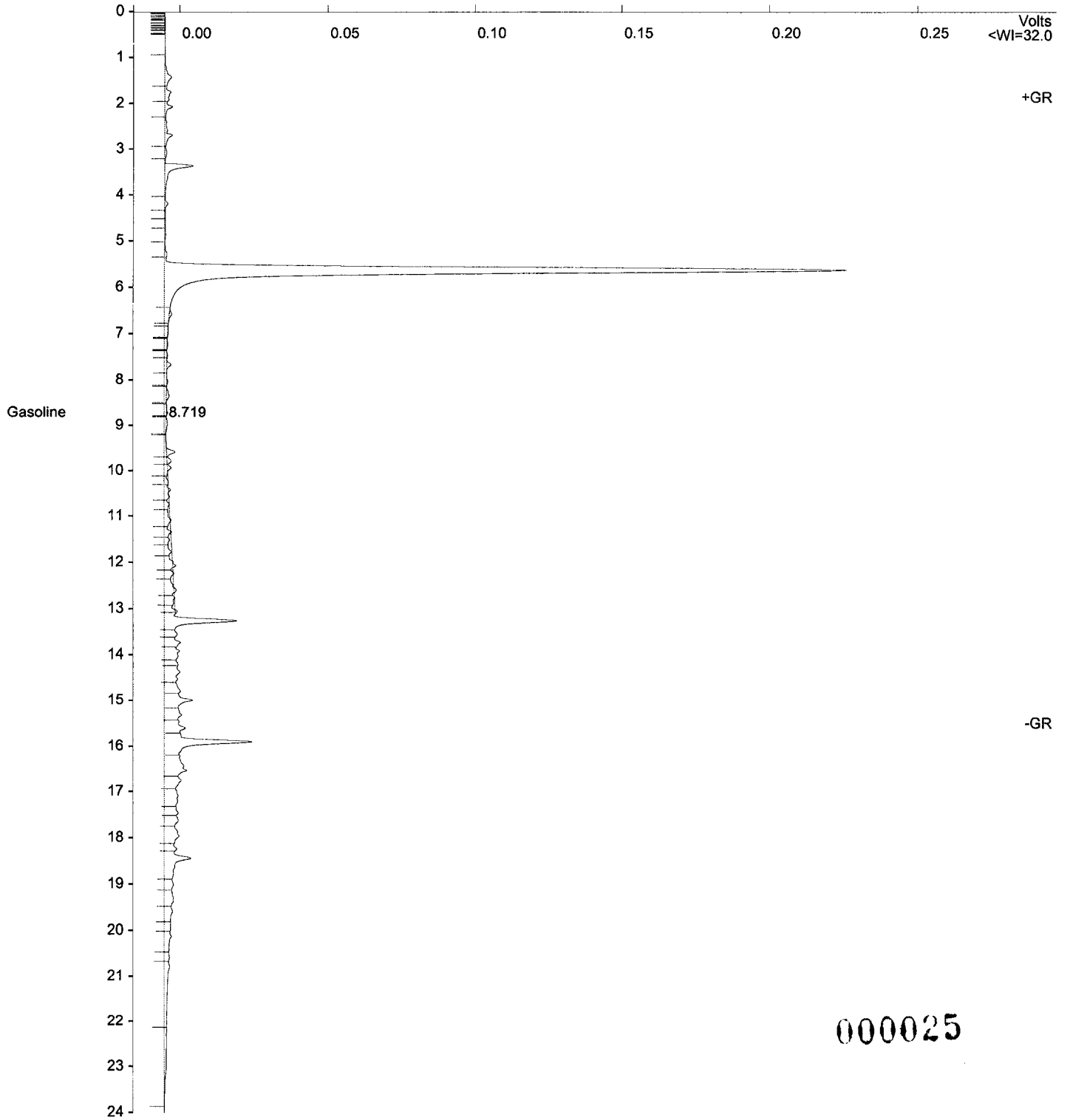
Injection Date: 11/27/02 11:22 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000025

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1034.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-822-5.0

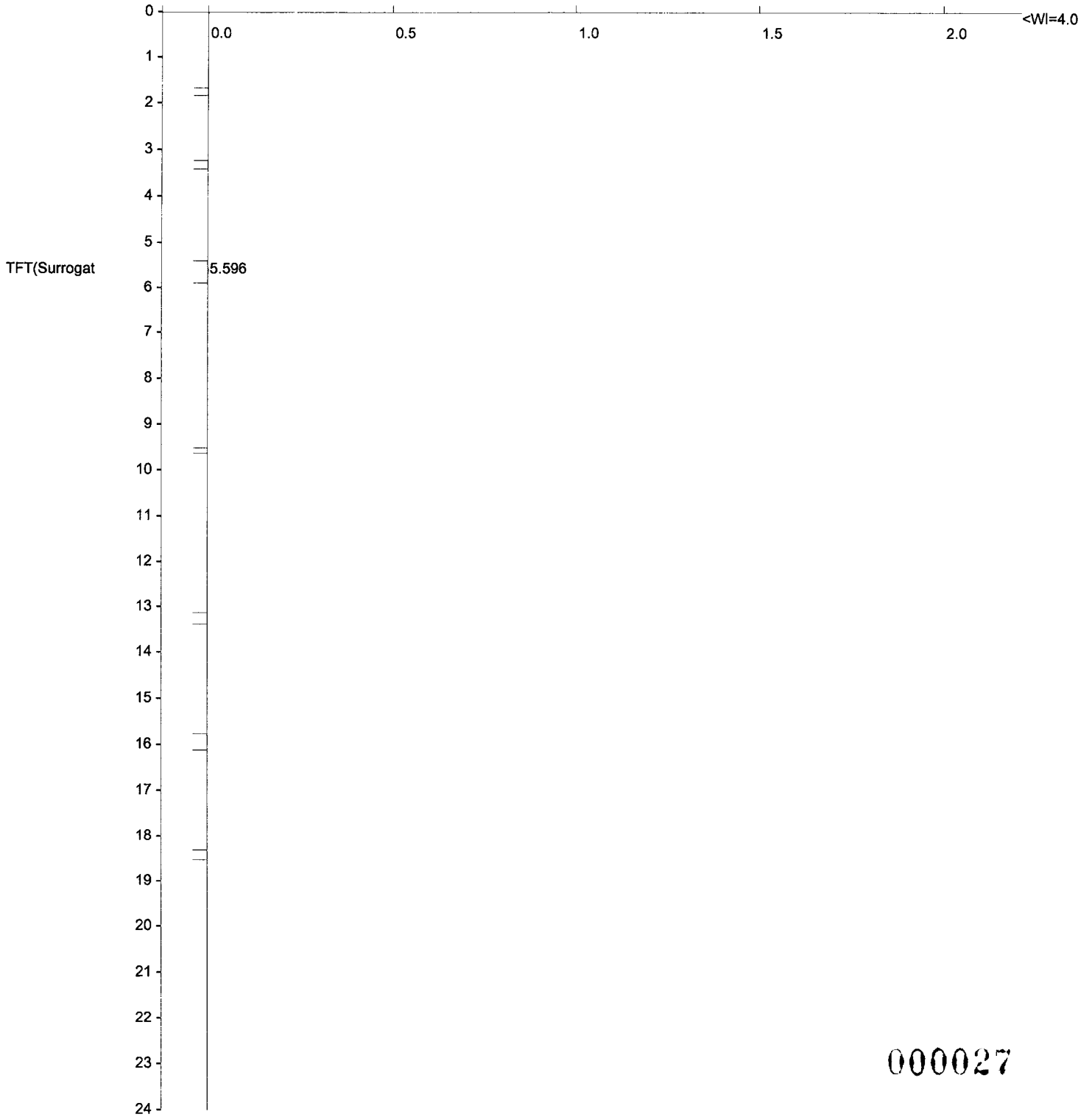
Injection Date: 11/27/02 11:22 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000027

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-27-02-1034.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-822-5.0

Injection Date: 11/27/02 11:22 PM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2212	5.596	0.006	1240	BB	7.7	C
	Totals:	0.2212		0.006	1240			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 7 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

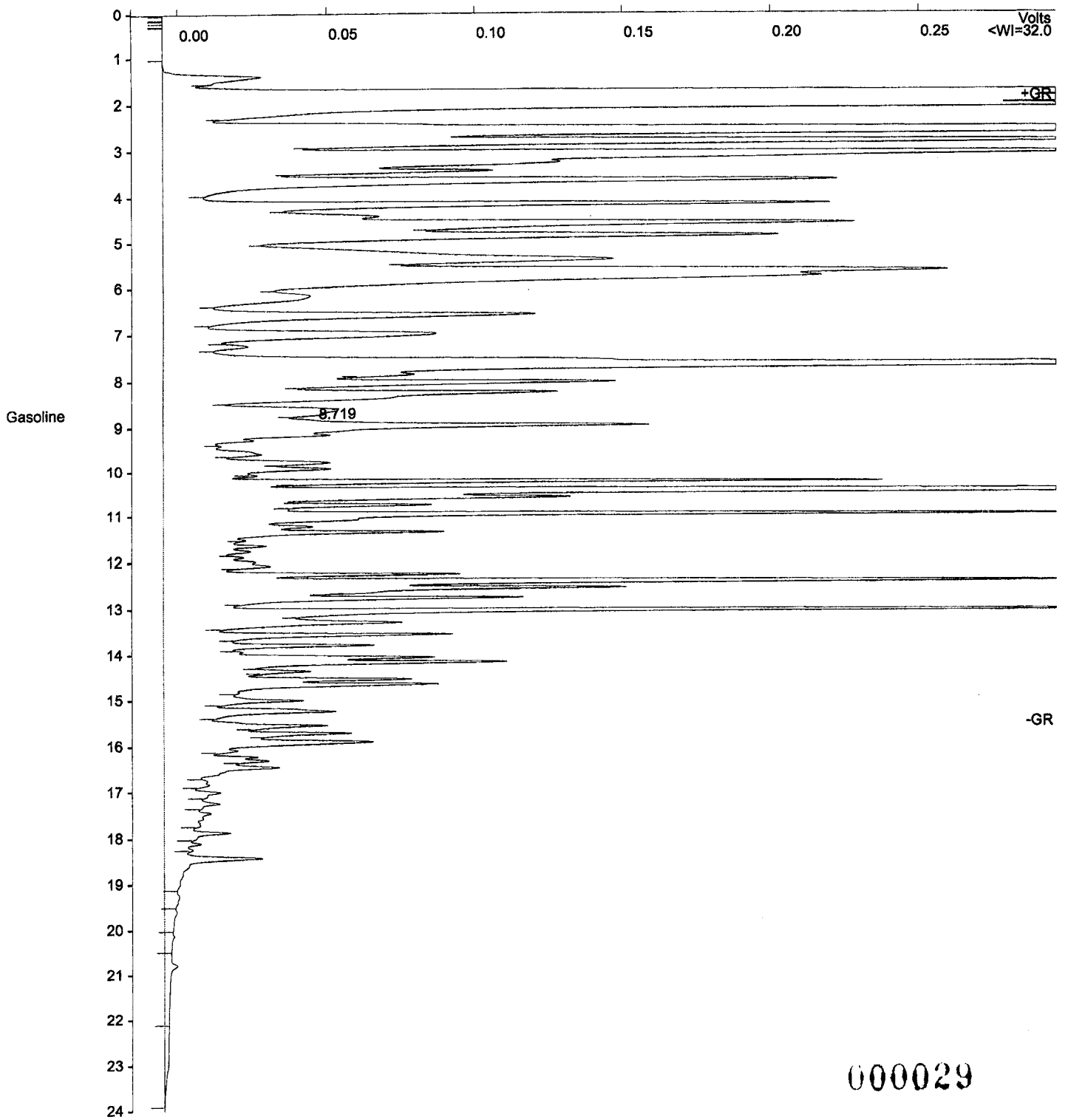
Injection Date: 11/28/02 12:01 AM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000029

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/28/02 12:01 AM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.8407	8.719	0.001	8036580	GR	0.0	
	Totals:	4.8407		0.001	8036580			

Total Unidentified Counts : 918385 counts

Detected Peaks: 64 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -5039 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

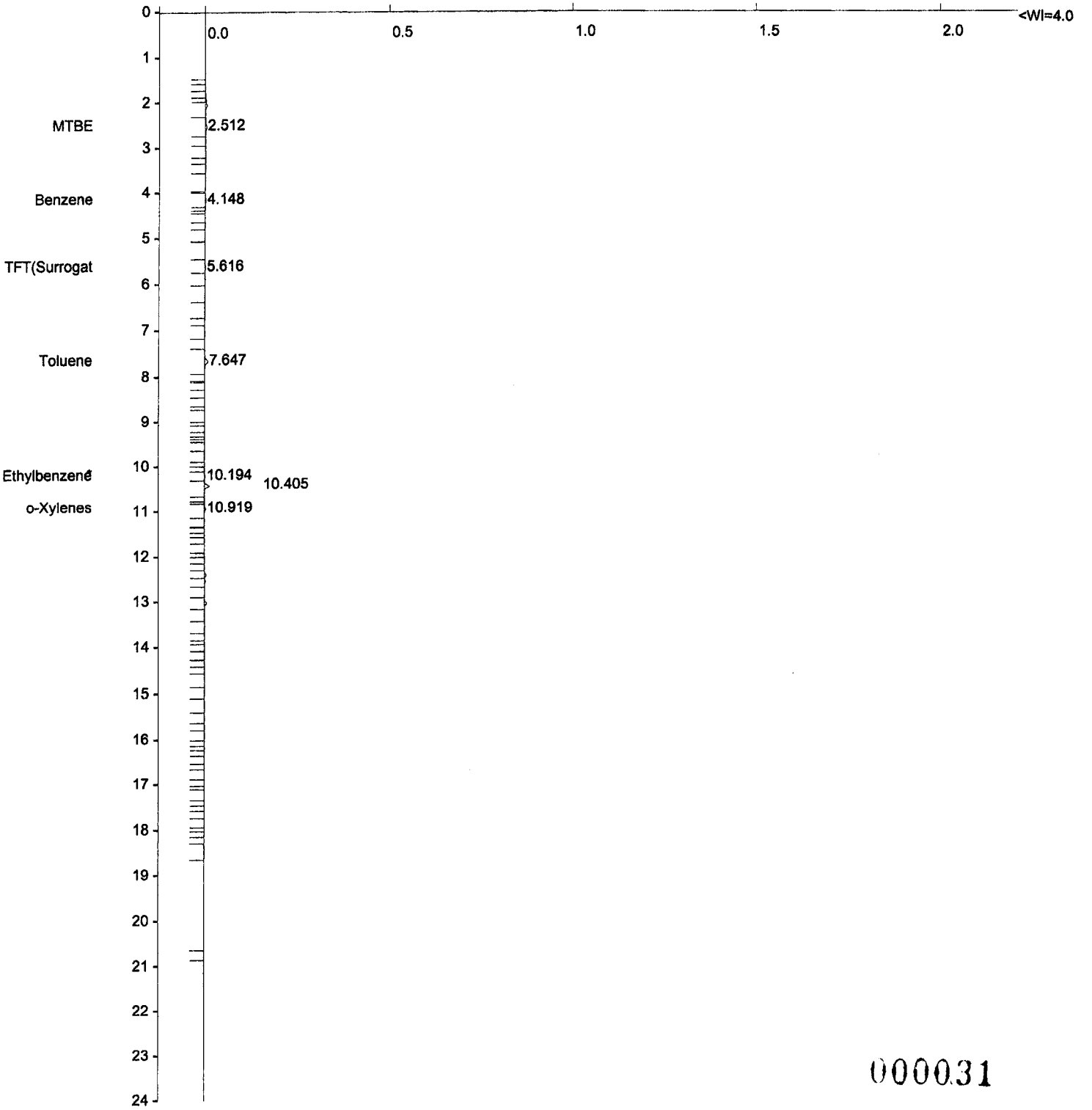
Injection Date: 11/28/02 12:01 AM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/28/02 12:01 AM Calculation Date: 12/2/02 8:43 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.512	-0.015	3346	VV	7.2	
2	Benzene	0.0000	4.148	-0.026	1304	BV	5.8	
3	TFT(Surrogat	0.2671	5.616	0.026	1497	VV	9.7	C
4	Toluene	0.0000	7.647	-0.011	6468	BB	5.3	
5	Ethylbenzene	0.0000	10.194	-0.016	1263	PV	4.1	
6	p,m-Xylenes	0.0000	10.405	-0.005	6739	VV	0.0	
7	o-Xylenes	0.0000	10.919	-0.016	2070	VB	4.0	
	Totals:	0.2671		-0.063	22687			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 15513 counts

Detected Peaks: 81 Rejected Peaks: 65 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-823-5.0

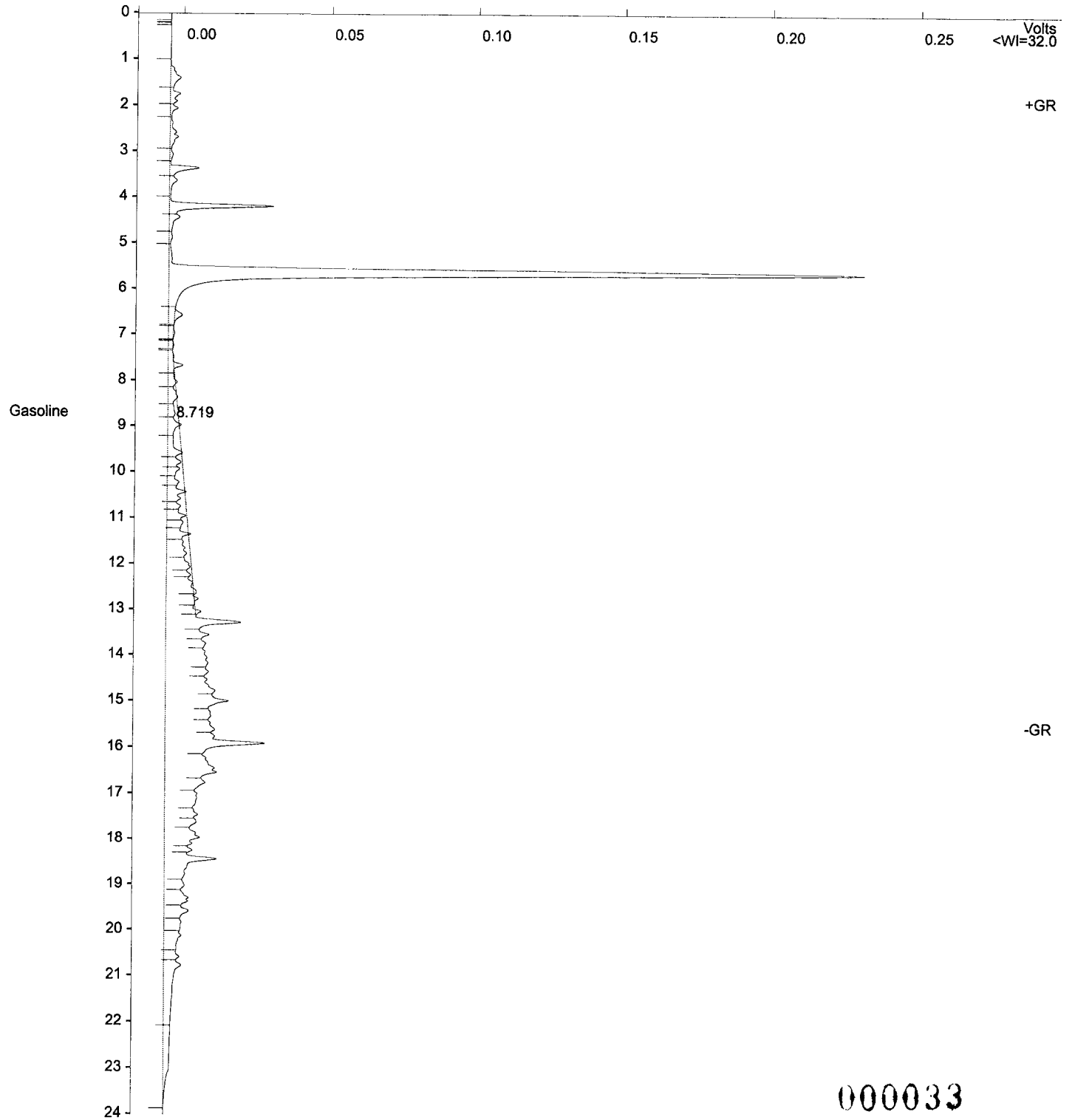
Injection Date: 11/28/02 2:00 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-823-5.0

Injection Date: 11/28/02 2:00 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3851	8.719	0.001	639337	GR	0.0	
	Totals:	0.3851		0.001	639337			

Total Unidentified Counts : 357035 counts

Detected Peaks: 63 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4449 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-823-5.0

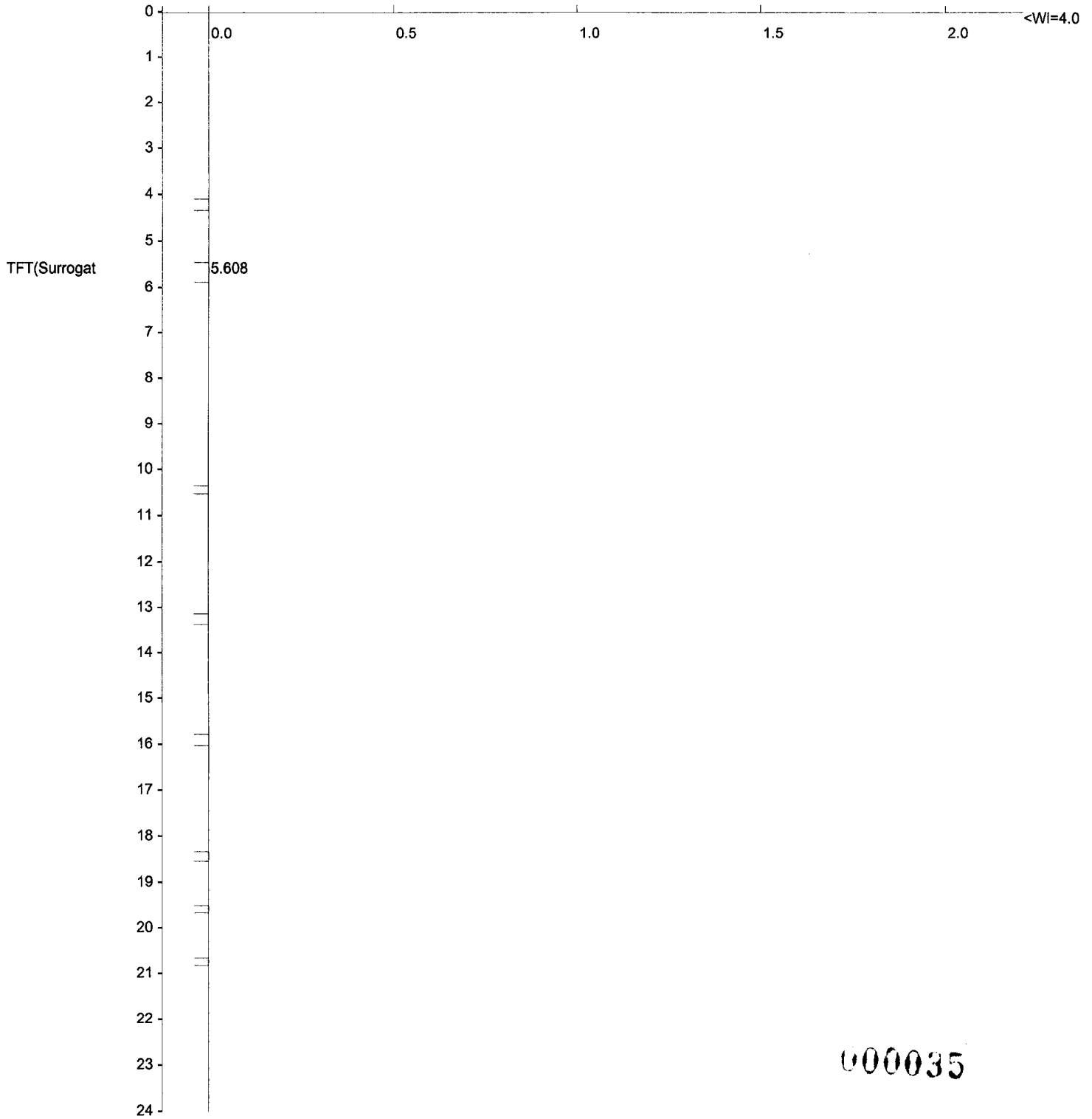
Injection Date: 11/28/02 2:00 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000035

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1003.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-823-5.0

Injection Date: 11/28/02 2:00 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2191	5.608	0.017	1228	BB	7.7	
	Totals:	0.2191		0.017	1228			

Total Unidentified Counts : 0 counts

Detected Peaks: 8 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1004.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-824-5.0

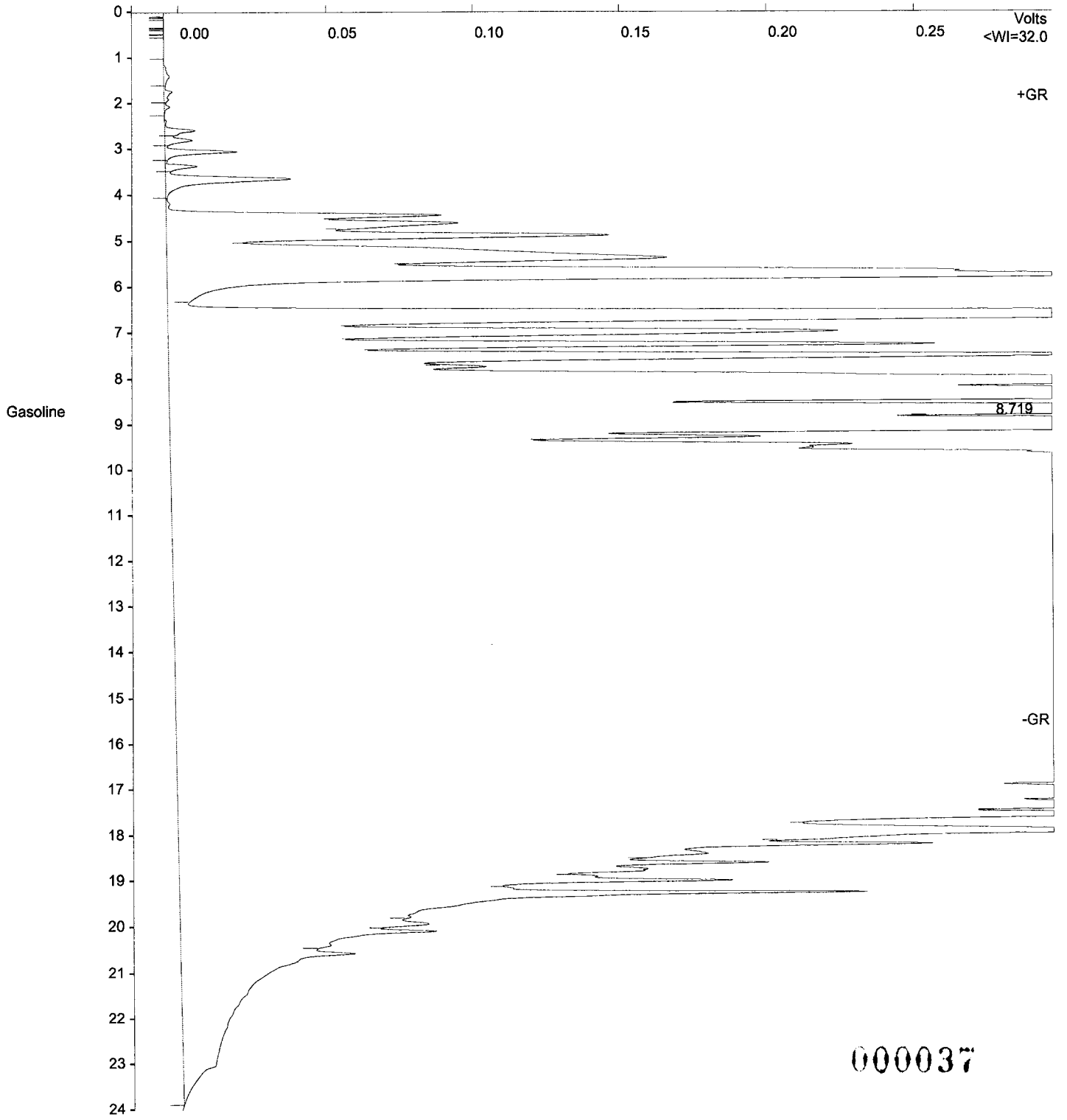
Injection Date: 11/28/02 2:39 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000037

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1004.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-824-5.0

Injection Date: 11/28/02 2:39 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	35.4316	8.719	0.001	58824004	GR	0.0	C
	Totals:	35.4316		0.001	58824004			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 9670867 counts

Detected Peaks: 64 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4809 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1004.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-824-5.0

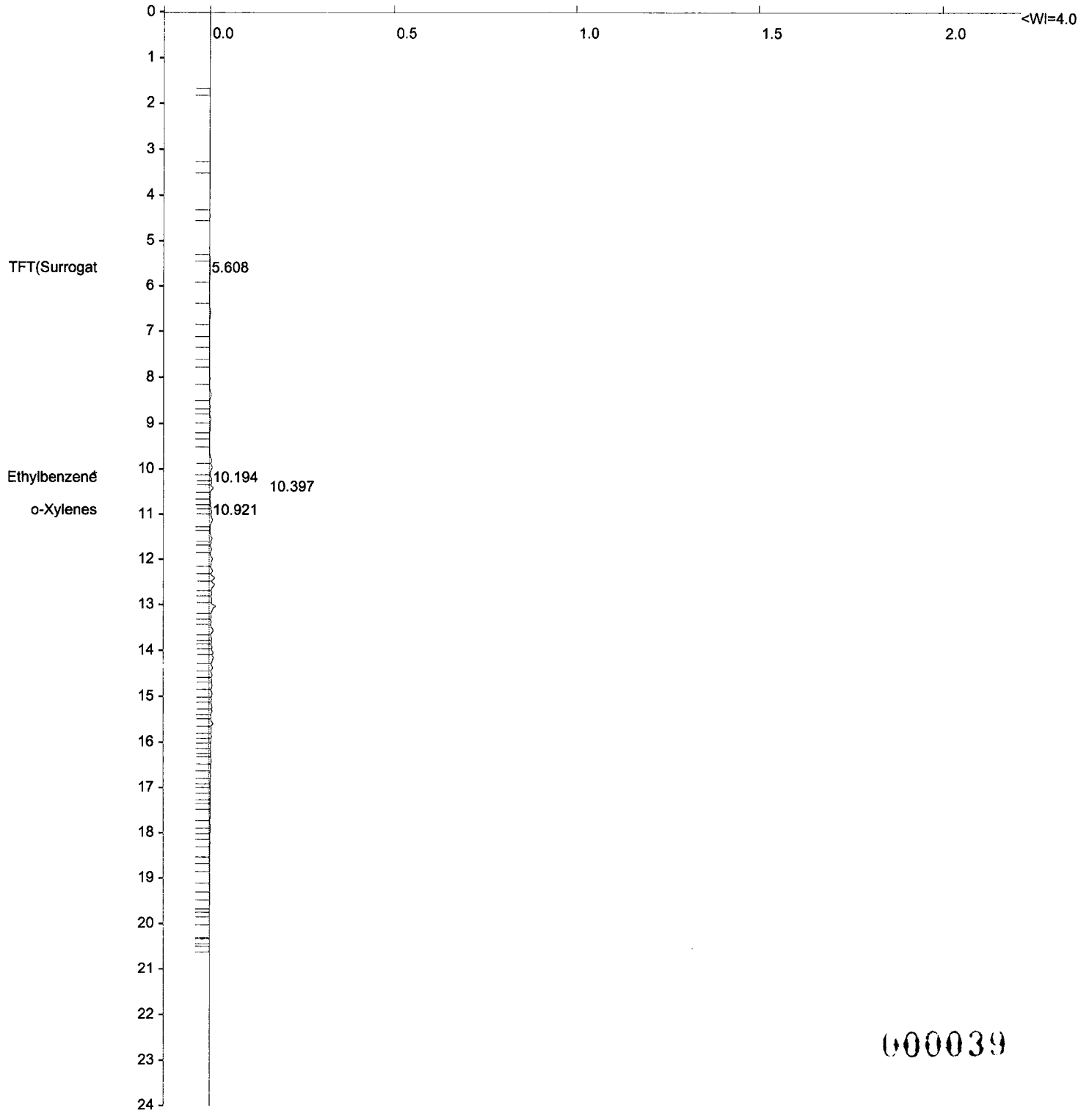
Injection Date: 11/28/02 2:39 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1004.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-824-5.0

Injection Date: 11/28/02 2:39 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2225	5.608	0.018	1247	VB	7.6	C
2	Ethylbenzene	0.0000	10.194	-0.016	2920	VV	5.1	
3	p,m-Xylenes	0.0000	10.397	-0.013	5657	VV	5.6	
4	o-Xylenes	0.0000	10.921	-0.014	2939	VV	0.0	
	Totals:	0.2225		-0.025	12763			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 247098 counts

Detected Peaks: 90 Rejected Peaks: 21 Identified Peaks: 4

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -59 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1005.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-825-5.0

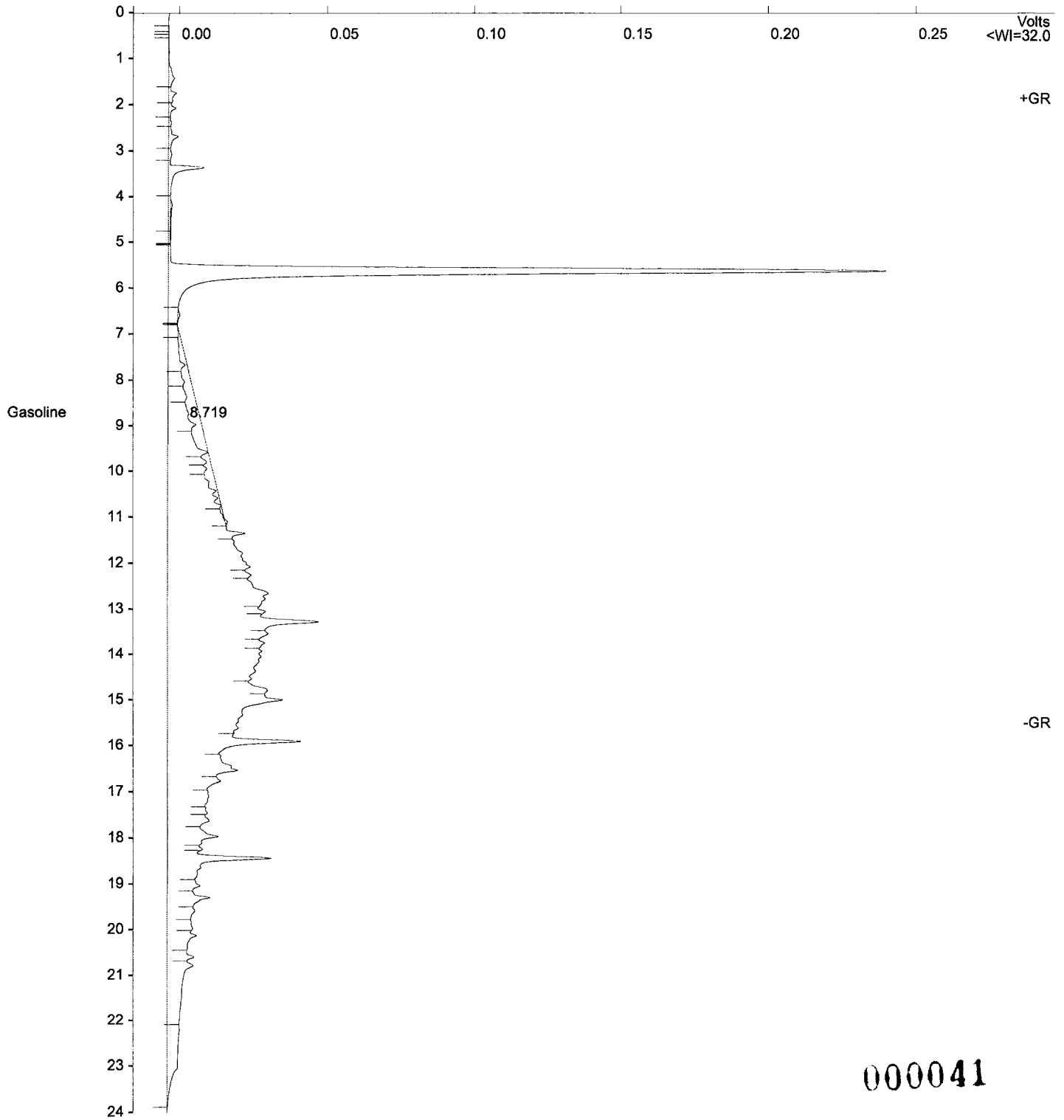
Injection Date: 11/28/02 3:19 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1005.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-825-5.0

Injection Date: 11/28/02 3:19 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.7873	8.719	0.001	1307084	GR	0.0	
	Totals:	0.7873		0.001	1307084			

Total Unidentified Counts : 469172 counts

Detected Peaks: 51 Rejected Peaks: 2 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -3369 microVolts

Noise (used): 80 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1005.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-825-5.0

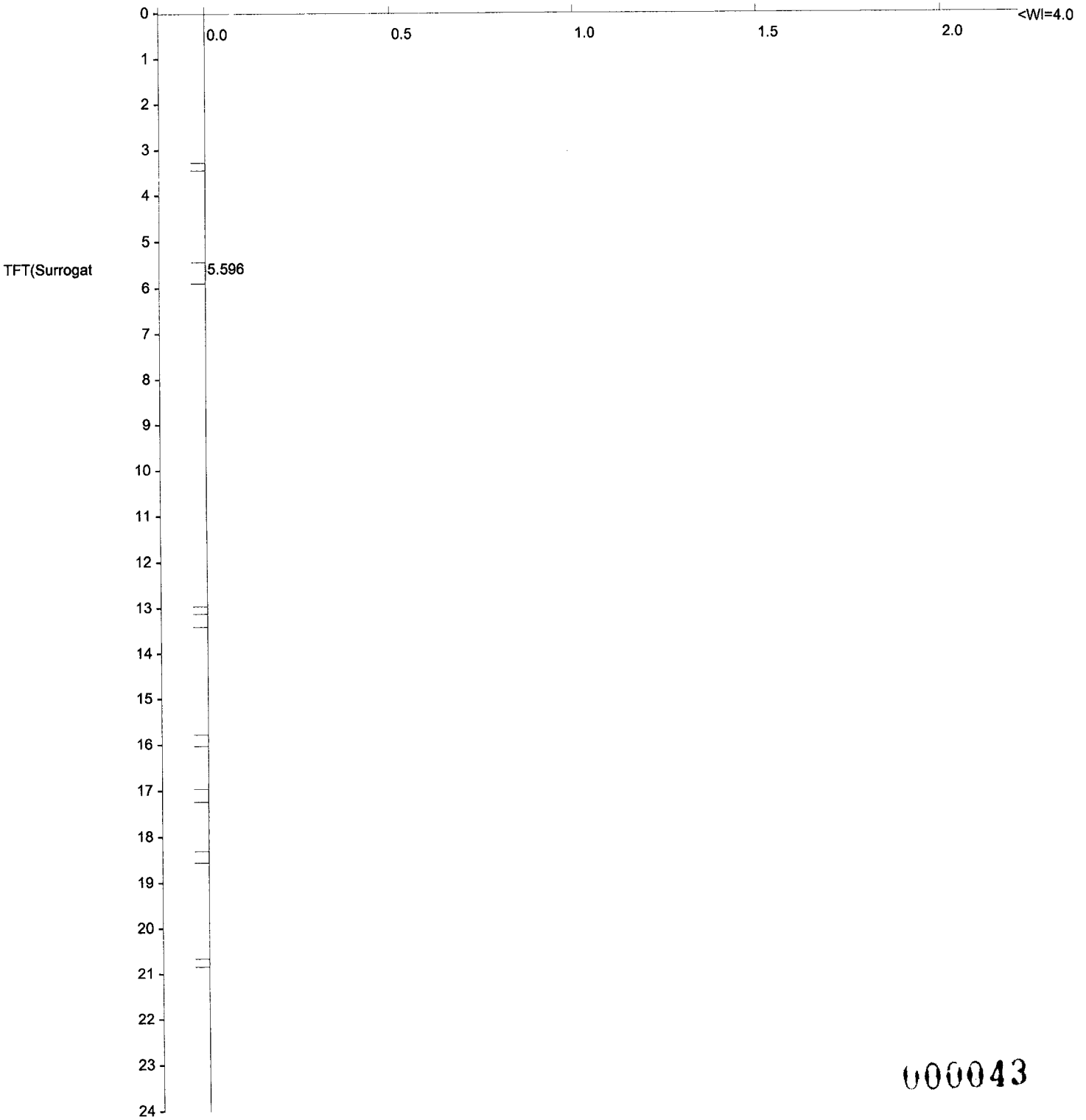
Injection Date: 11/28/02 3:19 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000043

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1005.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-825-5.0

Injection Date: 11/28/02 3:19 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2315	5.596	0.006	1298	BB	7.8	C
	Totals:	0.2315		0.006	1298			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 8 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-826-5.0

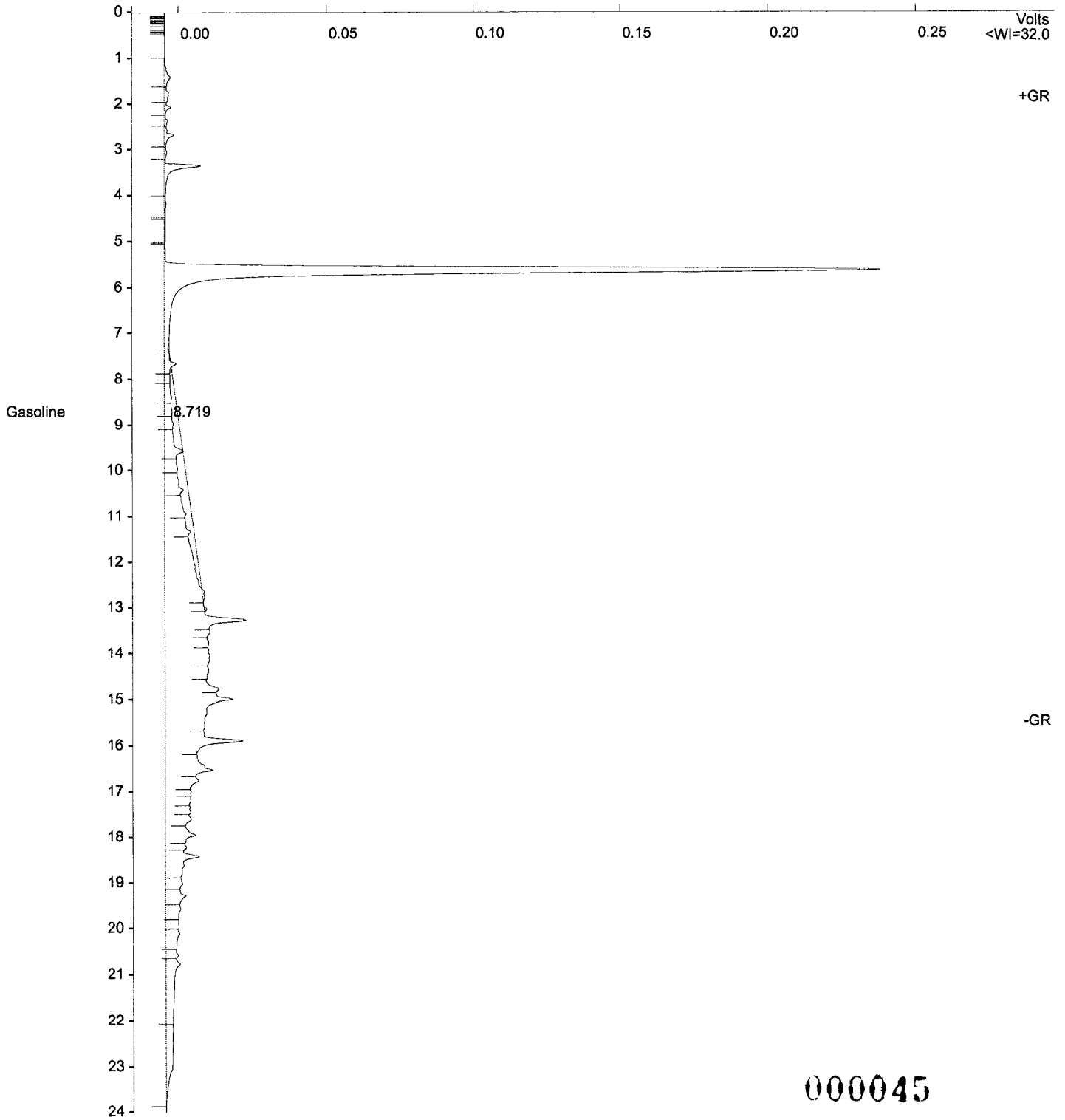
Injection Date: 11/28/02 3:58 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-826-5.0

Injection Date: 11/28/02 3:58 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.4244	8.719	0.001	704528	GR	0.0	
	Totals:	0.4244		0.001	704528			

Total Unidentified Counts : 274143 counts

Detected Peaks: 59 Rejected Peaks: 12 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4559 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-826-5.0

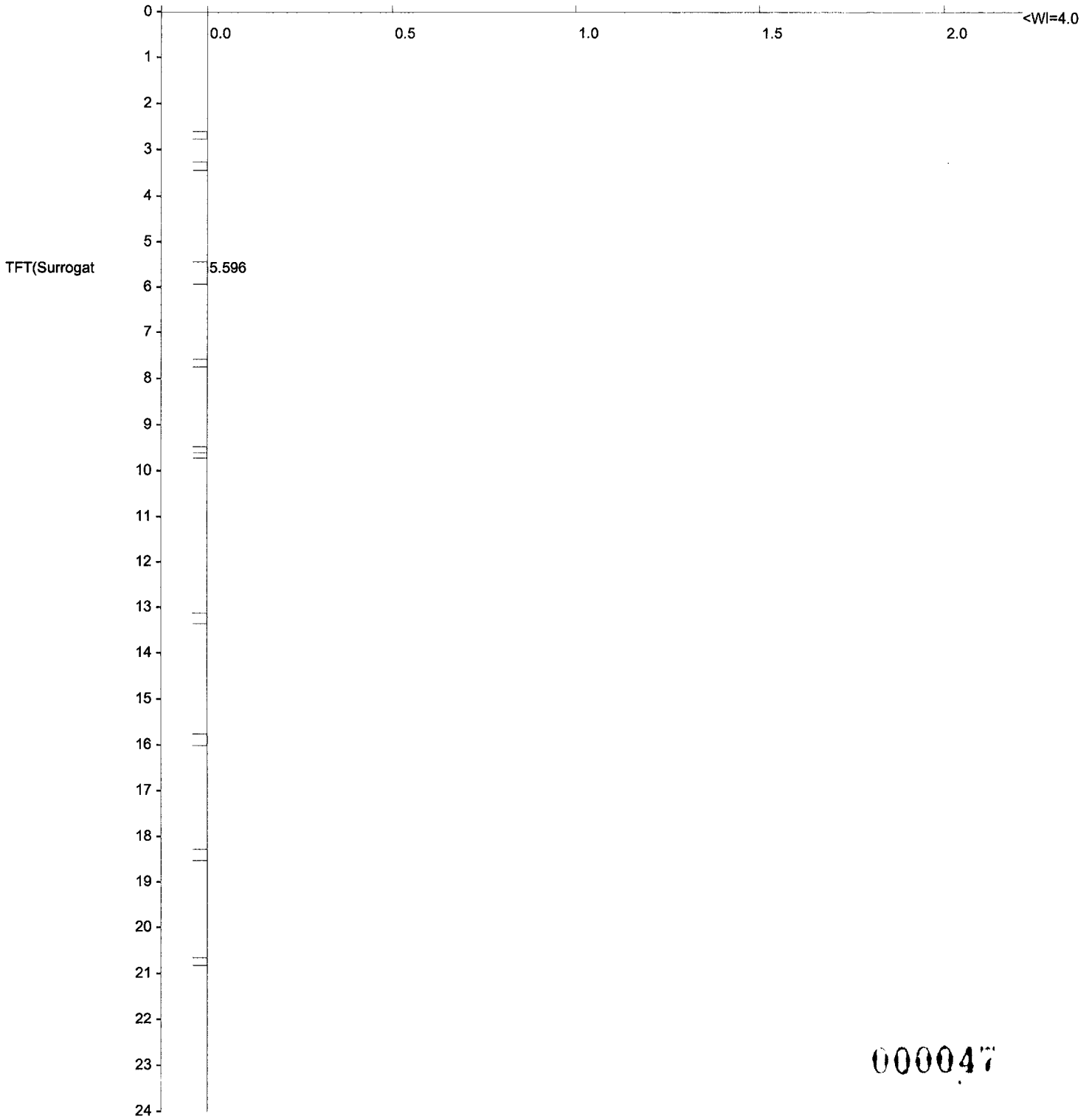
Injection Date: 11/28/02 3:58 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000047

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1006.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-826-5.0

Injection Date: 11/28/02 3:58 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2349	5.596	0.006	1317	BB	7.6	C
	Totals:	0.2349		0.006	1317			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 10 Rejected Peaks: 9 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -99 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-827-5.0

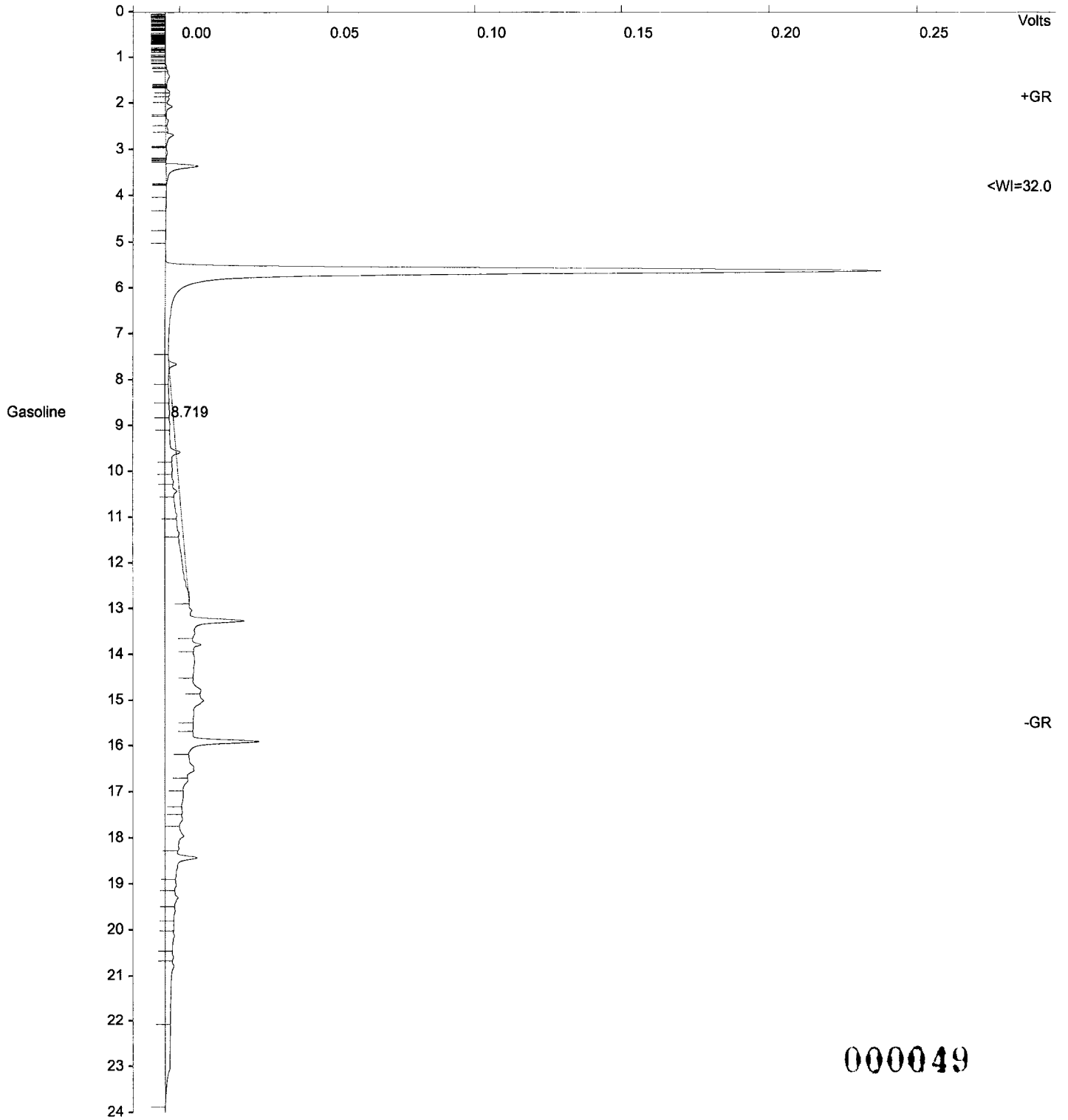
Injection Date: 11/28/02 4:38 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-827-5.0

Injection Date: 11/28/02 4:38 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3280	8.719	0.001	544579	GR	0.0	
	Totals:	0.3280		0.001	544579			

Total Unidentified Counts : 199493 counts

Detected Peaks: 103 Rejected Peaks: 51 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4799 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-827-5.0

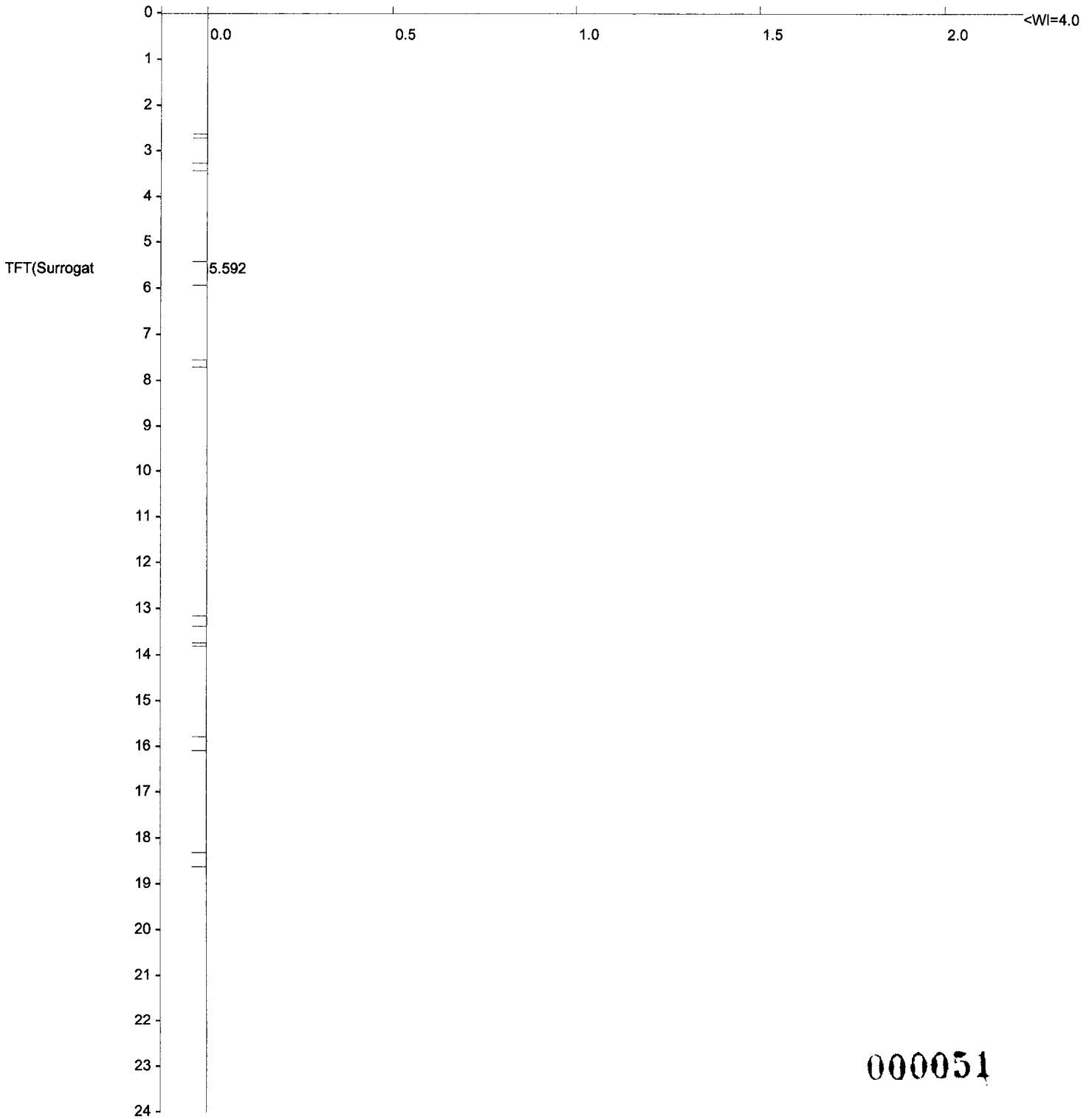
Injection Date: 11/28/02 4:38 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000051

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1007.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-827-5.0

Injection Date: 11/28/02 4:38 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2381	5.592	0.002	1335	BB	7.7	C
	Totals:	0.2381		0.002	1335			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 8 Rejected Peaks: 7 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

[redacted]

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-828-5.0

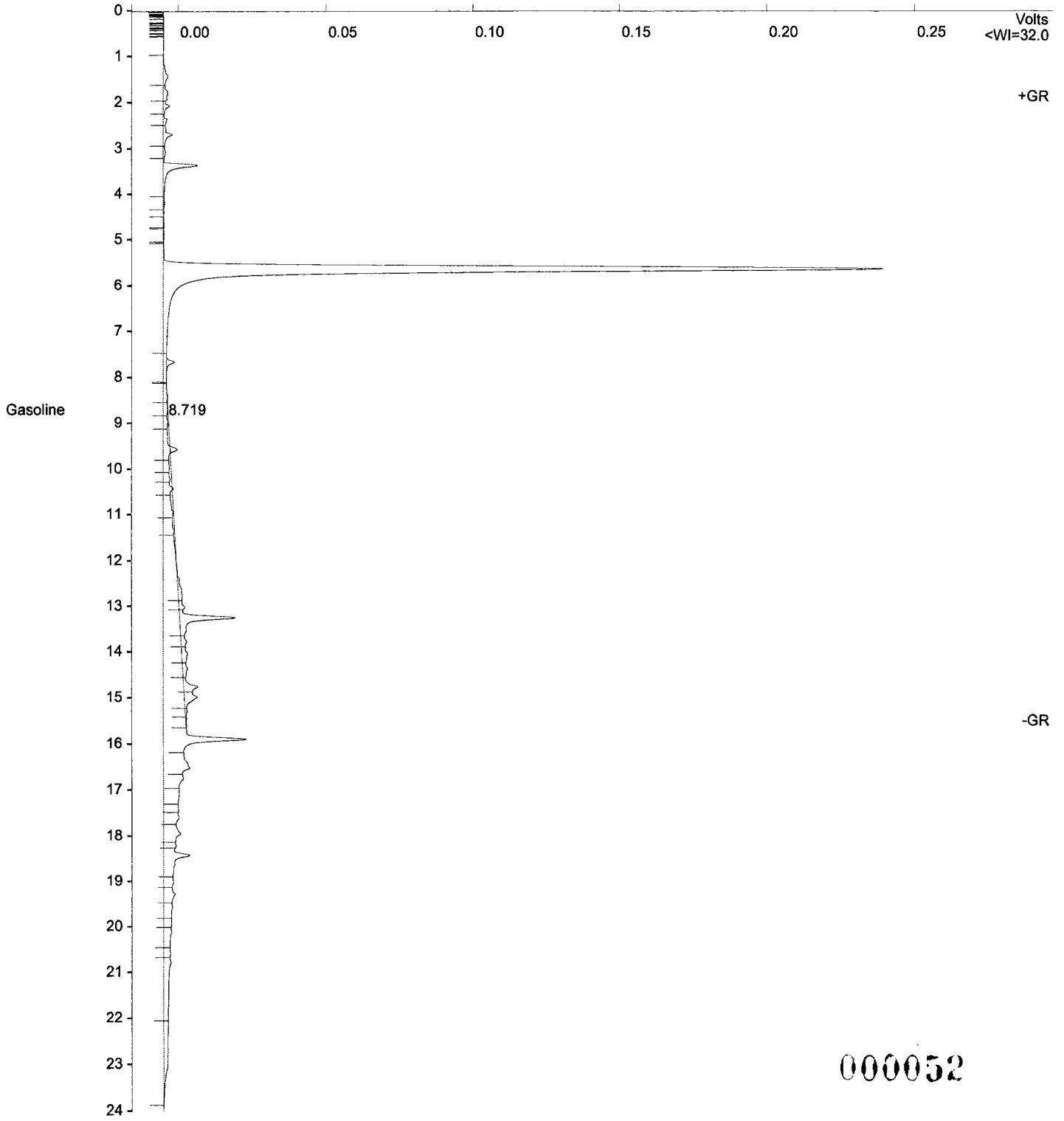
Injection Date: 11/28/02 5:17 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000052

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-828-5.0

Injection Date: 11/28/02 5:17 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2953	8.719	0.001	490284	GR	0.0	
	Totals:	0.2953		0.001	490284			

Total Unidentified Counts : 176647 counts

Detected Peaks: 64 Rejected Peaks: 17 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4879 microVolts

Noise (used): 40 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-828-5.0

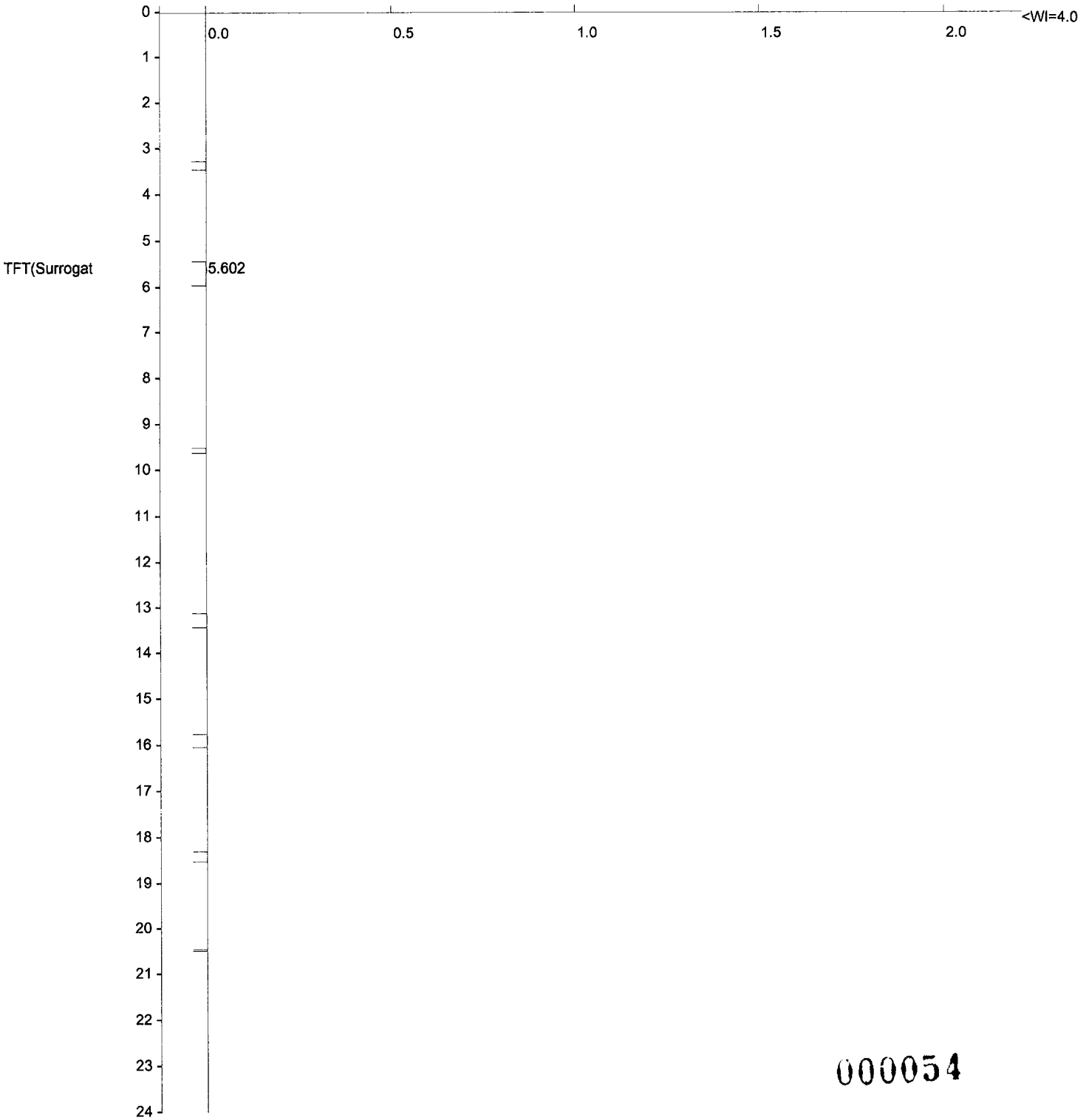
Injection Date: 11/28/02 5:17 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000054

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1008.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-828-5.0

Injection Date: 11/28/02 5:17 AM Calculation Date: 12/2/02 8:44 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2343	5.602	0.012	1313	BB	7.5	C
	Totals:	0.2343		0.012	1313			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 7 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -59 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-829-5.0

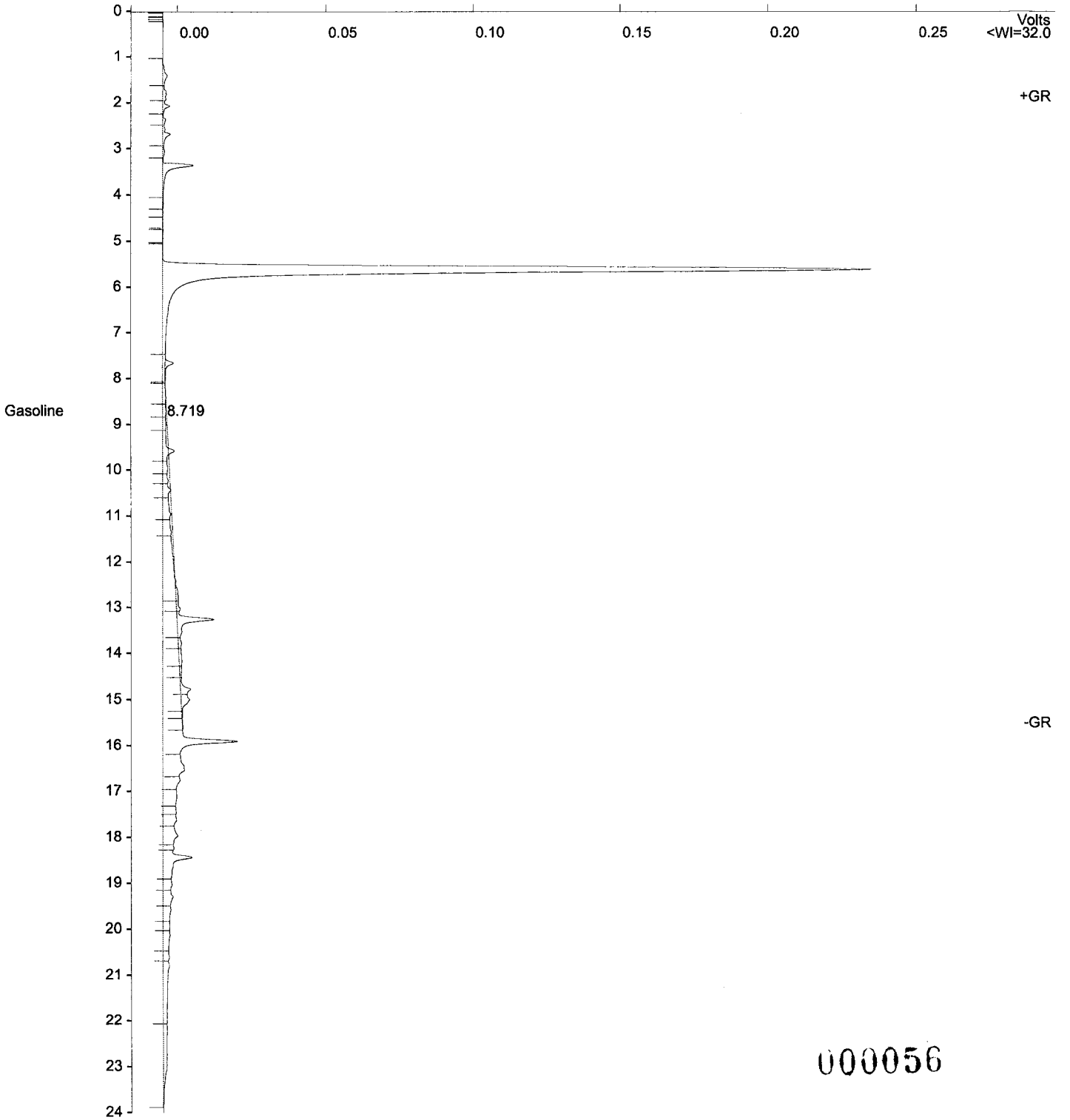
Injection Date: 11/28/02 5:57 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000056

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-829-5.0

Injection Date: 11/28/02 5:57 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2688	8.719	0.001	446319	GR	0.0	
	Totals:	0.2688		0.001	446319			

Total Unidentified Counts : 156959 counts

Detected Peaks: 53 Rejected Peaks: 6 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4939 microVolts

Noise (used): 60 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-829-5.0

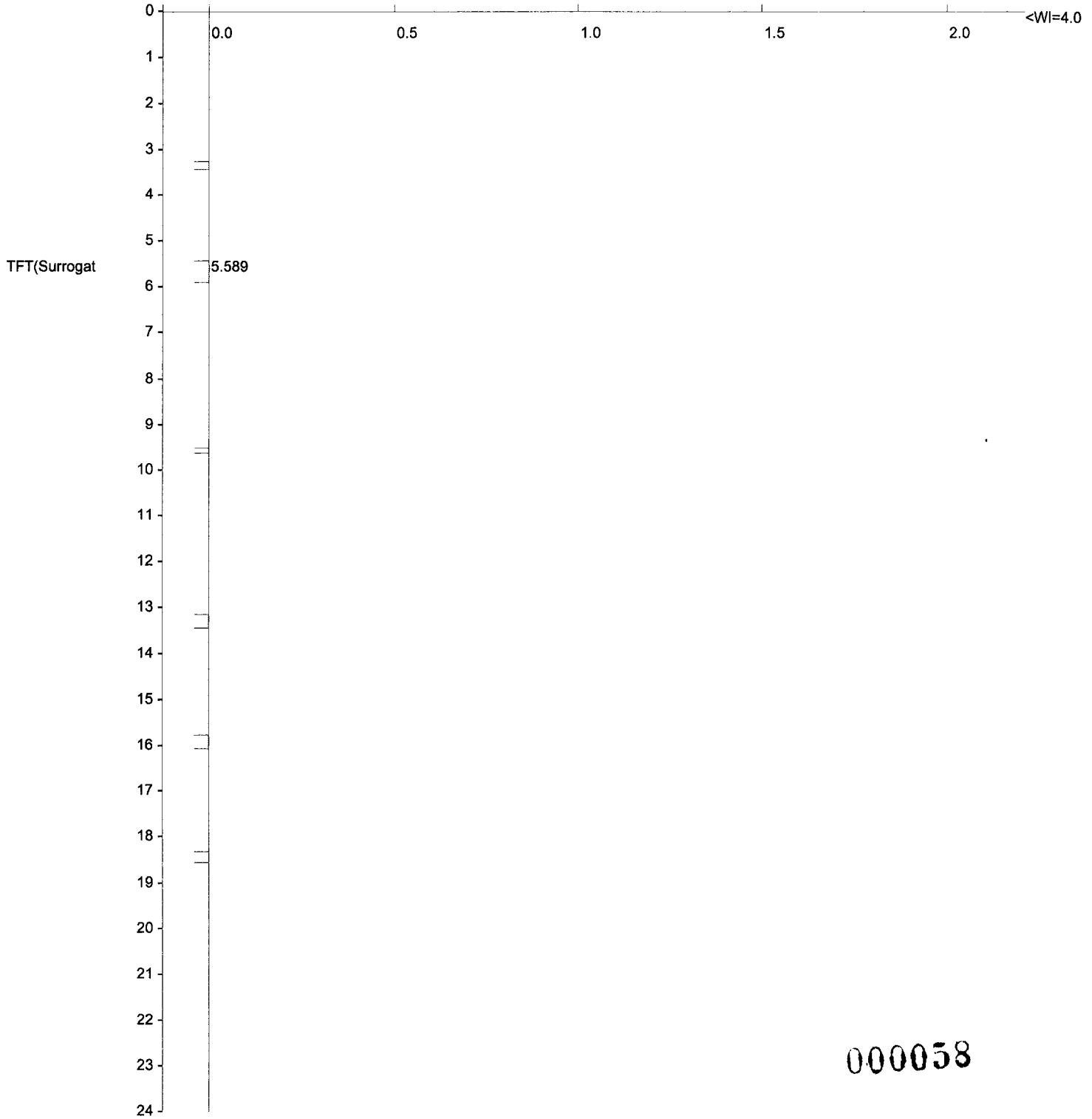
Injection Date: 11/28/02 5:57 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000058

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1009.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : 102766-829-5.0

Injection Date: 11/28/02 5:57 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2278	5.589	-0.001	1277	BB	7.7	C
	Totals:	0.2278		-0.001	1277			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 0 counts

Detected Peaks: 6 Rejected Peaks: 5 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

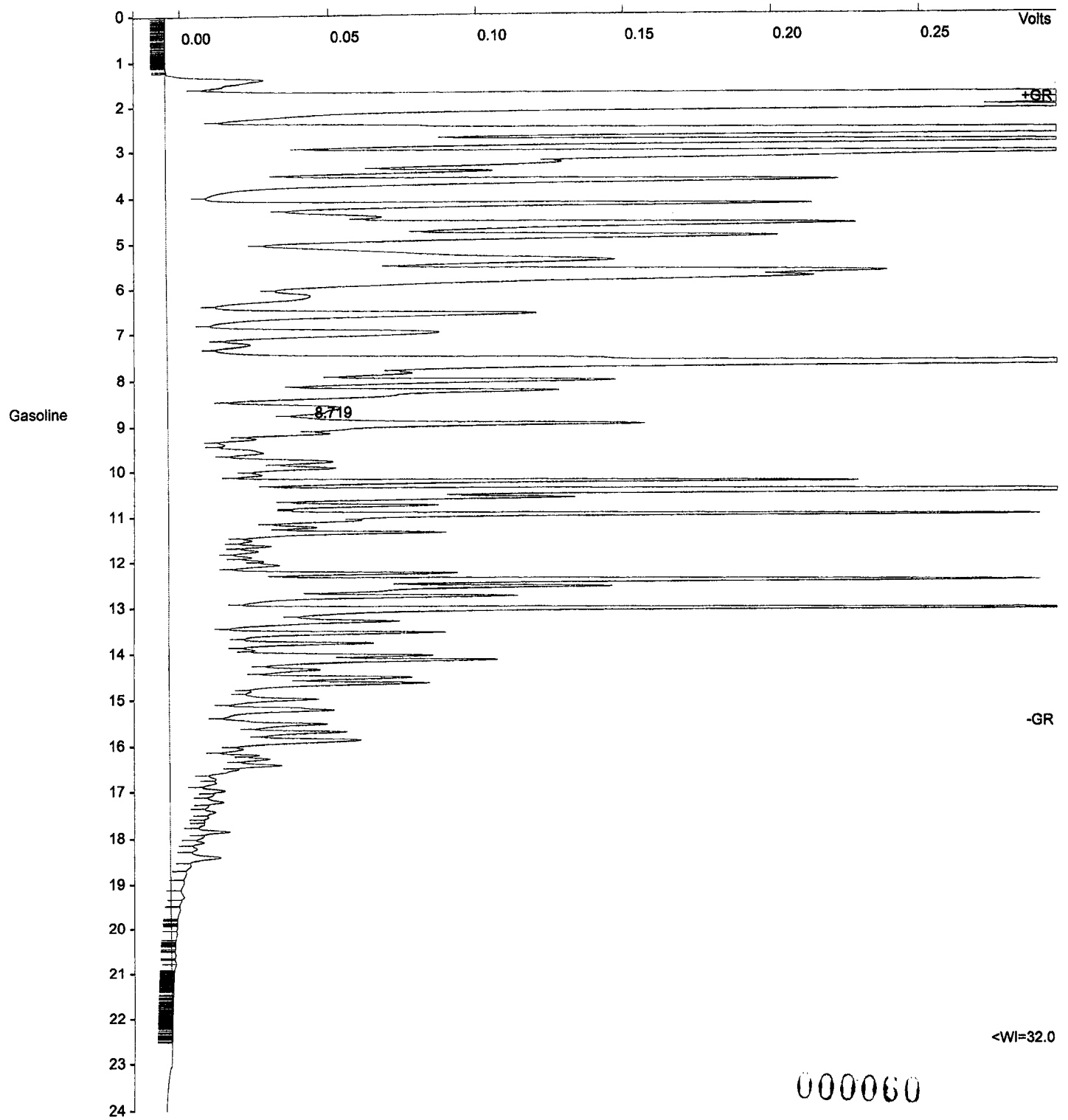
Injection Date: 11/28/02 7:15 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 128 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000060

Title : Gasoline by FID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/28/02 7:15 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.7627	8.719	0.001	7907174	GR	0.0	
	Totals:	4.7627		0.001	7907174			

Total Unidentified Counts : 862327 counts

Detected Peaks: 233 Rejected Peaks: 135 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4959 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

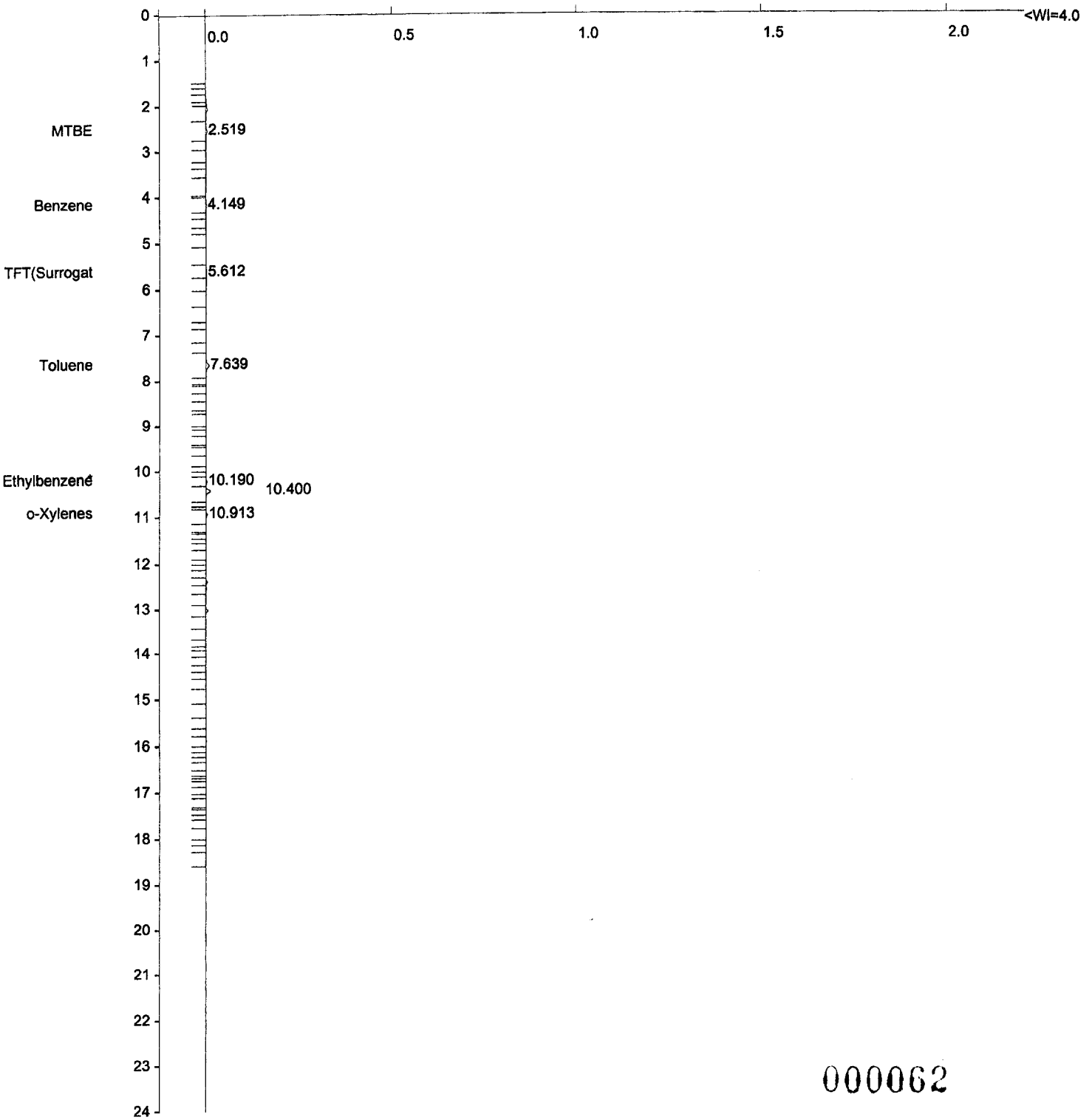
Injection Date: 11/28/02 7:15 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1024 Zero Offset = 5%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



Title : BTEX/MTBE BY PID
Run File : c:\star\module18\2002data\nov02\g5-11-28-02-1011.run
Method File : C:\Star\module18\method\gbtx1113.mth
Sample ID : gccv-gw142

Injection Date: 11/28/02 7:15 AM Calculation Date: 12/2/02 8:45 AM

Operator :
Workstation:
Instrument : Varian Star #4
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MTBE	0.0000	2.519	-0.008	3068	VV	7.2	
2	Benzene	0.0000	4.149	-0.025	1242	BV	5.8	
3	TFT(Surrogat	0.2390	5.612	0.022	1340	VV	10.2	C
4	Toluene	0.0000	7.639	-0.019	6121	BB	5.3	
5	Ethylbenzene	0.0000	10.190	-0.020	1185	VV	4.1	
6	p,m-Xylenes	0.0000	10.400	-0.010	6164	VV	0.0	
7	o-Xylenes	0.0000	10.913	-0.022	1907	VB	3.9	
	Totals:	0.2390		-0.082	21027			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 14439 counts

Detected Peaks: 80 Rejected Peaks: 64 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1005.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102766-824-2.5 R

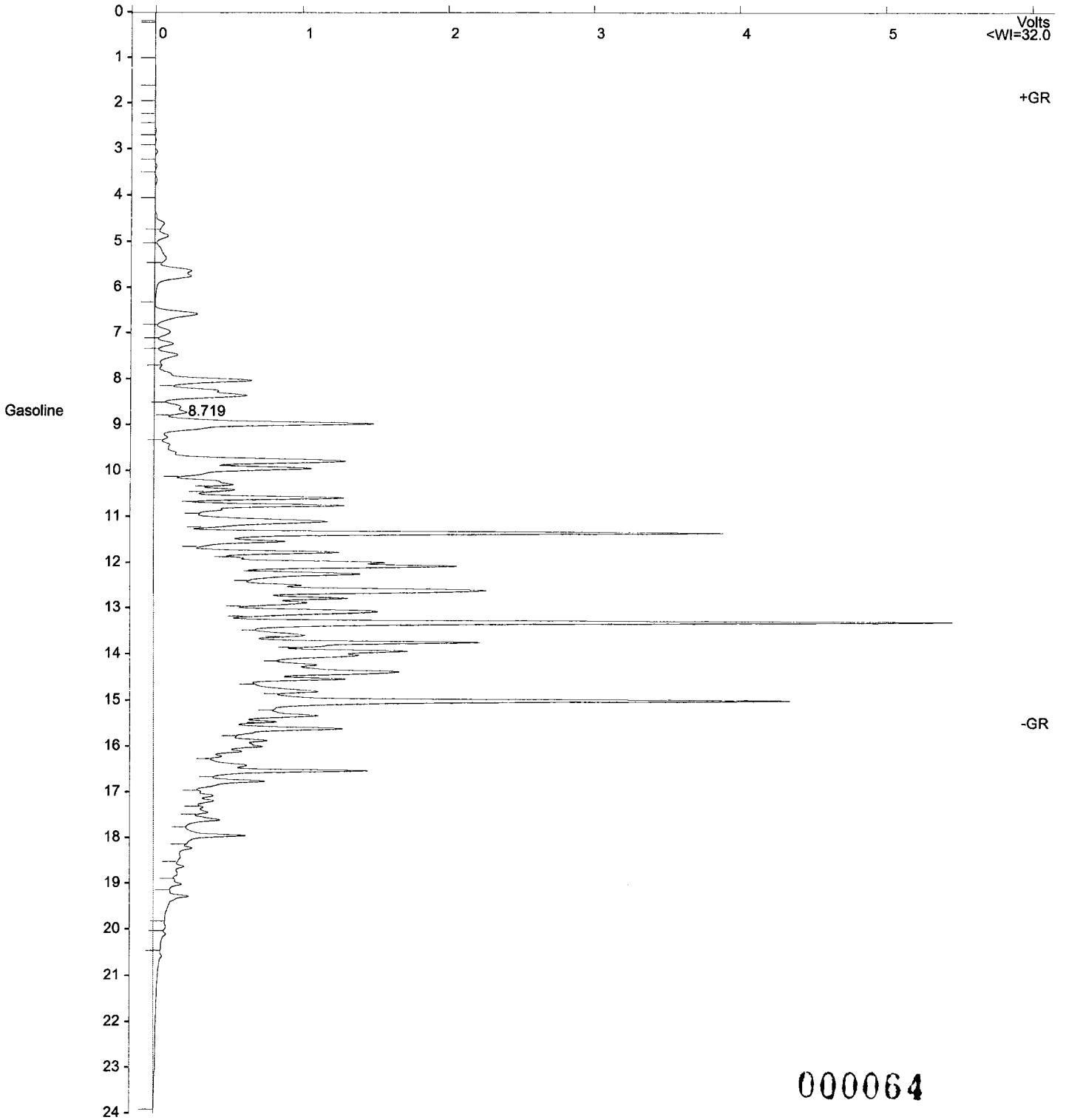
Injection Date: 12/2/02 1:00 PM Calculation Date: 12/2/02 1:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 2585 Zero Offset = 2%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000064

Title :
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1005.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102766-824-2.5 R

Injection Date: 12/2/02 1:00 PM Calculation Date: 12/2/02 1:38 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	23.9129	8.719	0.001	39700512	GR	0.0	C
	Totals:	23.9129		0.001	39700512			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 9859870 counts

Detected Peaks: 59 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: X 2 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4639 microVolts

Noise (used): 70 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title :
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1005.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102766-824-2.5 R

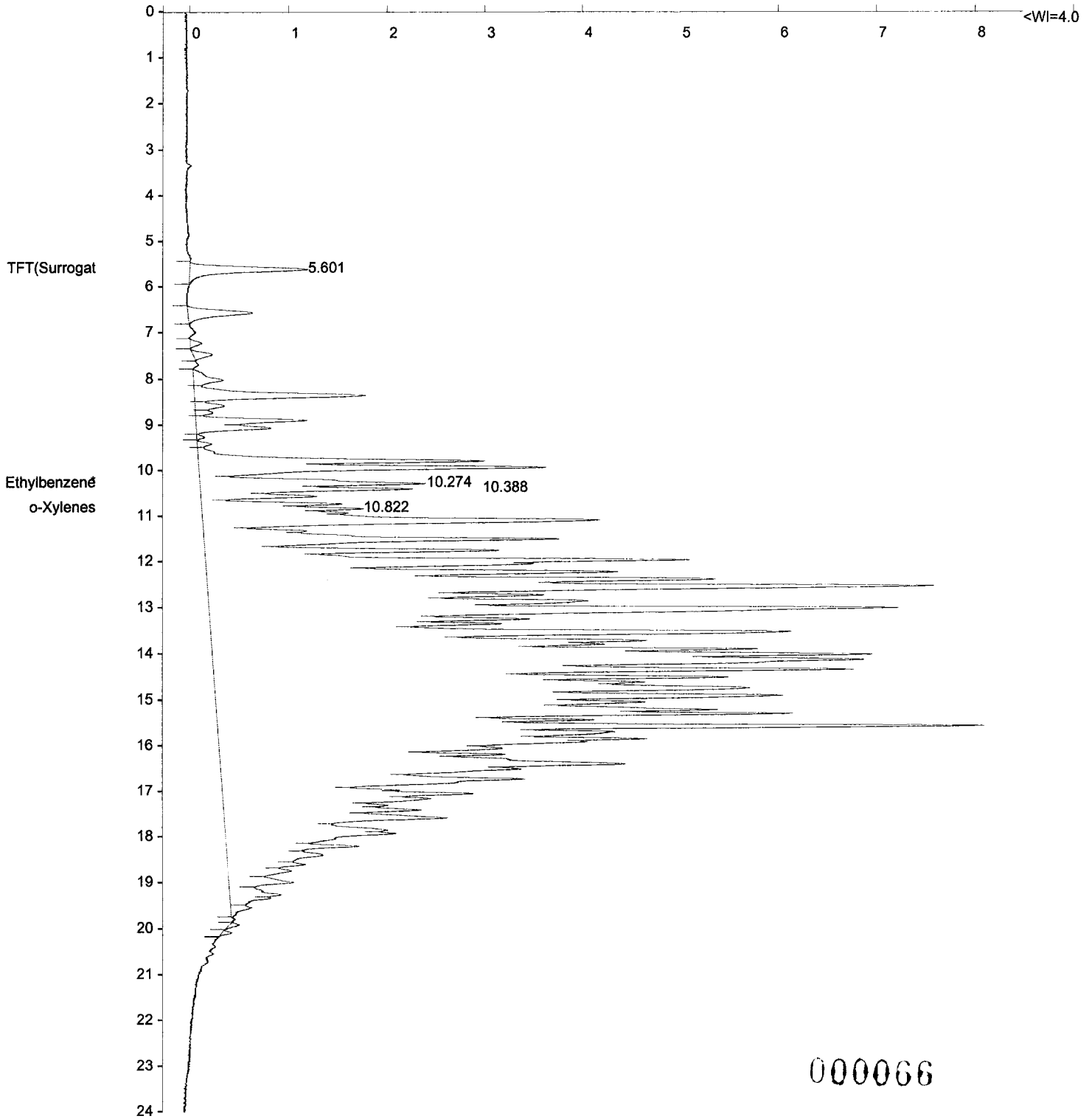
Injection Date: 12/2/02 1:00 PM Calculation Date: 12/2/02 1:36 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 3 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000066

Title :
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1005.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102766-824-2.5 R

Injection Date: 12/2/02 1:00 PM Calculation Date: 12/2/02 1:36 PM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.2013	5.601	0.002	1015	BB	7.5	
2	Ethylbenzene	0.0000	10.274	0.064	1815	VV	12.3	
3	p,m-Xylenes	0.0000	10.388	-0.022	1299	VV	7.1	
4	o-Xylenes	0.0000	10.822	-0.113	861	VV	0.0	
	Totals:	0.2013		-0.069	4990			

Total Unidentified Counts : 144356 counts

Detected Peaks: 76 Rejected Peaks: 24 Identified Peaks: 4

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -39 microVolts

Noise (used): 30 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1013.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102766-824-25df R

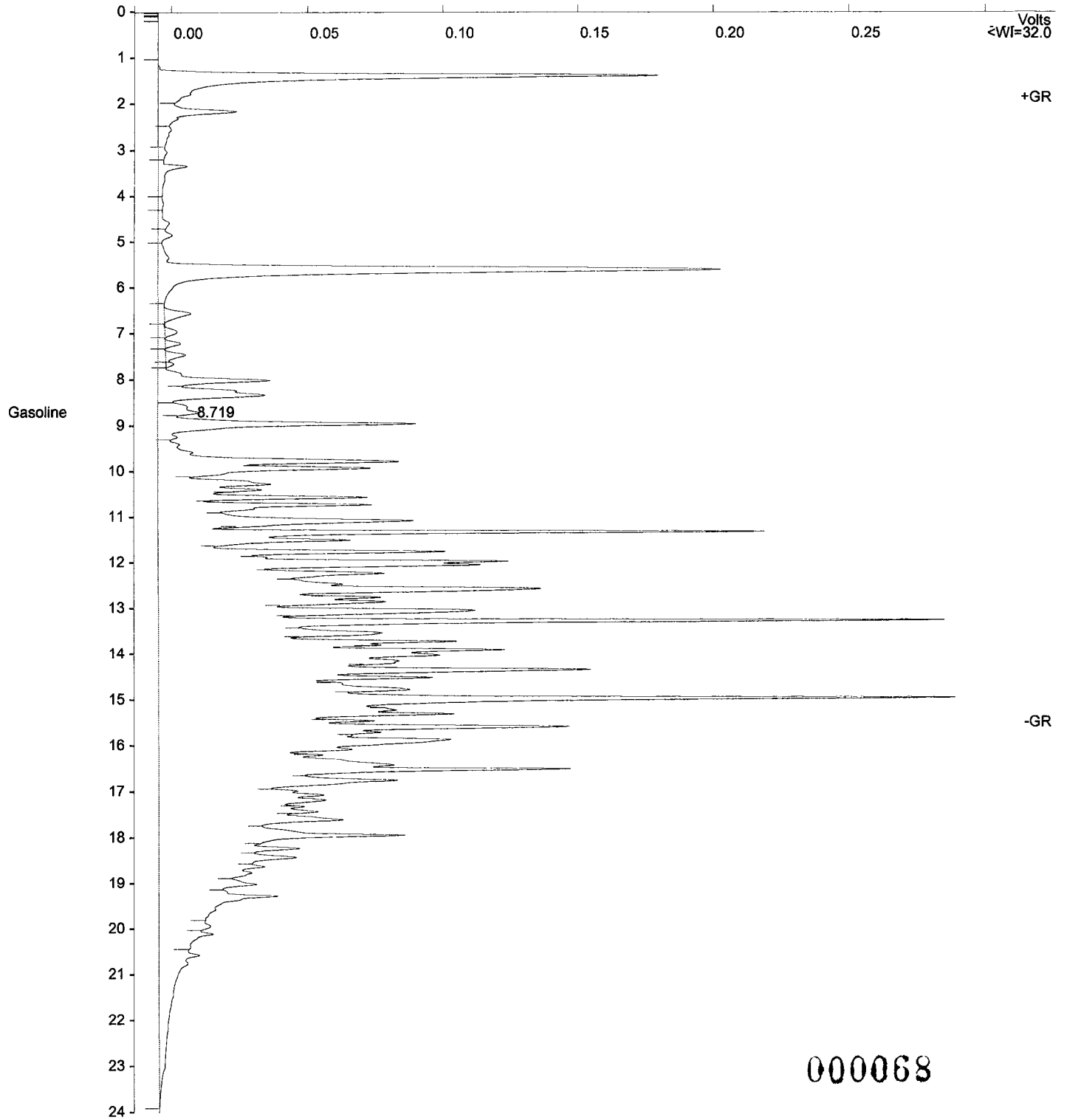
Injection Date: 12/2/02 6:16 PM Calculation Date: 12/3/02 9:18 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 139 Zero Offset = 3%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000068

Title :
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1013.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102766-824-25df R

Injection Date: 12/2/02 6:16 PM Calculation Date: 12/3/02 9:18 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : B = FID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	1.8400	8.719	0.001	3054869	GR	0.0	
	Totals:	1.8400		0.001	3054869			

Total Unidentified Counts : 1696090 counts

Detected Peaks: 59 Rejected Peaks: 4 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -4809 microVolts

Noise (used): 50 microVolts - monitored before this run

Manual injection

****

Title :
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1013.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102766-824-25df R

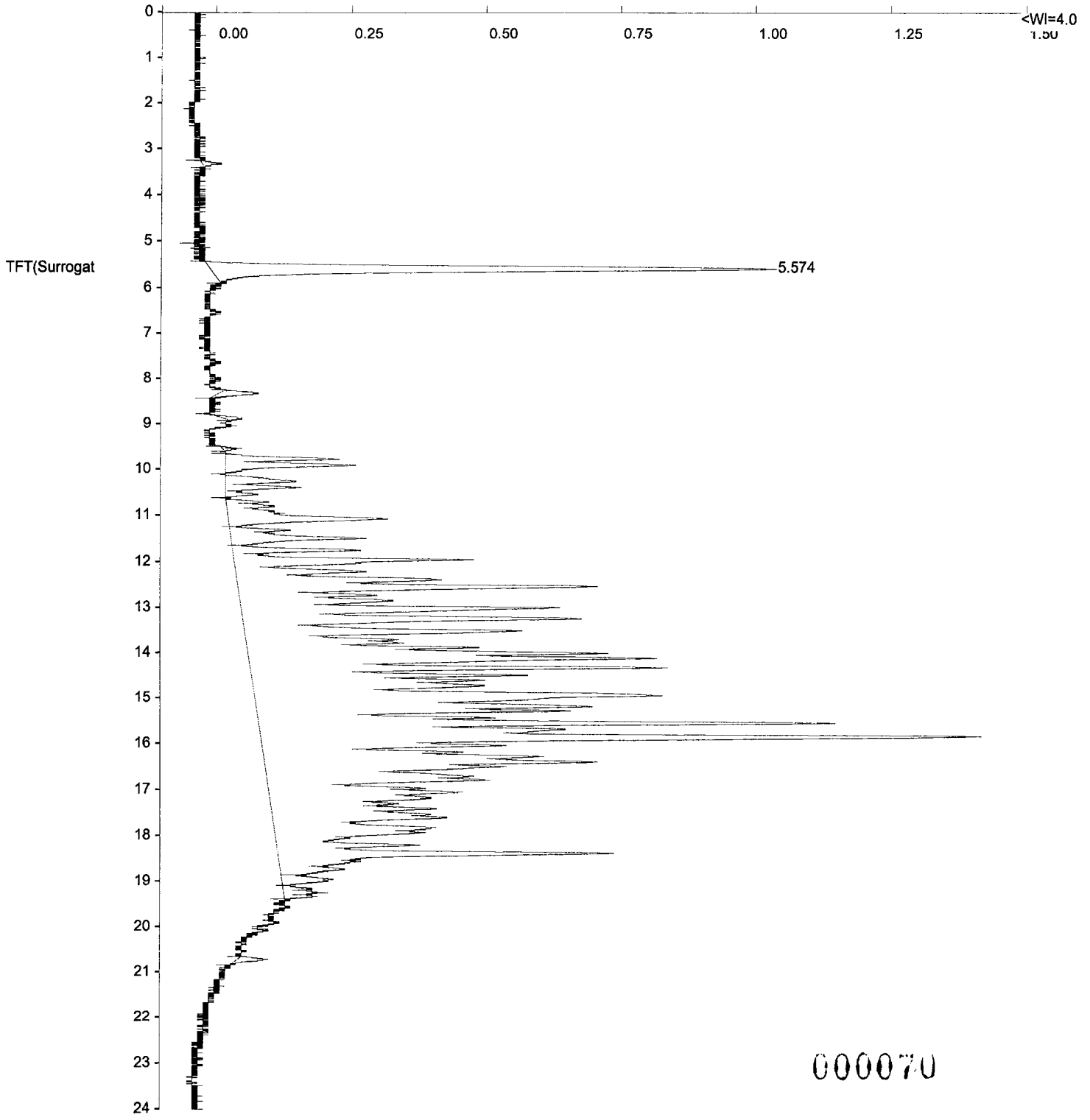
Injection Date: 12/2/02 6:16 PM Calculation Date: 12/3/02 9:19 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V

Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.82 cm/min Attenuation = 1 Zero Offset = 4%
Start Time = 0.000 min End Time = 24.002 min Min / Tick = 1.00



000070

Title :
Run File : c:\star\module18\2002data\dec02\g5-12-2-02-1013.run
Method File : c:\star\module18\method\gbtx1113.mth
Sample ID : 102766-824-25df R

Injection Date: 12/2/02 6:16 PM Calculation Date: 12/3/02 9:19 AM

Operator :
Workstation:
Instrument : Varian Star #2
Channel : A = PID 10V
Detector Type: ADCB (10 Volts)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 24.002 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result ()	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT(Surrogat	0.1749	5.574	-0.025	882	BB	7.6	
	Totals:	0.1749		-0.025	882			

Total Unidentified Counts : 1945 counts

Detected Peaks: 67 Rejected Peaks: 64 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 20 microVolts - monitored before this run

Manual injection

****

EPA 8015:

Carbon Chain I

33	102631-037-10-10	3	2	3.0	1	1
34	102789-902-10-10	3	3	3.0	1	1
35	102789-903-10-10	3	4	3.0	1	1
36	102789-905-10-10	3	5	3.0	1	1
37	102789-906-10-10	3	6	3.0	1	1
38	dccv-gw144	1	2	3.0	1	1
39	102806-075-5-10	4	1	3.0	2	1
40	102806-076-10-10	4	2	3.0	1	1
41	102806-077-10-10	4	3	3.0	1	1
42	102806-078-10-10	4	4	3.0	1	1
43	102812-193-10-10	4	5	3.0	1	1
44	102812-095-10-10	4	6	3.0	1	1
45	102812-094-10-10	4	7	3.0	1	1
46	102812-096-10-10	4	8	3.0	1	1
47	102810-088-10-10	1	10	3.0	1	1
48	dccv-gw144	1	1	3.0	1	1
49	goccv-gw145	1	2	3.0	1	1
50	mb1129-10-10	1	3	3.0	1	1
51	lcs1129-10-10	1	4	3.0	1	1
52	lcsd1129-10-10	1	5	3.0	1	1
53	102766-821-10-10	1	6	3.0	1	1
54	102766-822-10-10	1	7	3.0	1	1
55	102766-823-10-10	1	8	3.0	1	1
56	102766-824-10-10	1	9	3.0	1	1
57	102766-825-10-10	1	10	3.0	1	1
58	102766-826-10-10	1	11	3.0	1	1
59	102766-827-10-10	1	12	3.0	1	1
60	dccv-gw144	3	1	3.0	1	1
61	goccv-gw145	3	2	3.0	1	1
62	102766-828-10-10	2	1	3.0	1	1
63	102766-829-10-10	2	2	3.0	1	1
64	102763-752-10-10	2	3	3.0	1	1
65	102763-753-10-10	2	4	3.0	1	1
66	102763-754-10-10	2	5	3.0	1	1
67	102763-755-10-10	2	6	3.0	1	1
68	102763-756-10-10	2	7	3.0	1	1
69	102763-757-10-10	2	8	3.0	1	1
70	102763-758-10-10	2	9	3.0	1	1
71	102763-759-10-10	2	10	3.0	1	1

000072

72	dccv-gw144	3	1	3.0	1	1
73	goccv-gw145	3	2	3.0	1	1

Directory for Data Files: c:\star\instrument 2 - gc 9\data - gc 9\nov02

Data File Names: g9-%d-%i

Create and update a new RecalcList: c:\star\instrument 2 - gc 9\data - gc 9\nov02\1127.rcl.

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

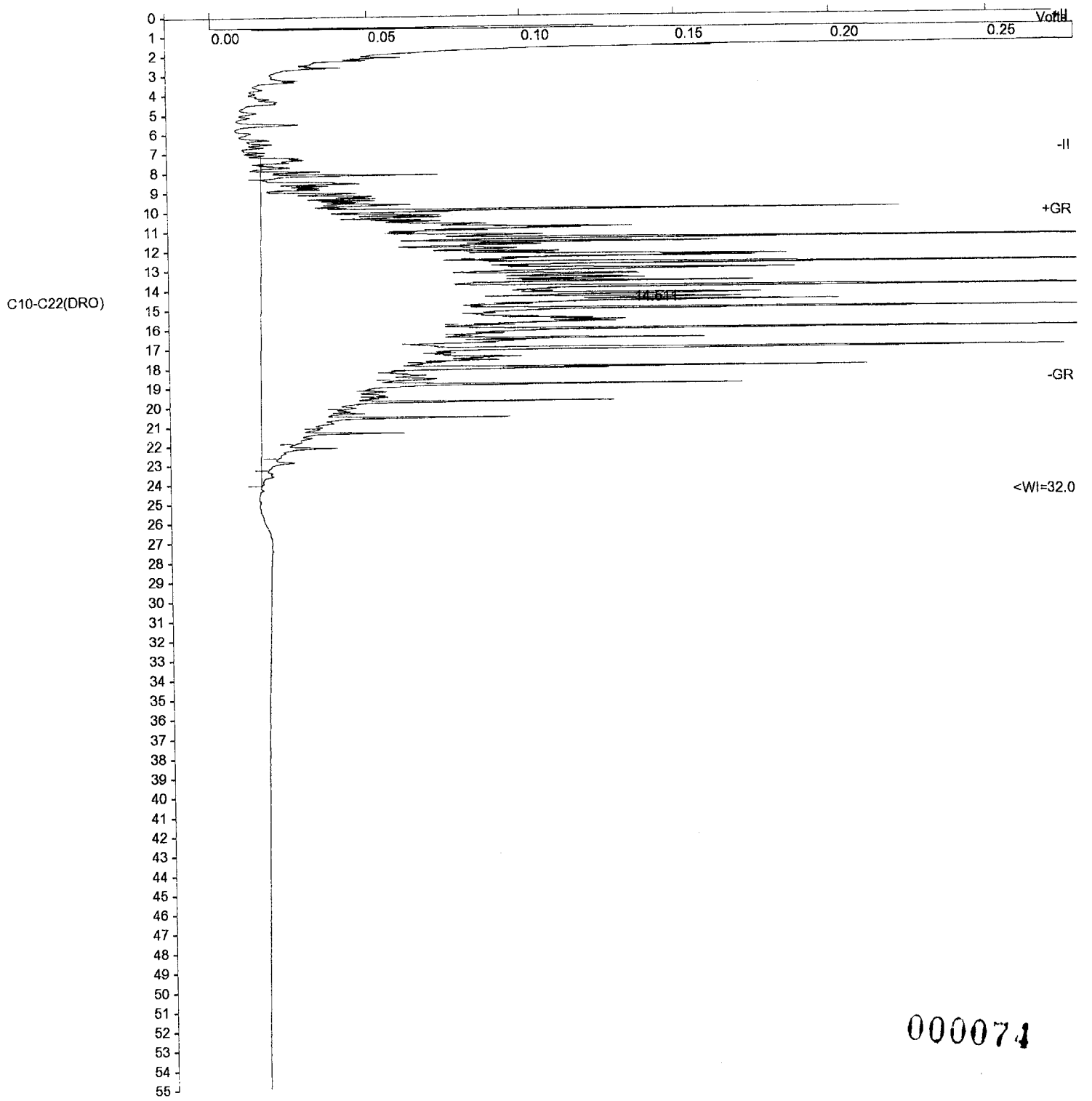
Injection Date: 11/29/02 2:12 PM Calculation Date: 11/29/02 3:08 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000074

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/29/02 2:12 PM Calculation Date: 11/29/02 3:08 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	522.6093	4.5	14.511	0.000	44494932	2	
	Group 2		522.6093			0.000	44494932		
	Totals:		522.6093			0.000	44494932		

Total Unidentified Counts : 11118909 counts

Detected Peaks: 34 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 72 microVolts

Noise (used): 190 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

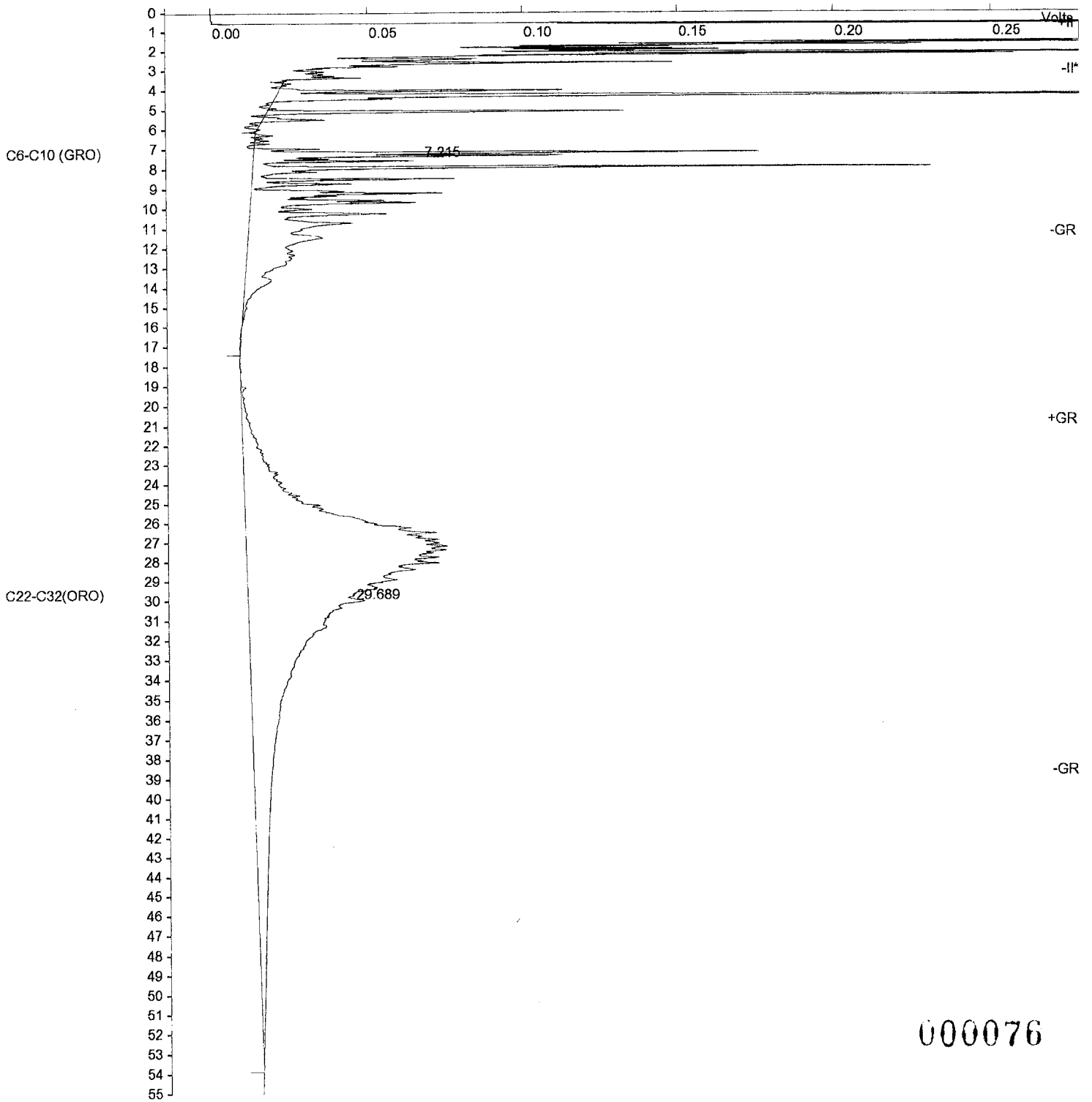
Injection Date: 11/29/02 3:20 PM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000076

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/29/02 3:20 PM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	557.0192	7.215	0.001	12219665	GR	0.0	1	
2	C22-C32(ORO)	468.1730	29.689	0.000	25273398	GR	0.0	3	
	Group 1	557.0192		0.001	12219665				
	Group 3	468.1730		0.000	25273398				
	Totals:	1025.1922		0.001	37493063				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Bascline Offset: 34 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 195 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

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C06077

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1129-10-10

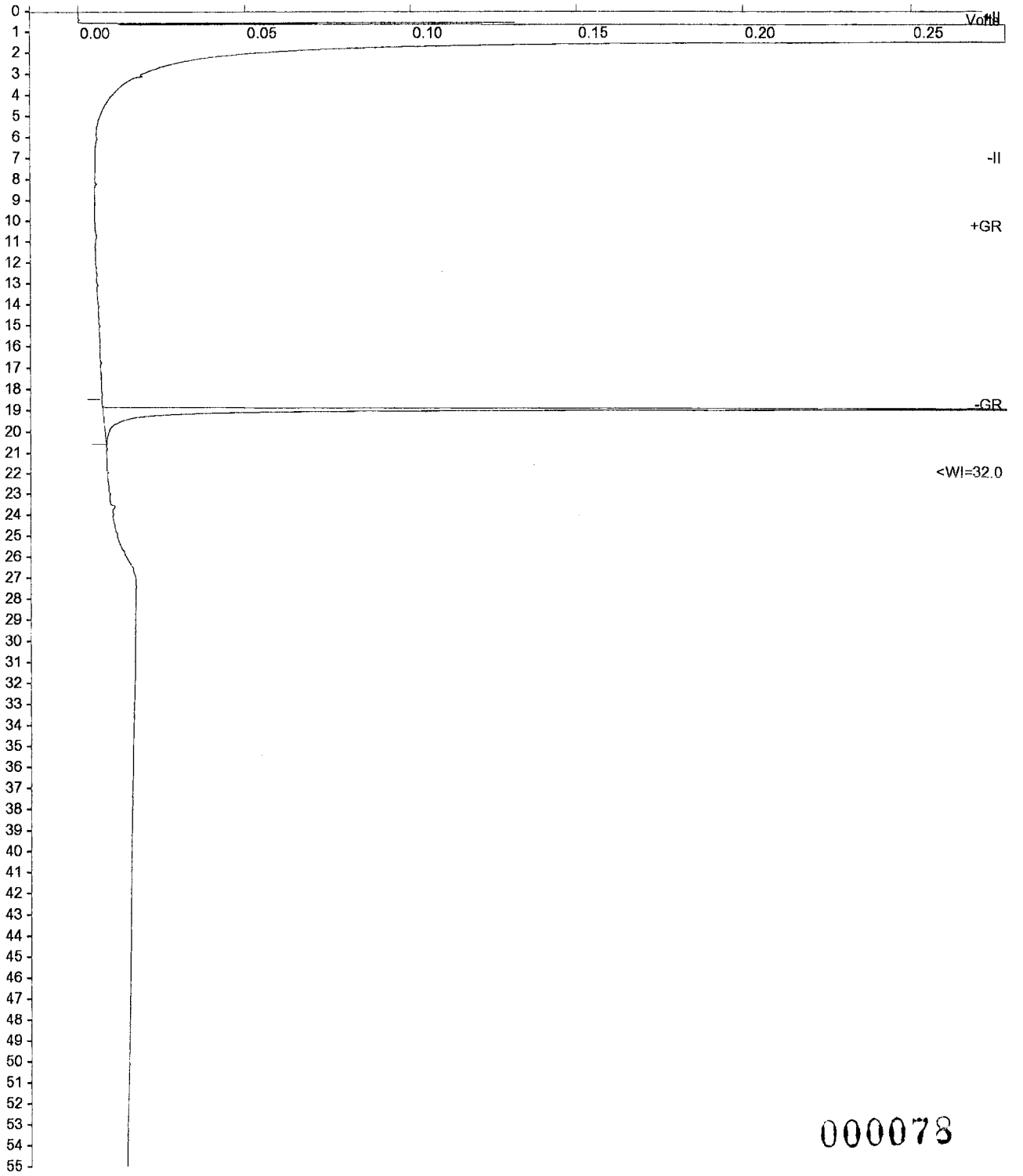
Injection Date: 11/29/02 4:26 PM Calculation Date: 11/29/02 5:22 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000078

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1129-10-10

Injection Date: 11/29/02 4:26 PM Calculation Date: 11/29/02 5:22 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2855646 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 36 microVolts

Noise (used): 195 microVolts - monitored before this run

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : mb1129-10-10

Injection Date: 11/29/02 4:26 PM Calculation Date: 12/2/02 8:52 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.9315	18.872	-0.068	2861098	BB	5.0	0	
	Group 0	18.9315		-0.068	2861098				
	Totals:	18.9315		-0.068	2861098				

Total Unidentified Counts : 50278080 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 36 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 195 microVolts

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1129-10-10

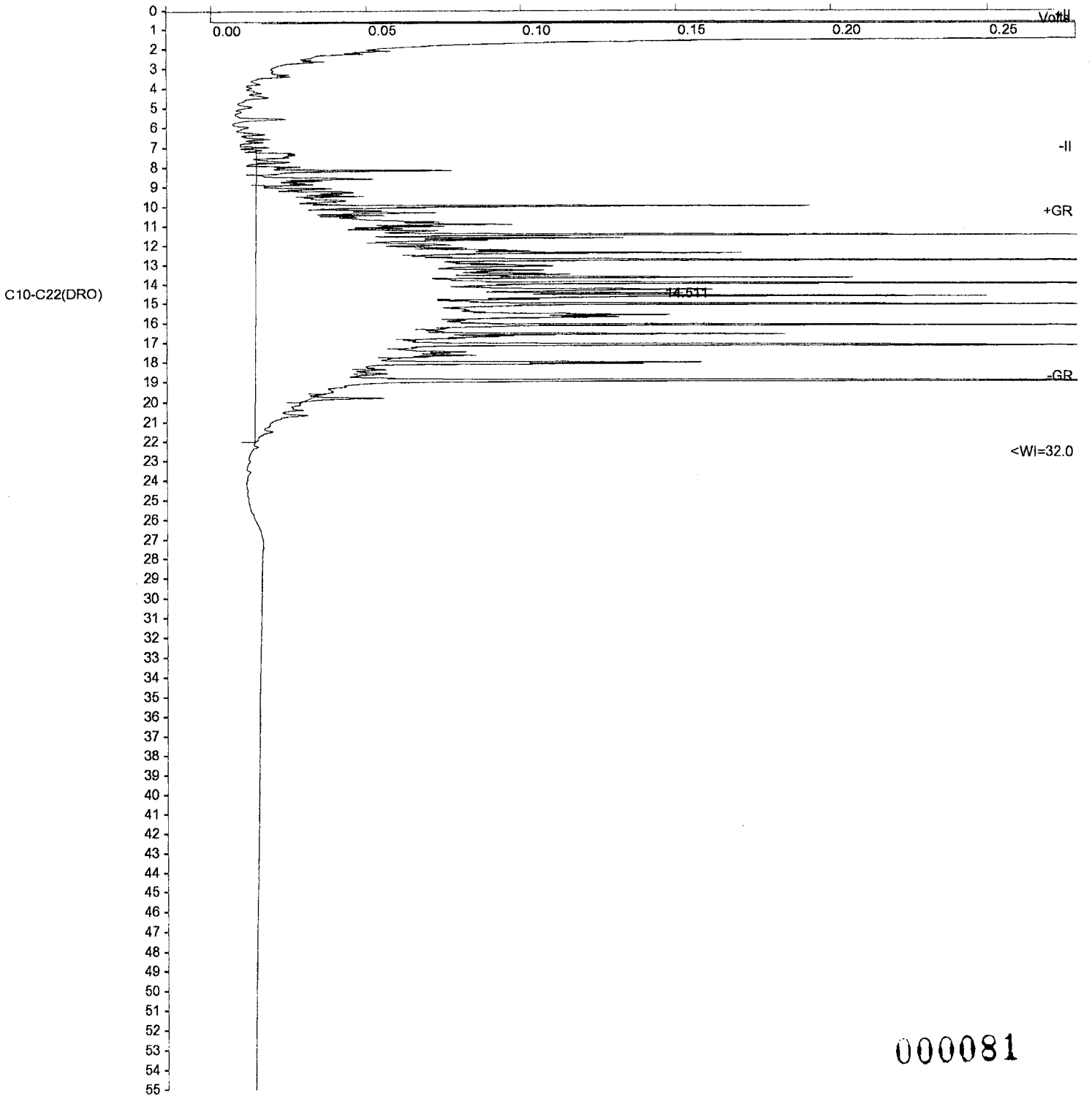
Injection Date: 11/29/02 5:33 PM Calculation Date: 11/29/02 6:29 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000081

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1129-10-10

Injection Date: 11/29/02 5:33 PM Calculation Date: 11/29/02 6:29 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	454.7965	14.511	0.000	38778532	GR	0.0	2	
	Group 2	454.7965		0.000	38778532				
	Totals:	454.7965		0.000	38778532				

Total Unidentified Counts : 9893928 counts

Detected Peaks: 25 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -82 microVolts

Noise (used): 149 microVolts - monitored before this run

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcs1129-10-10

Injection Date: 11/29/02 5:33 PM Calculation Date: 12/2/02 8:53 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.7484	18.831	-0.109	2834799	VB	3.0	0	
	Group 0	18.7484		-0.109	2834799				
	Totals:	18.7484		-0.109	2834799				

Total Unidentified Counts : 71241728 counts

Detected Peaks: 82 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -82 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 149 microVolts

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1129-10-10

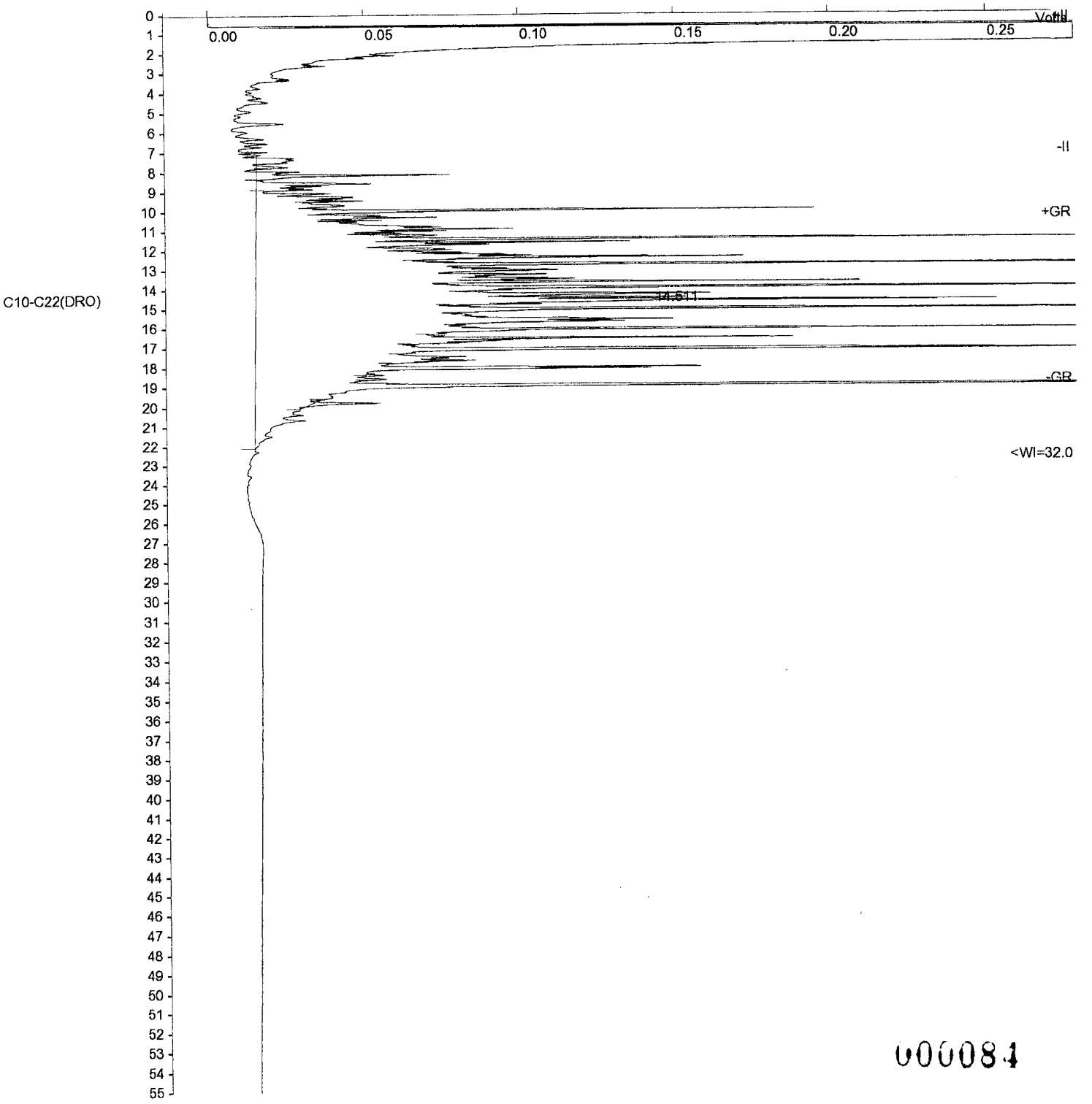
Injection Date: 11/29/02 6:40 PM Calculation Date: 11/29/02 7:36 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000084

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1129-10-10

Injection Date: 11/29/02 6:40 PM Calculation Date: 11/29/02 7:36 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	457.1774	14.511	0.000	38979228	GR	0.0	2	
	Group 2	457.1774		0.000	38979228				
	Totals:	457.1774		0.000	38979228				

Total Unidentified Counts : 9809750 counts

Detected Peaks: 25 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 121 microVolts

Noise (used): 172 microVolts - monitored before this run

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcsd1129-10-10

Injection Date: 11/29/02 6:40 PM Calculation Date: 12/2/02 8:53 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.6521	18.835	-0.105	2820966	VB	3.0	0	
	Group 0	18.6521		-0.105	2820966				
	Totals:	18.6521		-0.105	2820966				

Total Unidentified Counts : 70963520 counts

Detected Peaks: 82 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 121 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 172 microVolts

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

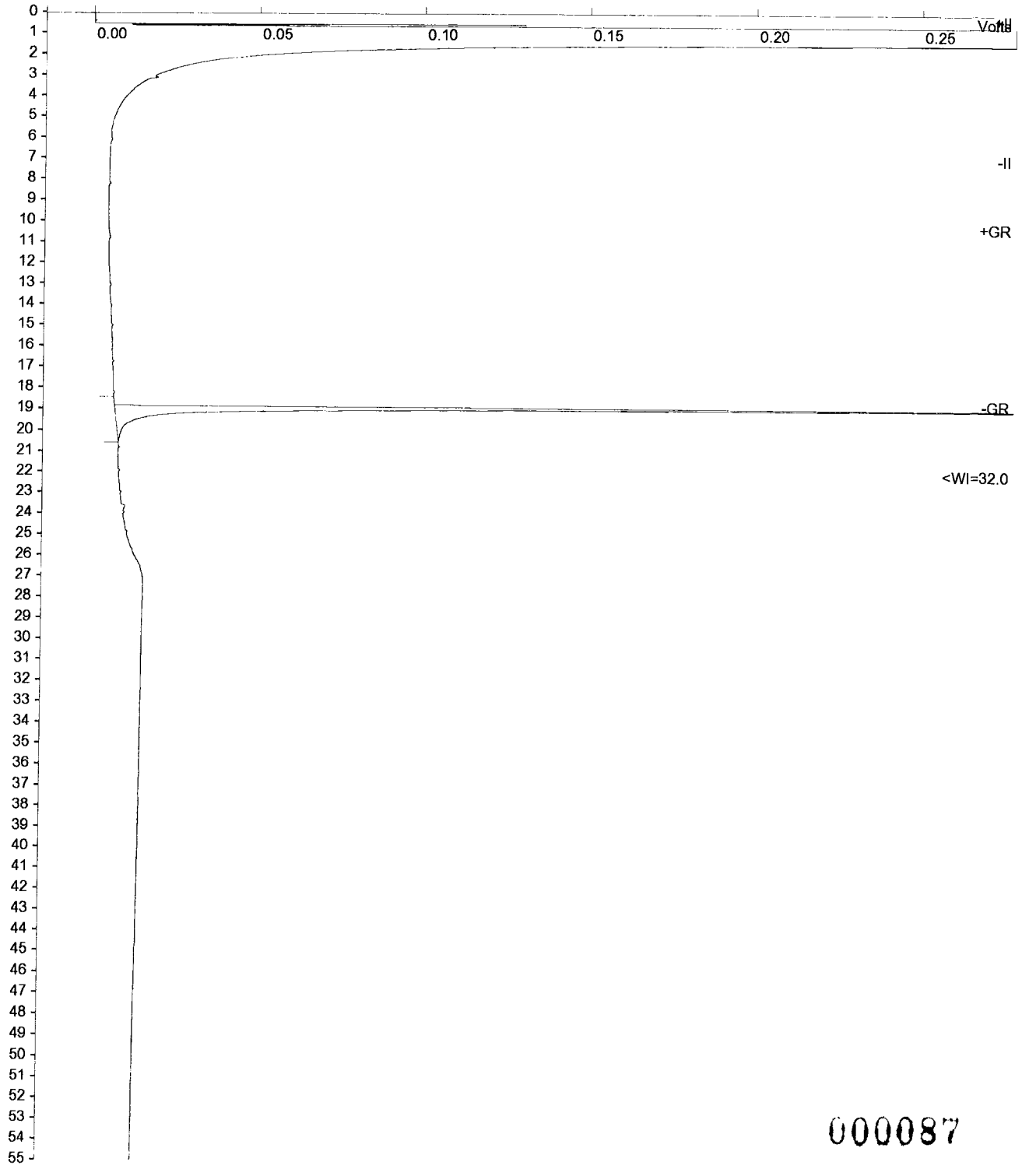
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1017.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-821-10-10

Injection Date: 11/29/02 7:48 PM Calculation Date: 11/29/02 8:43 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000087

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1017.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-821-10-10

Injection Date: 11/29/02 7:48 PM Calculation Date: 11/29/02 8:43 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2706468 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 16 microVolts

Noise (used): 180 microVolts - monitored before this run

Rack: 1 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-821-10-10

Injection Date: 11/29/02 7:48 PM Calculation Date: 12/2/02 8:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2706340 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 16 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 180 microVolts

Rack: 1 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

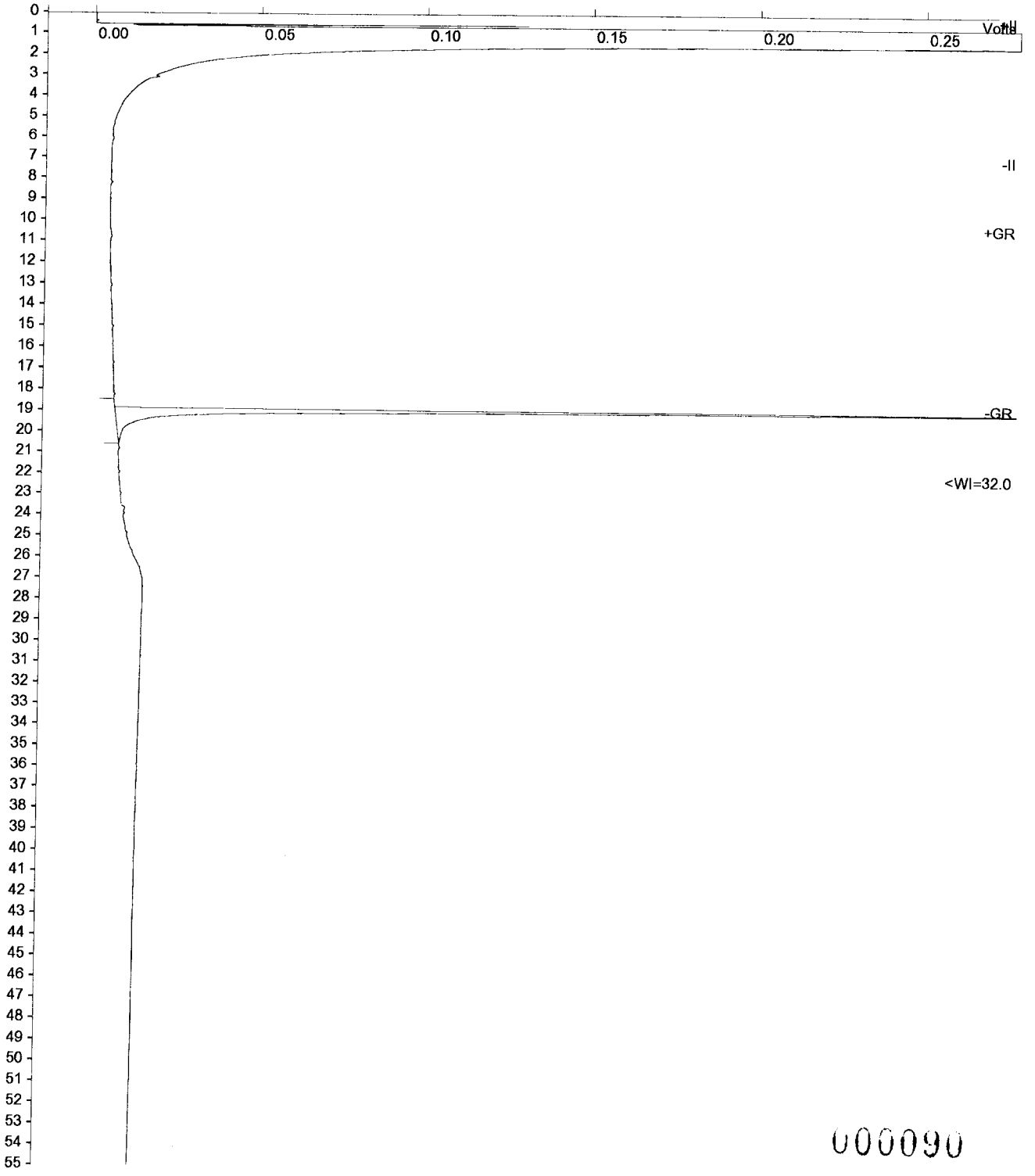
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1018.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-822-10-10

Injection Date: 11/29/02 8:55 PM Calculation Date: 11/29/02 9:50 PM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000090

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1018.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-822-10-10

Injection Date: 11/29/02 8:55 PM Calculation Date: 11/29/02 9:50 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2586447 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 100 microVolts

Noise (used): 153 microVolts - monitored before this run

Rack: 1 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1018.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-822-10-10

Injection Date: 11/29/02 8:55 PM Calculation Date: 12/2/02 8:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2579319 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 100 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 153 microVolts

Rack: 1 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1019.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-823-10-10

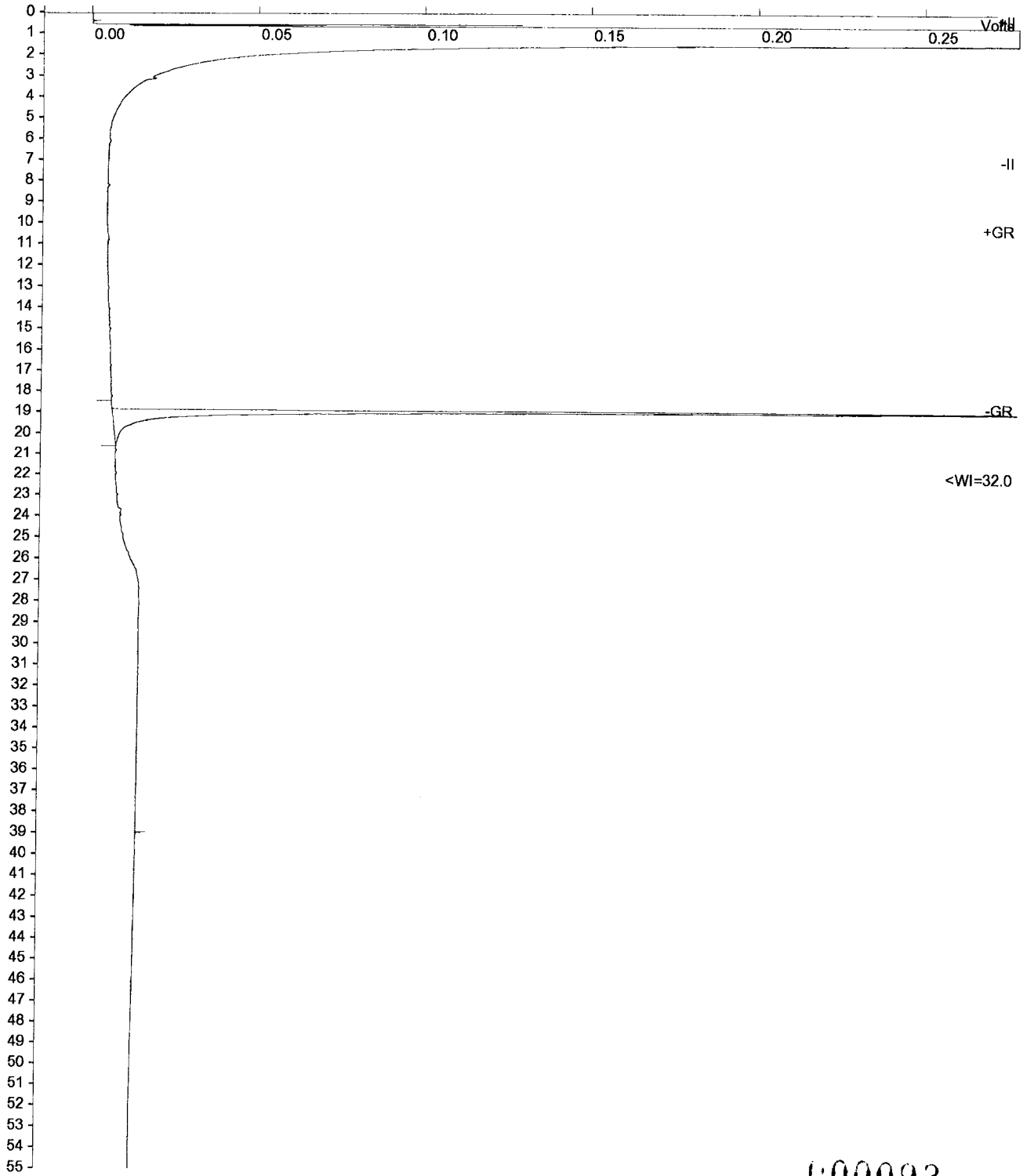
Injection Date: 11/29/02 10:02 PM Calculation Date: 11/29/02 10:57 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1019.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-823-10-10

Injection Date: 11/29/02 10:02 PM Calculation Date: 11/29/02 10:57 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2595723 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 38 microVolts

Noise (used): 187 microVolts - monitored before this run

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1019.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-823-10-10

Injection Date: 11/29/02 10:02 PM Calculation Date: 12/2/02 8:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2610842 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 38 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 187 microVolts

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1020.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-824-10-10

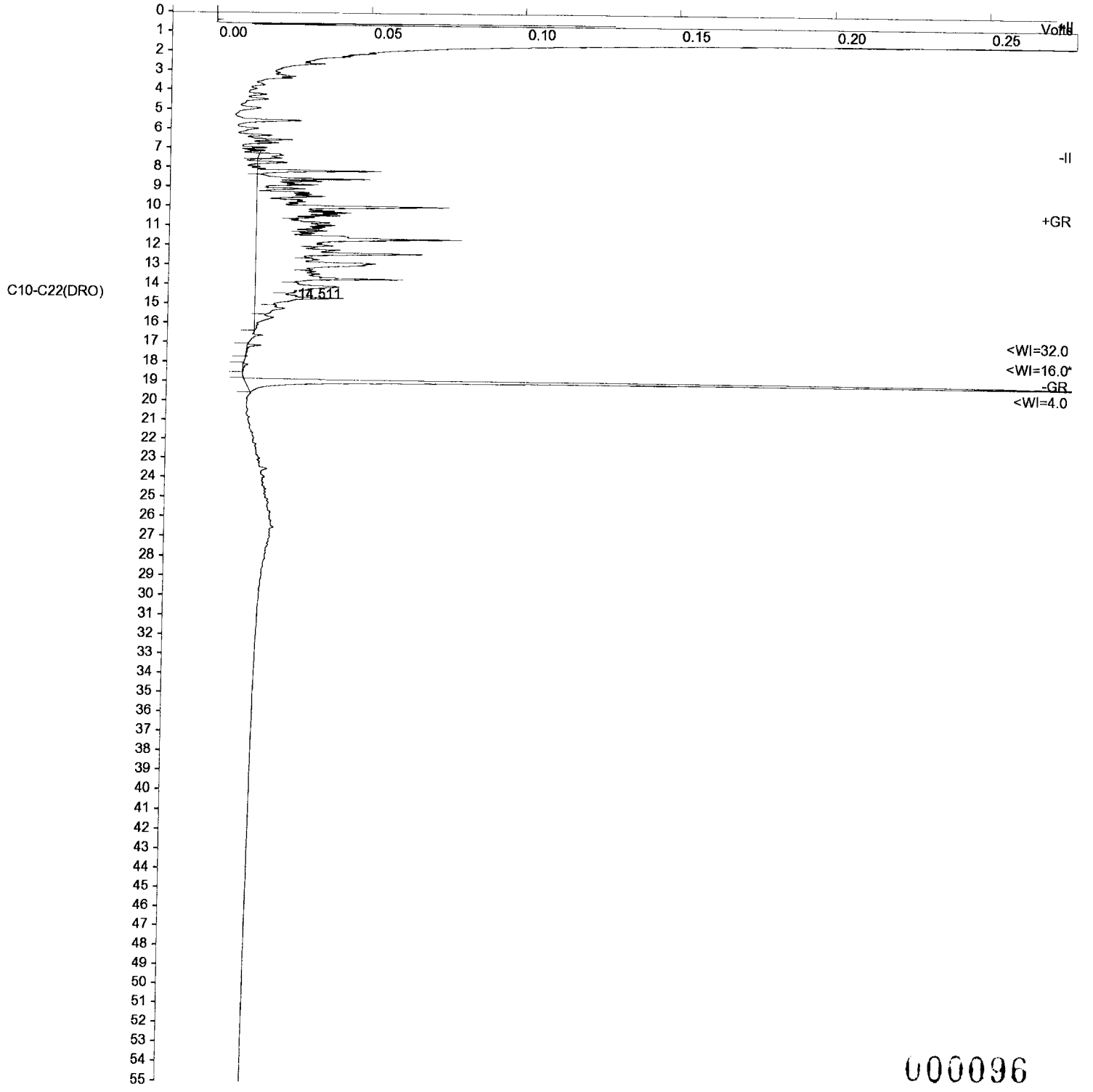
Injection Date: 11/29/02 11:09 PM Calculation Date: 11/30/02 12:04 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1020.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-824-10-10

Injection Date: 11/29/02 11:09 PM Calculation Date: 11/30/02 12:04 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	63.8861	14.511	0.000	5825985	GR	0.0	2	
	Group 2	63.8861		0.000	5825985				
	Totals:	63.8861		0.000	5825985				

Total Unidentified Counts : 5058959 counts

Detected Peaks: 18 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -18 microVolts

Noise (used): 136 microVolts - monitored before this run

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1020.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-824-10-10

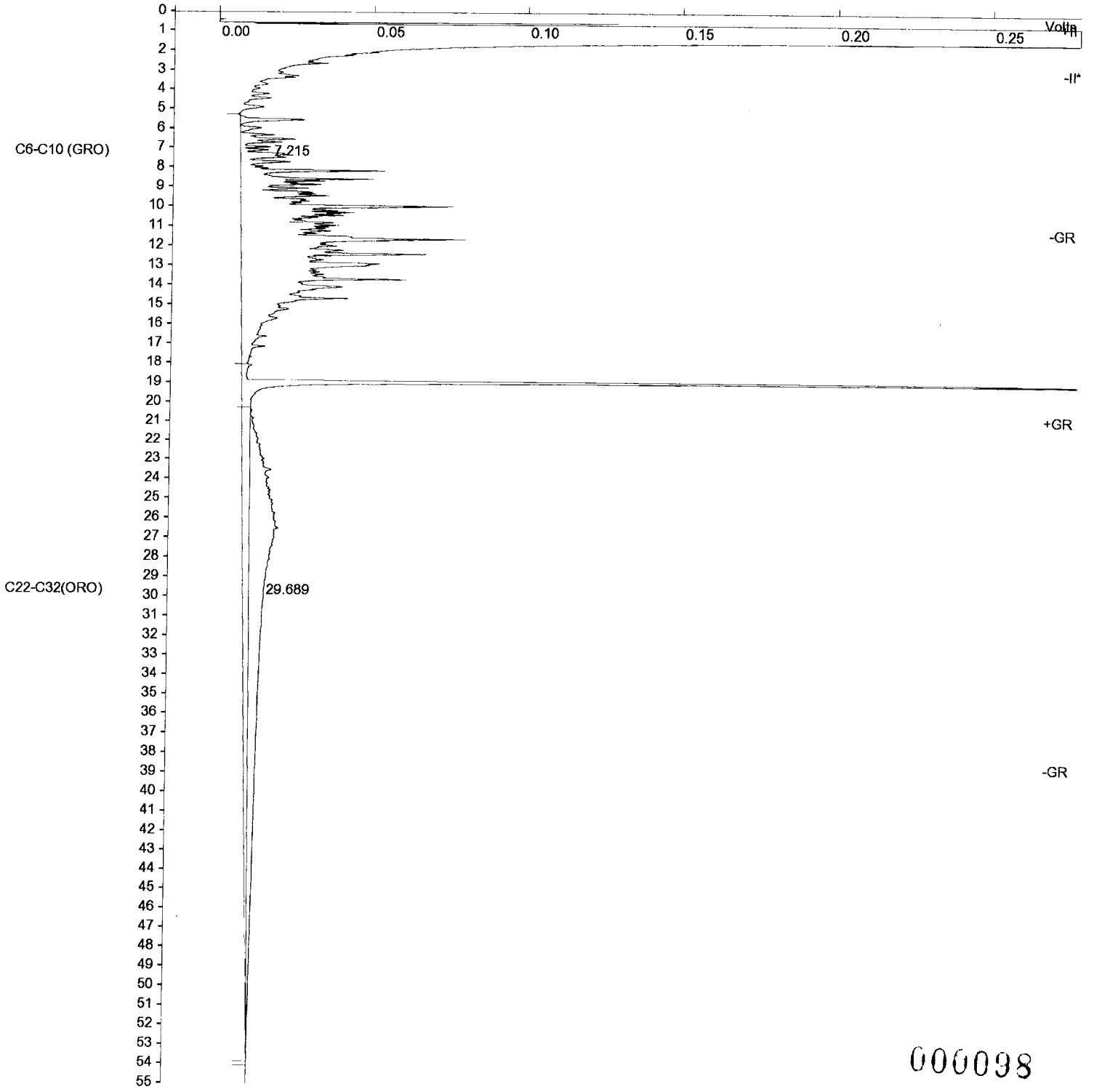
Injection Date: 11/29/02 11:09 PM Calculation Date: 12/2/02 8:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000098

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-29-02-1020.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-824-10-10

Injection Date: 11/29/02 11:09 PM Calculation Date: 12/2/02 8:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	211.7830	7.215	0.001	4646011	GR	0.0	1	
2	C22-C32(ORO)	103.0255	29.689	0.000	5561628	GR	0.0	3	
	Group 1	211.7830		0.001	4646011				
	Group 3	103.0255		0.000	5561628				
	Totals:	314.8085		0.001	10207639				

Total Unidentified Counts : 13806780 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -18 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 136 microVolts

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-825-10-10

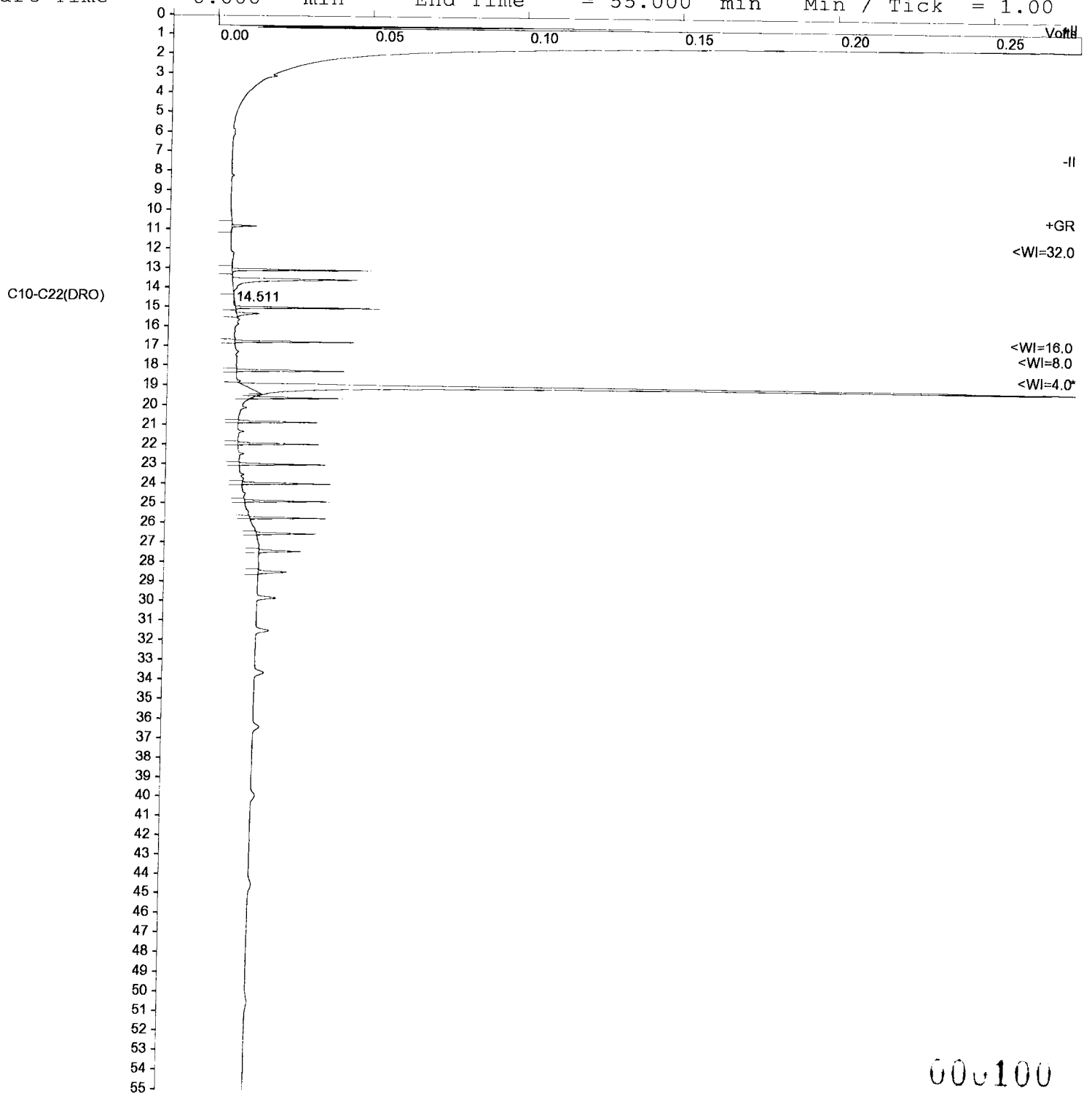
Injection Date: 11/30/02 12:17 AM Calculation Date: 11/30/02 1:12 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-825-10-10

Injection Date: 11/30/02 12:17 AM Calculation Date: 11/30/02 1:12 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	5.7198	14.511	0.000	922748	GR	0.0	2	
	Group 2	5.7198		0.000	922748				
	Totals:	5.7198		0.000	922748				

Total Unidentified Counts : 3222634 counts

Detected Peaks: 18 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 26 microVolts

Noise (used): 136 microVolts - monitored before this run

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-825-10-10

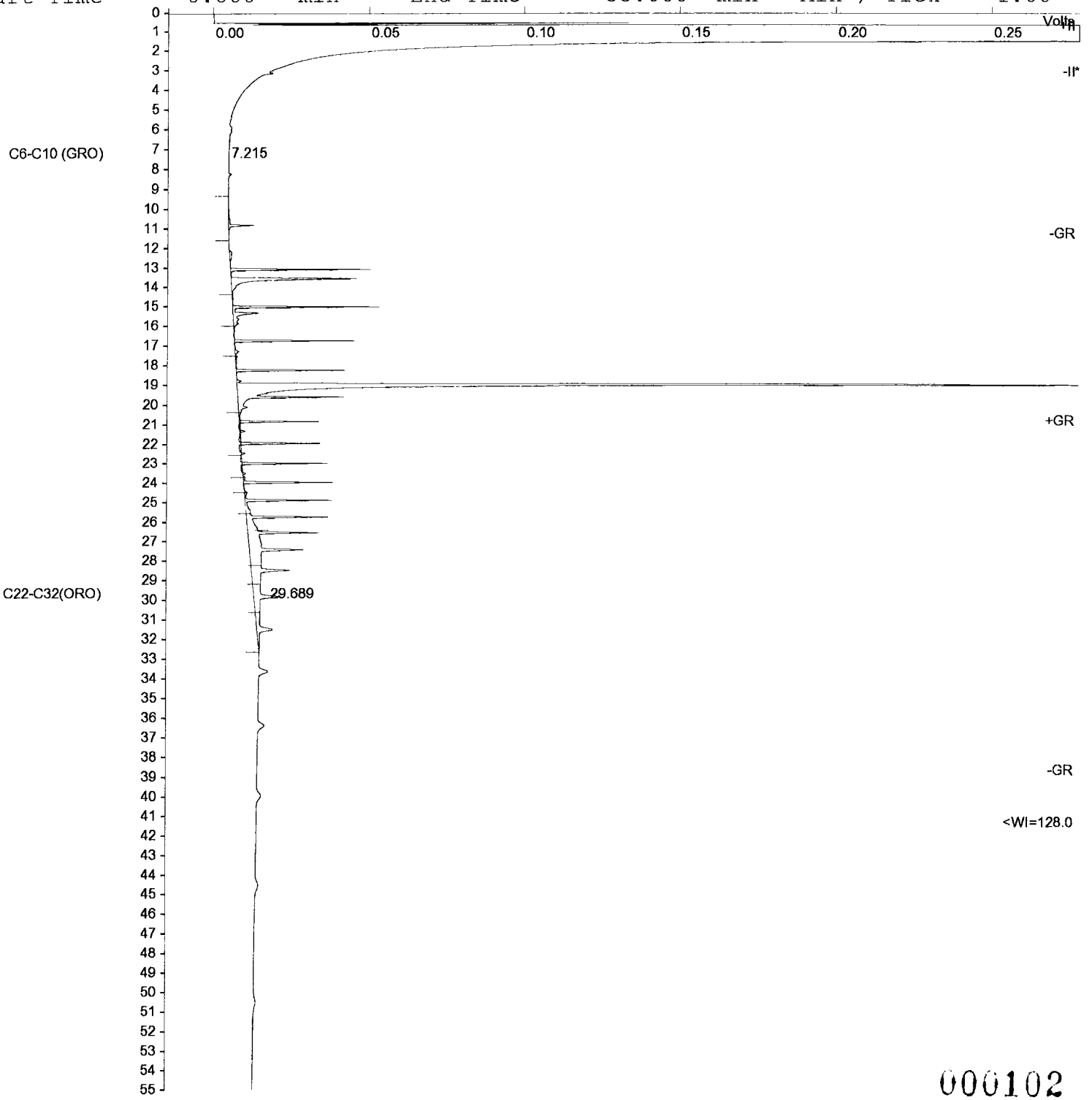
Injection Date: 11/30/02 12:17 AM Calculation Date: 12/2/02 8:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000102

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-825-10-10

Injection Date: 11/30/02 12:17 AM Calculation Date: 12/2/02 8:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	2.1629	7.215	0.001	47449	GR	0.0	1	
2	C22-C32(ORO)	33.2141	29.689	0.000	1792999	GR	0.0	3	
	Group 1	2.1629		0.001	47449				
	Group 3	33.2141		0.000	1792999				
	Totals:	35.3770		0.001	1840448				

Total Unidentified Counts : 3780457 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 26 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 136 microVolts

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1001.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-826-10-10

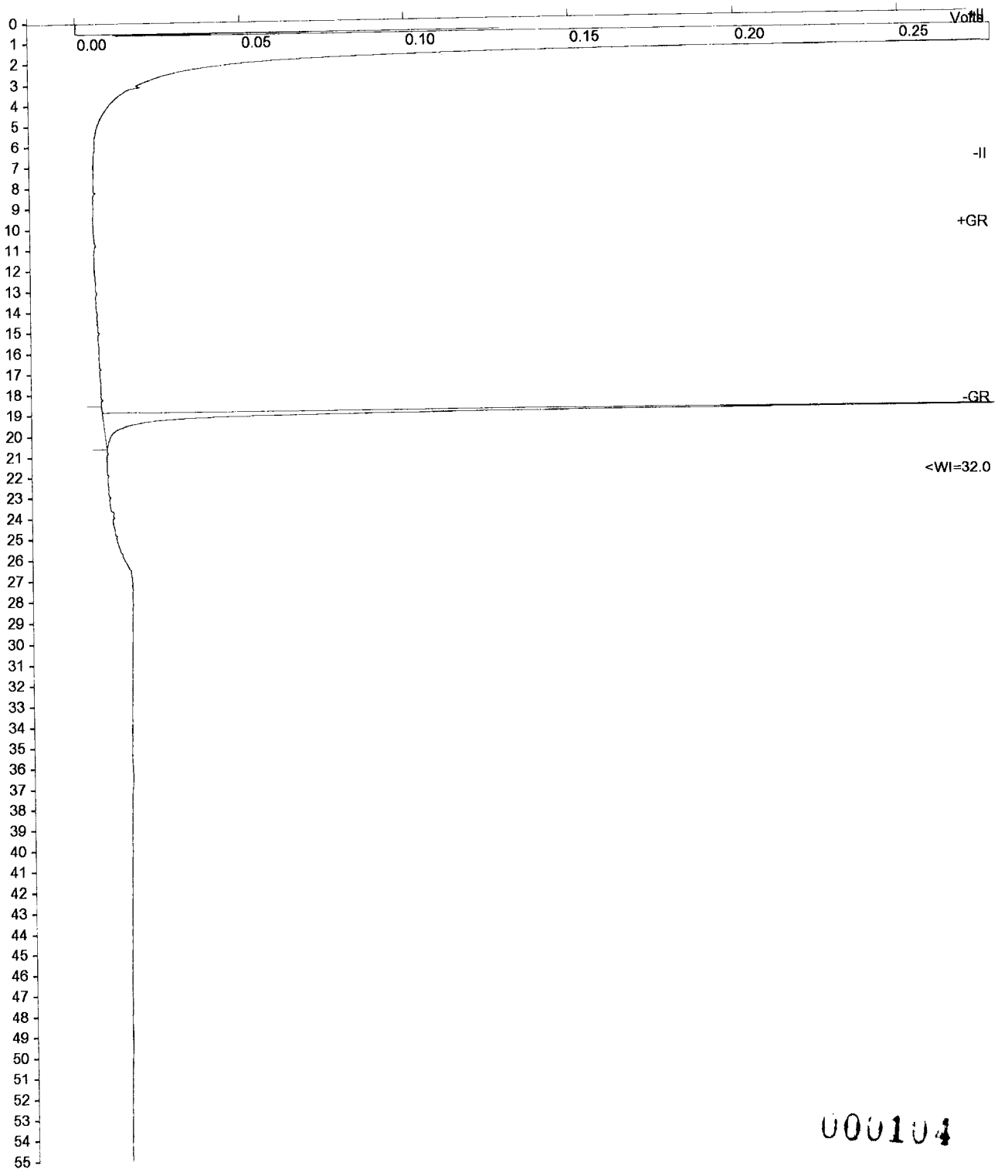
Injection Date: 11/30/02 1:24 AM Calculation Date: 11/30/02 2:19 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1001.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-826-10-10

Injection Date: 11/30/02 1:24 AM Calculation Date: 11/30/02 2:19 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2548851 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 134 microVolts

Noise (used): 175 microVolts - monitored before this run

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1001.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-826-10-10

Injection Date: 11/30/02 1:24 AM Calculation Date: 12/2/02 8:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2556256 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 134 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 175 microVolts

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

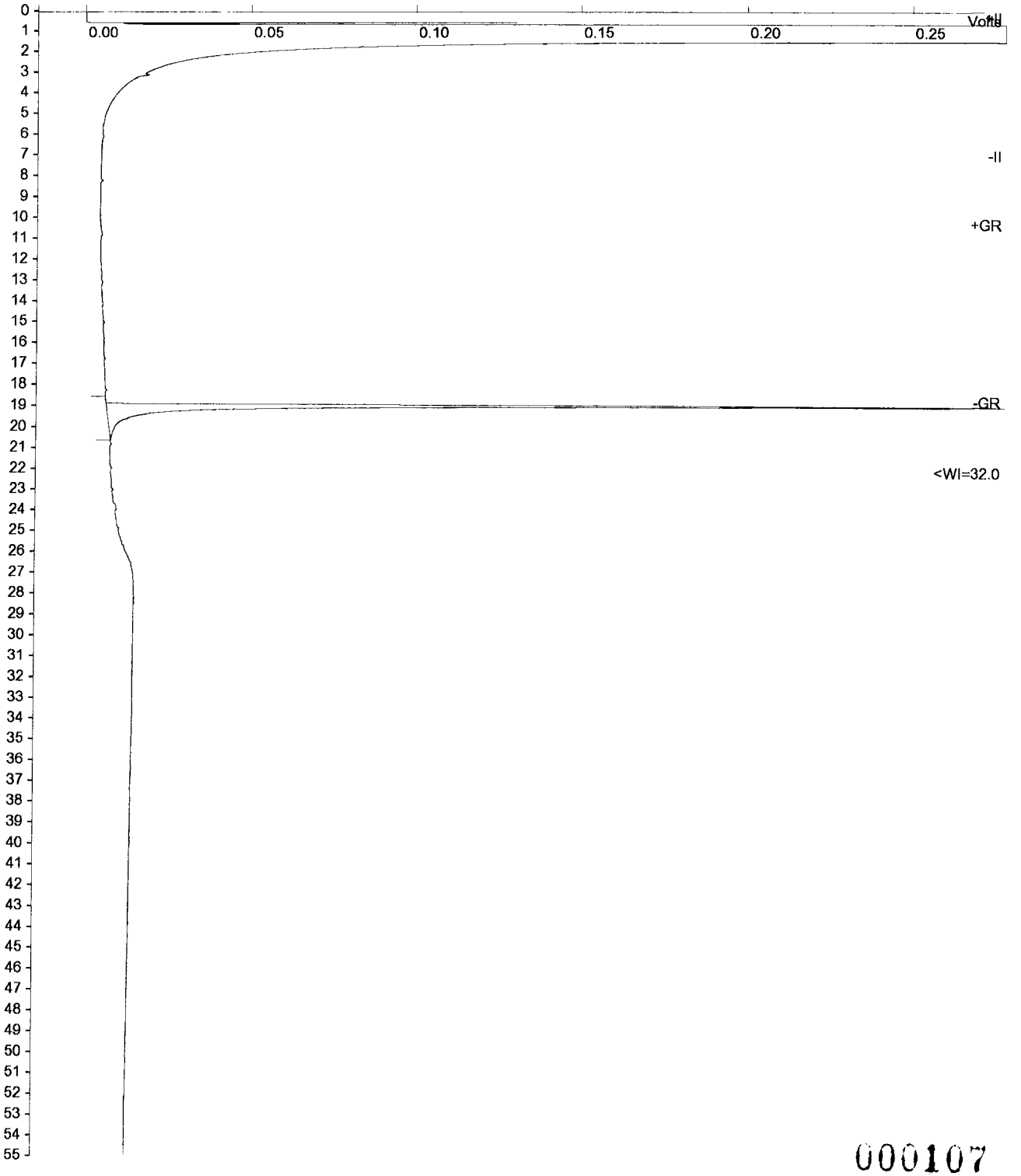
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1002.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-827-10-10

Injection Date: 11/30/02 2:31 AM Calculation Date: 11/30/02 3:26 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Print Date: Sat Nov 30 03:26:42 2002

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1002.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-827-10-10

Injection Date: 11/30/02 2:31 AM Calculation Date: 11/30/02 3:26 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2375629 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 51 microVolts

Noise (used): 170 microVolts - monitored before this run

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1002.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-827-10-10

Injection Date: 11/30/02 2:31 AM Calculation Date: 12/2/02 8:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2377138 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 51 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 170 microVolts

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

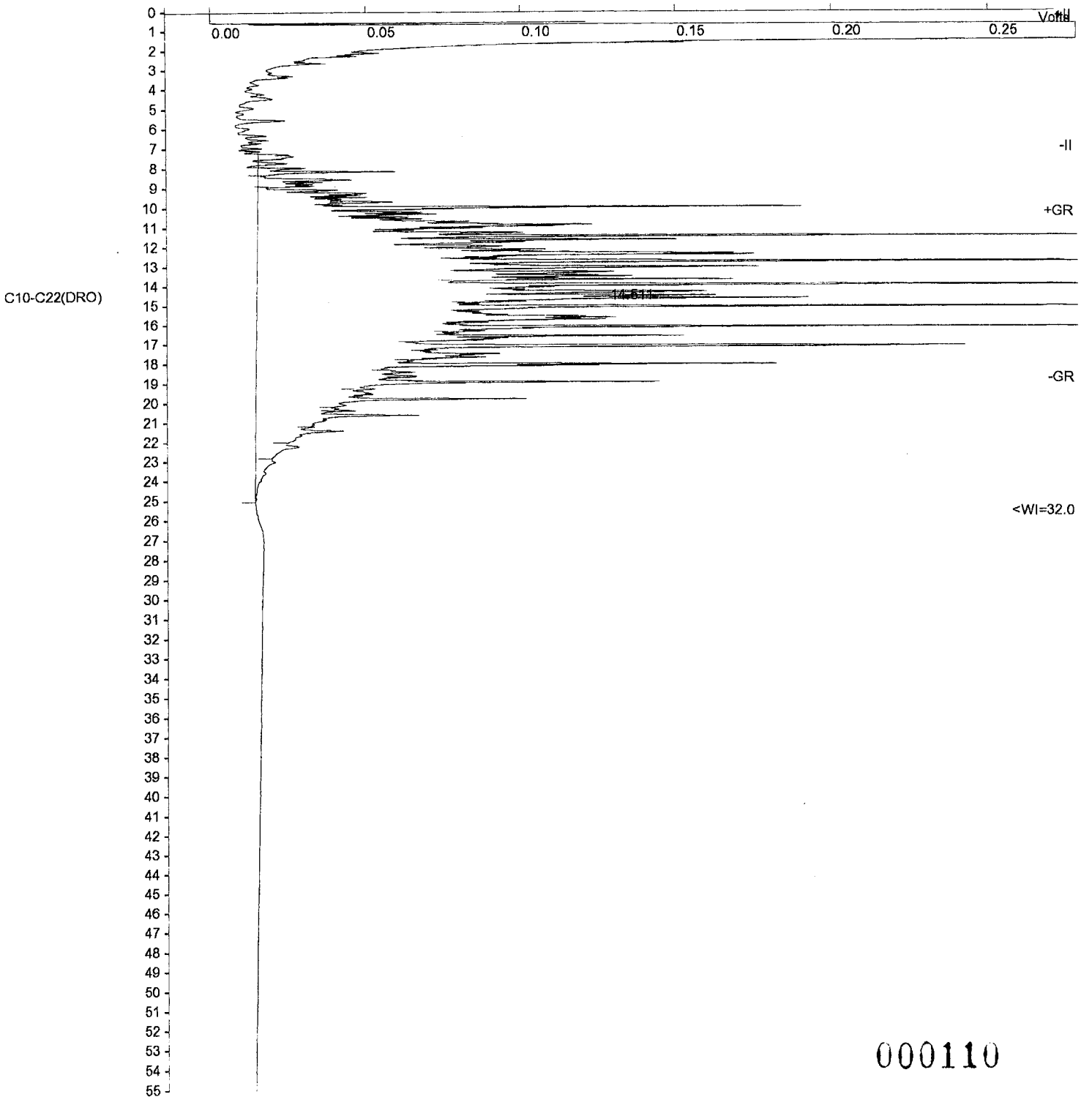
Injection Date: 11/30/02 3:38 AM Calculation Date: 11/30/02 4:33 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/30/02 3:38 AM Calculation Date: 11/30/02 4:33 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	496.6479	0.7	14.511	0.000	42306472	2	
	Group 2		496.6479			0.000	42306472		
	Totals:		496.6479			0.000	42306472		

Total Unidentified Counts : 10703842 counts

Detected Peaks: 31 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 12 microVolts

Noise (used): 179 microVolts - monitored before this run

Rack: 3 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

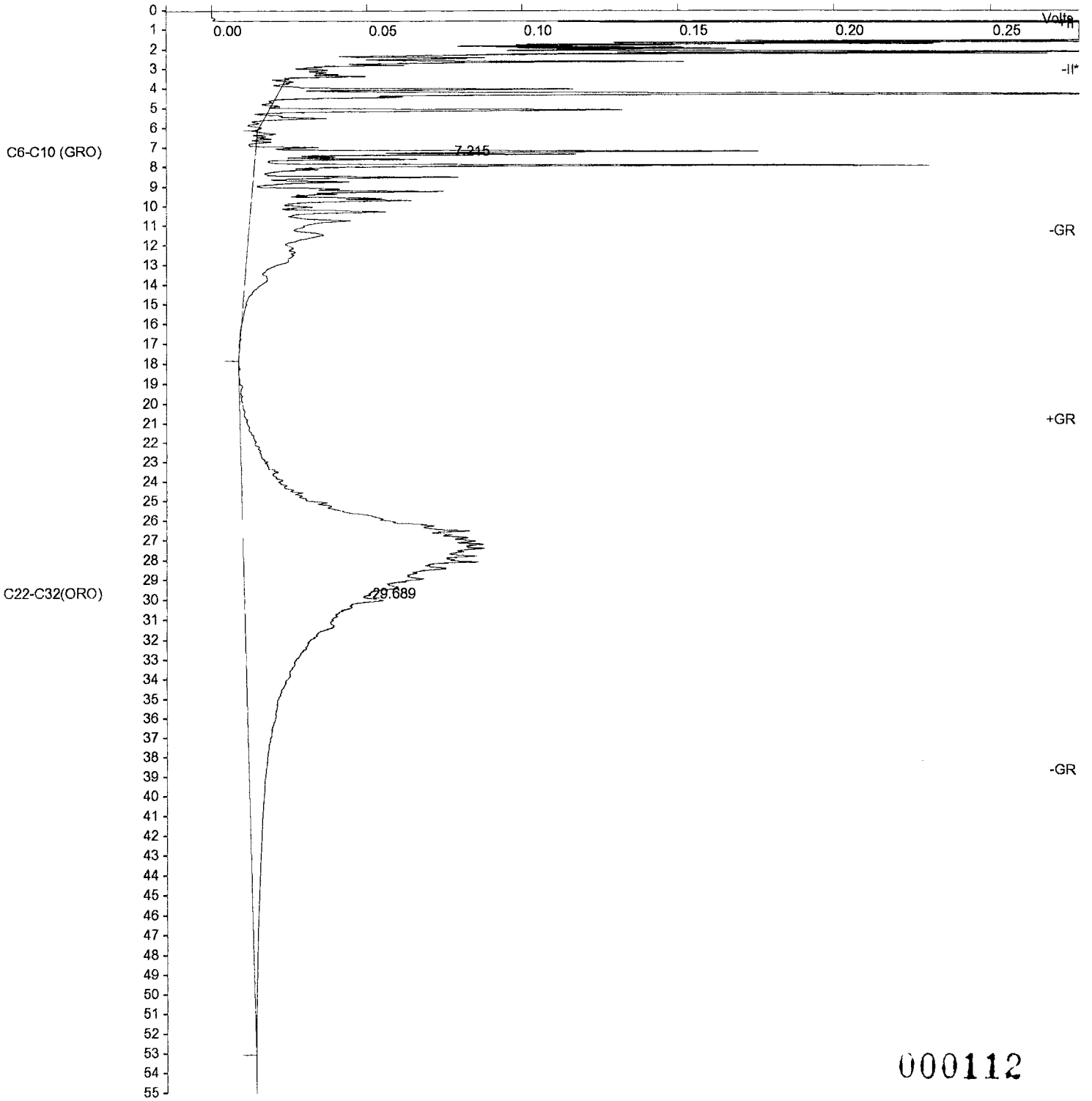
Injection Date: 11/30/02 4:46 AM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000112

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/30/02 4:46 AM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	577.6718	7.215	0.001	12672735	GR	0.0	1	
2	C22-C32(ORO)	524.7169	29.689	0.000	28325812	GR	0.0	3	
	Group 1	577.6718		0.001	12672735				
	Group 3	524.7169		0.000	28325812				
	Totals:	1102.3887		0.001	40998547				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -30 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 203 microVolts

Rack: 3 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

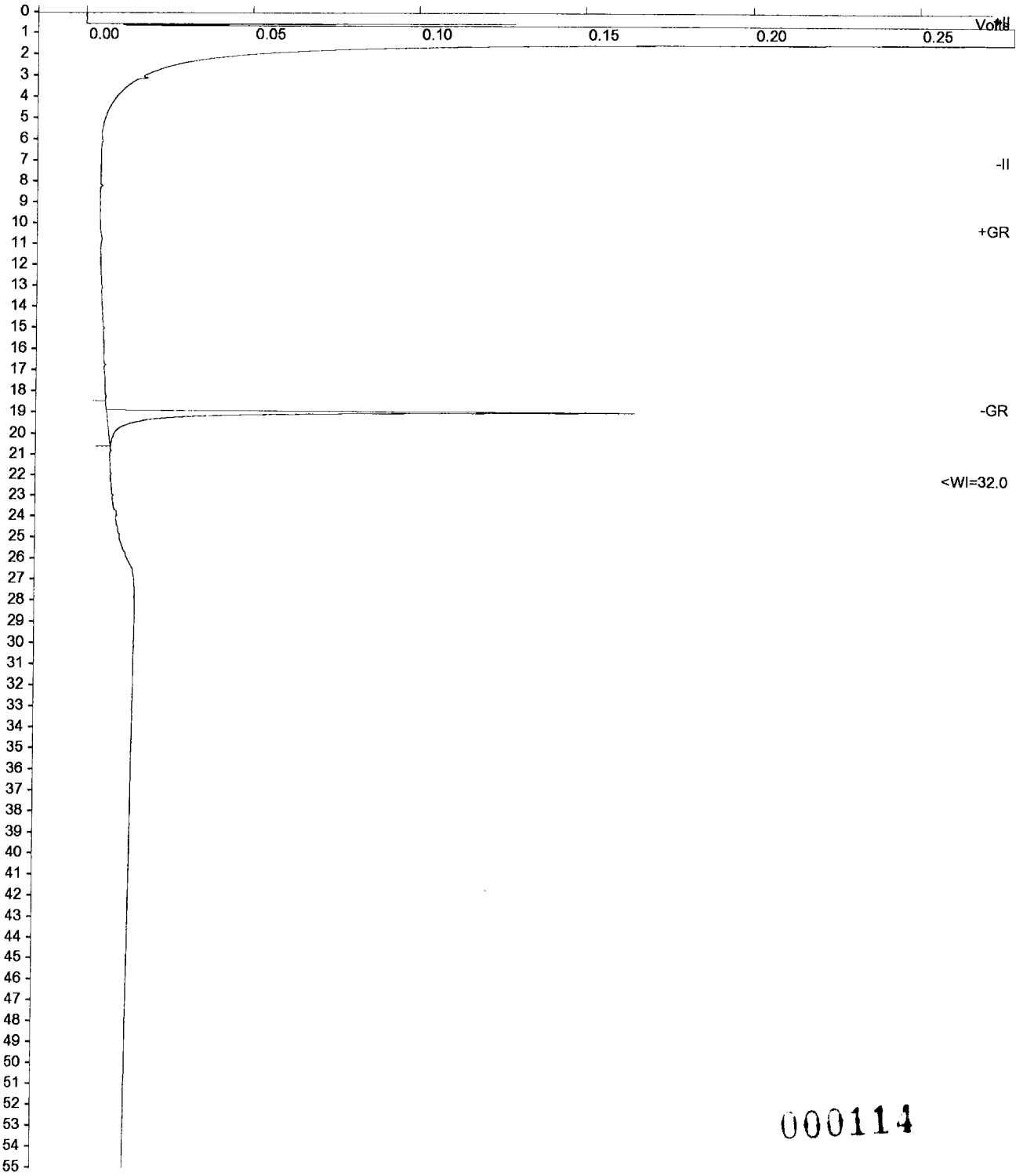
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1005.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-828-10-10

Injection Date: 11/30/02 5:53 AM Calculation Date: 11/30/02 6:48 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000114

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1005.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-828-10-10

Injection Date: 11/30/02 5:53 AM Calculation Date: 11/30/02 6:48 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1599388 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 42 microVolts

Noise (used): 143 microVolts - monitored before this run

Rack: 2 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-828-10-10

Injection Date: 11/30/02 5:53 AM Calculation Date: 12/2/02 8:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 1613522 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 42 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 143 microVolts

Rack: 2 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1006.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-829-10-10

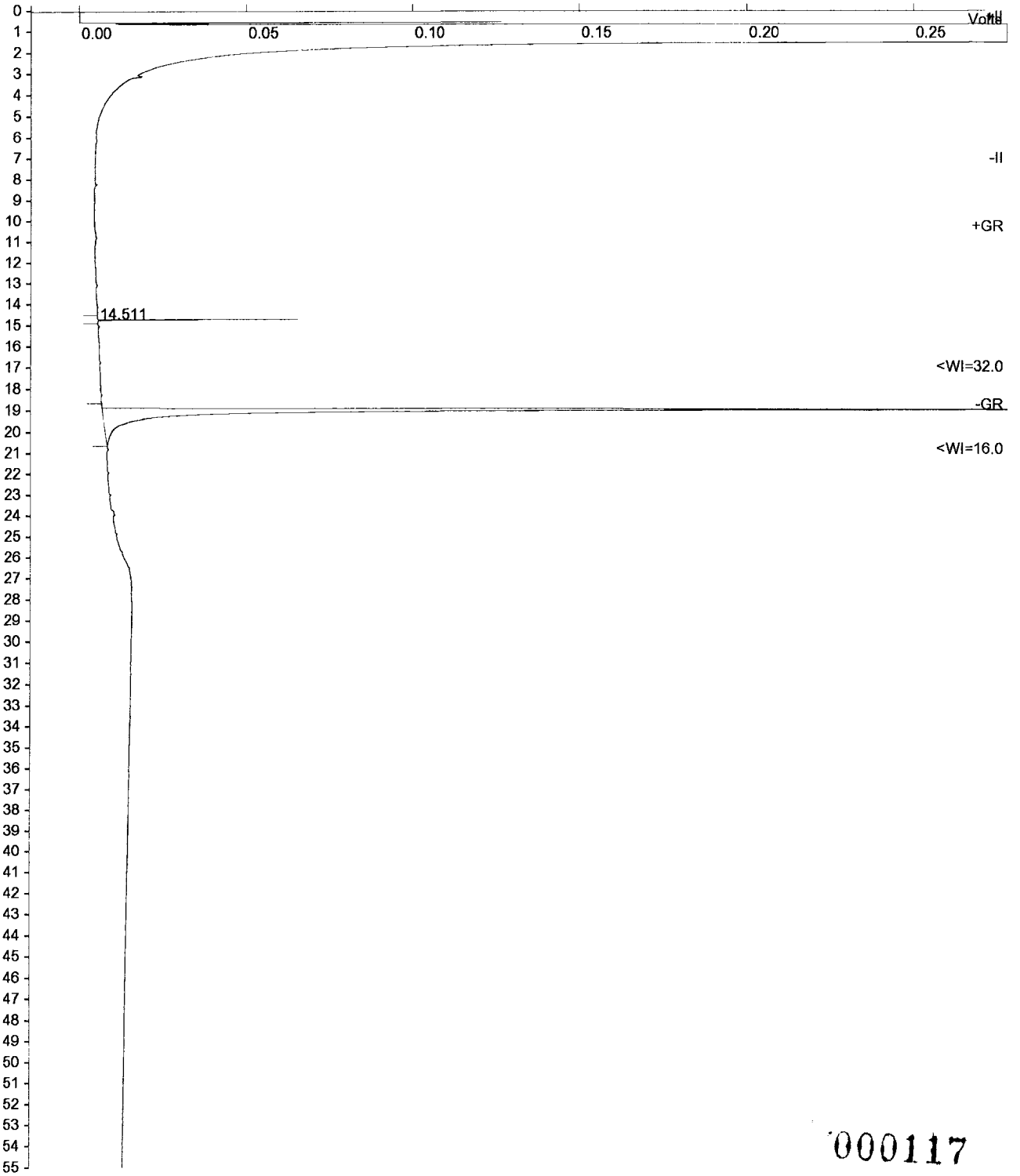
Injection Date: 11/30/02 7:00 AM Calculation Date: 11/30/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1006.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102766-829-10-10

Injection Date: 11/30/02 7:00 AM Calculation Date: 11/30/02 7:55 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	no result	14.511	0.000	23431	GR	0.0	2	C*
	Group 2	-4.9486		0.000	23431				
	Totals:	0.0000		0.000	23431				

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 2455743 counts

Detected Peaks: 2 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -56 microVolts

Noise (used): 201 microVolts - monitored before this run

Rack: 2 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1006.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102766-829-10-10

Injection Date: 11/30/02 7:00 AM Calculation Date: 12/2/02 8:59 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2448695 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -56 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 201 microVolts

Rack: 2 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

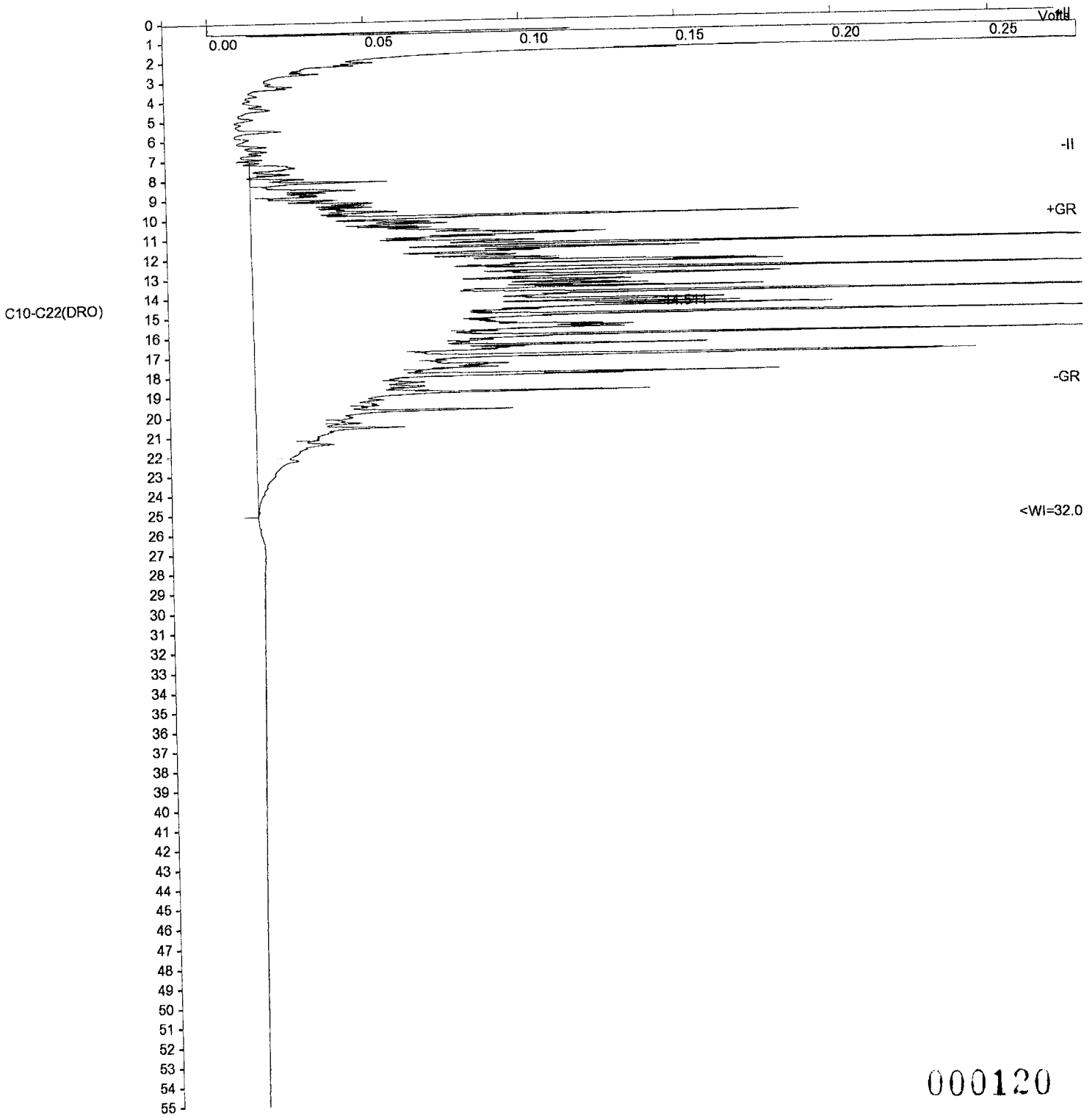
Injection Date: 11/30/02 5:01 PM Calculation Date: 11/30/02 5:56 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 11/30/02 5:01 PM Calculation Date: 11/30/02 5:56 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	528.8292	5.8	14.511	0.000	45019256	2	
	Group 2		528.8292			0.000	45019256		
	Totals:		528.8292			0.000	45019256		

Total Unidentified Counts : 11885672 counts

Detected Peaks: 31 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -57 microVolts

Noise (used): 117 microVolts - monitored before this run

Rack: 3 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

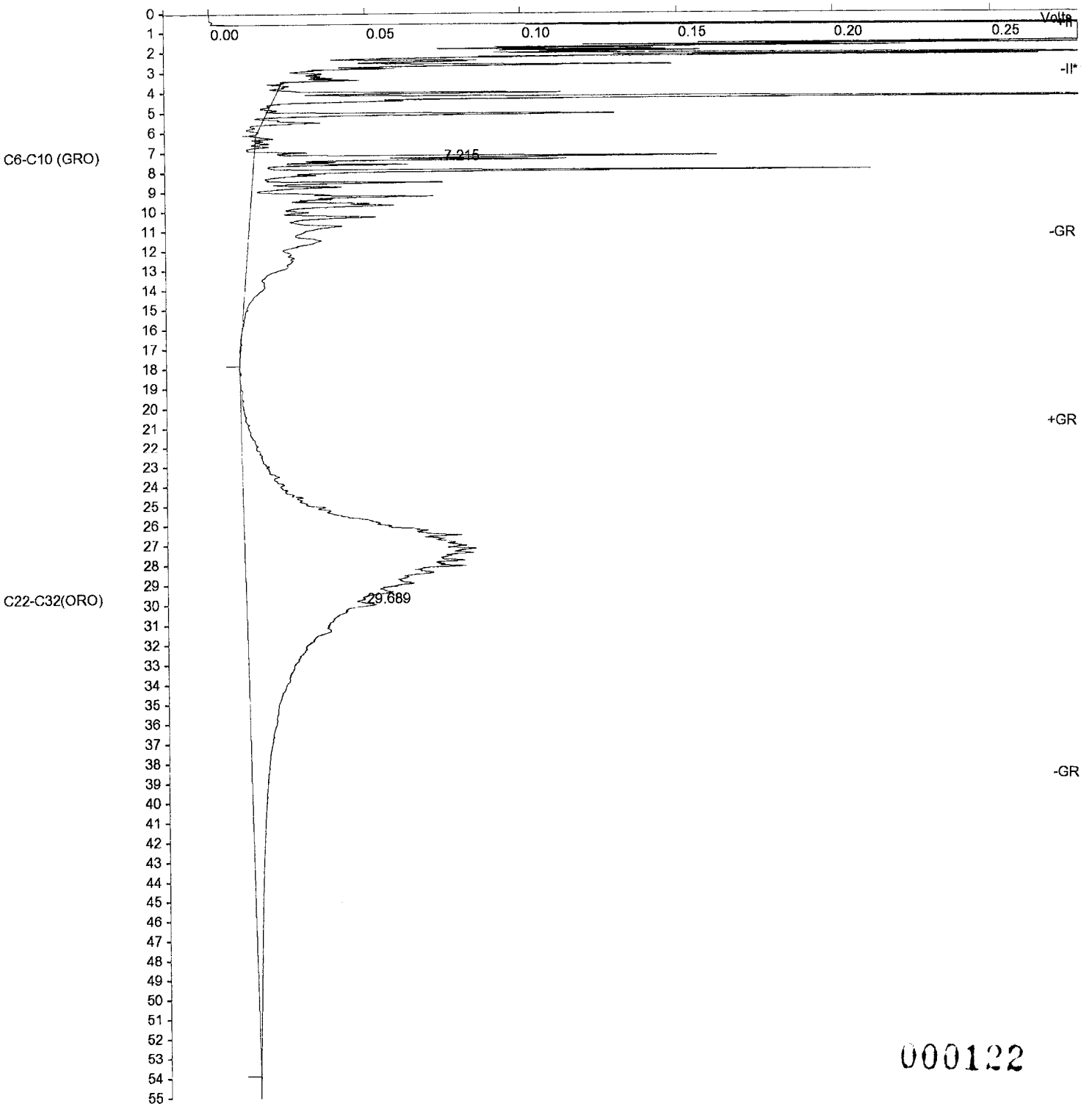
Injection Date: 11/30/02 6:08 PM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000122

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\nov02\g9-11-30-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 11/30/02 6:08 PM Calculation Date: 12/2/02 8:47 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	568.8916	7.215	0.001	12480119	GR	0.0	1	
2	C22-C32(ORO)	502.5053	29.689	0.000	27126764	GR	0.0	3	
	Group 1	568.8916		0.001	12480119				
	Group 3	502.5053		0.000	27126764				
	Totals:	1071.3969		0.001	39606883				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 78 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 192 microVolts

Rack: 3 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

ASSOCIATED LABORATORIES
8015 / 8021 PREP SHEET

BATCH ID: DSLS 11/29/02

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SAMPLE AMOUNT	SURR. ADDED	SPIKE ADDED	INITIAL WT/VOL	FINAL VOLUME	DATE EXT.	COMMENT
1129	3550	10.0g	5	100 ul	—	—	10 ml	11/29	
BLANK 1129	↓	↓	↓	↓	500	—	↓	↓	
LCS 1129					500	—			FOSTER W.
LCSD 1129					—	—			
102766 – 821					—	—			
822					—	—			
823					—	—			
824					—	—			
825					—	—			
826					—	—			
827					—	—			
828					—	—			
829					—	—			
102763 – 752					—	—			
753					—	—			
754					—	—			
755					—	—			
756					—	—			
757					—	—			
758					—	—			
759	↓	↓	↓	↓	—	—	↓	↓	↓

Solvent Manufacturer and Lot # MeCl2 # 023421

Surrogate Lot # g-w-138

Spike Lot # g-w-151

EPA 8260:

Data & QA/QC

VOLATILE ORGANICS INITIAL CALIBRATION DATA

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No: SDG No:

Instrument ID: GCMS # 6 Calibration Date(s): 8/7/02 8/7/02

Calibration Time(s): 18:30 23:14

Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Index: 1	Level: 1	Replicate: 1	Acquired: 8/7/02 18:30	File: c:\saturnws\data\6aug02\aug1054.sms
Index: 2	Level: 2	Replicate: 1	Acquired: 8/7/02 19:17	File: C:\SaturnWS\data\6aug02\aug1055.SMS
Index: 3	Level: 3	Replicate: 1	Acquired: 8/7/02 20:04	File: C:\SaturnWS\data\6aug02\aug1056.SMS
Index: 4	Level: 4	Replicate: 1	Acquired: 8/7/02 20:51	File: c:\saturnws\data\6aug02\aug1057.sms
Index: 5	Level: 5	Replicate: 1	Acquired: 8/7/02 21:39	File: C:\SaturnWS\data\6aug02\aug1058.SMS
Index: 6	Level: 6	Replicate: 1	Acquired: 8/7/02 22:26	File: C:\SaturnWS\data\6aug02\aug1059.SMS
Index: 7	Level: 7	Replicate: 1	Acquired: 8/7/02 23:14	File: C:\SaturnWS\data\6aug02\aug1060.SMS

RRF = (Area(sample)/(Amount(sample))/(Area(standard)/Amount(standard))

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Dichlorodifluoromethane						0.000		0.000	
Chloromethane	0.251	0.196	0.237	0.203	0.190	0.174	0.171	0.203	15.0
Vinyl Chloride	0.439	0.360	0.477	0.413	0.417	0.426	0.447	0.425	8.5
Bromomethane	0.237	0.232	0.221	0.175	0.152	0.088	0.094	0.171	36.9
Trichlorofluoromethane	0.936	0.894	1.005	0.905	0.886	0.890	0.892	0.915	4.7
Trichlorotrifluoroethane (Freon 113)			0.003	0.002	0.002	0.001	0.001	0.002	47.6
1,1-Dichloroethene	0.888	0.917	1.056	1.101	0.989	1.009	1.043	1.000	7.6
Acetone	0.073	0.057	0.053	0.046	0.053	0.048	0.061	0.056	16.3
Carbon disulfide	0.009	0.003	0.001	0.000	0.000	0.000		0.002	155.4
Acetonitrile	0.252	0.258	0.251	0.221	0.223	0.203	0.210	0.231	9.5
Allyl chloride					0.002	0.002	0.002	0.002	4.7
Methylene Chloride	1.826	1.103	1.052	0.943	0.952	0.932	0.958	1.110	29.0
tert-Butanol	0.006	0.020	0.021	0.019		0.021		0.018	35.8

000125

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Methyl-tert-butyl-ether (MTBE)	0.524	0.482	0.493	0.485	0.557	0.560	0.628	0.533	10.0
t-1,2-Dichloroethene	1.064	0.935	0.929	0.770	0.703	0.667	0.623	0.813	20.3
1,1-Dichloroethane	0.674	0.625	0.635	0.567	0.528	0.510	0.492	0.576	12.2
Isopropyl ether	0.893	0.843	0.832	0.746	0.721	0.679	0.675	0.770	11.2
Ethyl-tert-butyl-ether	0.949	0.946	0.921	0.805	0.772	0.725	0.721	0.834	12.2
2,2-Dichloropropane	0.981	0.885	0.916	0.813	0.786	0.778	0.774	0.847	9.5
c-1,2-Dichloroethene	0.860	0.871	0.888	0.829	0.839	0.837	0.856	0.854	2.4
2-Butanone (MEK)	0.087	0.076	0.074	0.066	0.083	0.078	0.095	0.080	11.8
Bromochloromethane	0.471	0.508	0.519	0.490	0.523	0.504	0.539	0.508	4.4
Methacrylonitrile	0.512	0.475	0.493	0.451	0.429	0.425	0.429	0.459	7.6
Chloroform	1.030	1.019	1.060	0.996	1.017	1.024	1.068	1.030	2.4
1,1,1-Trichloroethane	1.307	1.258	1.371	1.261	1.263	1.297	1.350	1.301	3.5
Dibromofluoromethane (Surr1)	0.207	0.217	0.209	0.210	0.212	0.214	0.226	0.214	2.9
Carbon Tetrachloride	0.960	1.004	1.101	1.006	1.013	1.044	1.098	1.032	5.1
1,1-Dichloropropene	0.797	0.624	0.597	0.437	0.391	0.508	0.313	0.524	31.2
Benzene	0.931	0.786	0.791	0.729	0.752	0.751	0.780	0.789	8.4
1,2-Dichloroethane-d4 (Surr2)	0.303	0.295	0.269				0.203	0.268	16.9
1,2-Dichloroethane	0.653	0.630	0.594	0.504	0.483	0.435	0.439	0.534	17.0
tert-Amyl-methyl-ether	1.016	0.951	0.941	0.865	0.898	0.854	0.910	0.919	6.0
Trichloroethene	1.889	1.663	1.754	1.662	1.640	1.601	1.654	1.695	5.7
1,2-Dichloropropane	0.516	0.508	0.479	0.428	0.401	0.376	0.364	0.439	14.2
Dibromomethane	0.578	0.584	0.609	0.552	0.565	0.537	0.571	0.571	4.1
Bromodichloromethane	1.214	1.230	1.232	1.185	1.178	1.175	1.226	1.206	2.1
2-Chloroethyl vinyl ether	0.298	0.286	0.311	0.267	0.285	0.251	0.275	0.282	7.0
c-1,3-Dichloropropene	1.503	1.400	1.382	1.276	1.236	1.201	1.194	1.313	8.9
4-Methyl-2-pentanone	0.389	0.376	0.404	0.361	0.370	0.332	0.352	0.369	6.4
Toluene-d8 (Surr3)	1.490	1.480	1.481	1.430	1.430	1.403	1.386	1.443	2.9
Toluene	4.123	3.621	3.727	3.415	3.323	3.312	3.310	3.547	8.5
t-1,3-Dichloropropene	0.718	0.631	0.627	0.578	0.595	0.002	0.596	0.535	44.8
1,1,2-Trichloroethane	0.578	0.672	0.695	0.661	0.671	0.648	0.679	0.658	5.8
Tetrachloroethene	0.191	0.155	0.156	0.147	0.142	0.142	0.147	0.154	11.0
1,3-Dichloropropane	1.003	0.983	0.989	0.938	0.975	0.948	1.009	0.978	2.7
Dibromochloromethane	0.687	0.735	0.758	0.700	0.738	0.708	0.747	0.725	3.6
1,2-Dibromoethane	0.806	0.783	0.852	0.773	0.824	0.773	0.832	0.806	3.9

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Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
1-Chlorohexane	3.034	2.639	2.670	2.386	2.319	2.229	2.227	2.501	11.8
Chlorobenzene	2.388	2.020	2.112	1.917	1.918	1.936	1.961	2.036	8.3
Ethylbenzene	10.331	8.560	8.577	8.176	8.206	8.552	8.905	8.758	8.4
1,1,1,2-Tetrachloroethane	24.225	5.781	2.246	1.171	0.787	0.624	0.514	5.050	171.4
p,m-Xylenes	9.172	7.293	7.251	6.846	6.766	7.106	7.425	7.408	11.0
o-Xylene	9.005	7.410	7.569	7.283	7.214	7.447	7.613	7.649	8.0
Styrene	5.401	4.590	4.611	4.452	4.571	4.806	5.044	4.782	7.0
Bromoform	1.136	1.025	1.005	0.946	0.986	0.959	1.004	1.009	6.2
Isopropylbenzene	9.768	8.467	8.494	8.019	7.826	8.078	8.319	8.424	7.6
cis-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
p-Bromofluorobenzene (Surr4)	1.404	1.382	1.344	1.356	1.350	1.368	1.388	1.370	1.6
1,1,2,2-Tetrachloroethane	1.458	1.567	1.507	1.349	1.404	1.386	1.450	1.446	5.1
Bromobenzene	4.000	3.668	3.508	3.266	3.120	3.067	3.051	3.383	10.6
n-Propylbenzene	11.098	9.414	9.619	9.181	9.149	9.467	9.800	9.676	6.9
trans-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
1,2,3-Trichloropropane	1.083	0.999	0.927	0.824	0.825	0.776	0.842	0.897	12.4
2-Chlorotoluene	7.825	6.501	6.151	5.826	5.710	5.782	5.900	6.242	12.0
1,3,5-Trimethylbenzene	9.214	7.748	7.752	7.247	7.070	7.273	7.475	7.683	9.4
4-Chlorotoluene	6.528	5.609	5.569	5.388	5.261	5.270	5.393	5.574	7.9
tert-Butylbenzene	12.564	10.652	10.592	9.794	9.456	9.684	9.530	10.325	10.7
1,2,4-Trimethylbenzene	8.218	7.186	7.075	6.575	6.494	6.574	6.643	6.966	8.8
Pentachloroethane		0.034	0.030	0.032	0.029	0.031	0.033	0.031	5.8
sec-Butylbenzene	9.996	8.283	8.328	7.913	7.738	7.890	7.816	8.280	9.5
4-Isopropyltoluene	6.605	5.598	5.590	5.099	4.902	4.961	4.948	5.386	11.4
1,3-Dichlorobenzene	3.957	3.742	3.706	3.528	3.439	3.407	3.451	3.604	5.7
1,4-Dichlorobenzene	4.021	3.479	3.377	3.287	3.257	3.227	3.239	3.412	8.3
Benzyl Chloride	5.145	4.341	4.321	4.052	3.981	4.030	3.997	4.267	9.7
n-Butylbenzene	7.021	5.980	6.124	5.938	5.964	6.192	6.250	6.210	6.1
1,2-Dichlorobenzene	3.323	3.326	3.220	3.096	3.169	3.164	3.256	3.222	2.7
1,2-Dibromo-3-chloropropane	0.493	0.423	0.460	0.440	0.480	0.453	0.520	0.467	7.1
1,2,4-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1
Hexachlorobutadiene	1.531	1.225	1.202	1.165	1.166	1.177	1.223	1.241	10.5
Naphthalene	1.598	1.418	1.353	1.358	1.524	1.531	1.749	1.504	9.5
1,2,3-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1

0001127

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 11/27/02 Time: 14:02

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Lab File ID: c:\saturnws\data\6nov02\nov1554.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.000	0.100	100.0	20.0
Chloromethane	0.203	0.279	0.100	-37.1	20.0
Vinyl Chloride	0.425	0.476	0.100	-11.8	20.0
Bromomethane	0.171	0.000	0.100	100.0	20.0
Trichlorofluoromethane	0.915	1.126	0.100	-23.0	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.155	0.100	-15.5	20.0
Acetone	0.056	0.061	0.100	-8.9	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.000	0.100	100.0	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.330	0.100	-19.8	20.0
tert-Butanol	0.018	0.098	0.100	-460.5	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.467	0.100	12.4	20.0
t-1,2-Dichloroethene	0.813	0.935	0.100	-15.0	20.0
1,1-Dichloroethane	0.576	0.630	0.100	-9.4	20.0
Isopropyl ether	0.770	0.849	0.100	-10.3	20.0
Ethyl-tert-butyl-ether	0.834	0.940	0.100	-12.7	20.0
2,2-Dichloropropane	0.847	0.920	0.100	-8.6	20.0
c-1,2-Dichloroethene	0.854	0.881	0.100	-3.1	20.0
2-Butanone (MEK)	0.080	0.091	0.100	-13.4	20.0
Bromochloromethane	0.508	0.502	0.100	1.1	20.0
Methacrylonitrile	0.459	0.000	0.100	100.0	20.0
Chloroform	1.030	1.029	0.100	0.1	20.0
1,1,1-Trichloroethane	1.301	1.404	0.100	-7.9	20.0
Dibromofluoromethane (Surr1)	0.214	0.229	0.100	-7.1	20.0
Carbon Tetrachloride	1.032	1.093	0.100	-5.8	20.0
1,1-Dichloropropene	0.524	0.278	0.100	47.0	20.0
Benzene	0.789	0.750	0.100	4.9	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.261	0.100	2.2	20.0
1,2-Dichloroethane	0.534	0.562	0.100	-5.2	20.0
tert-Amyl-methyl-ether	0.919	0.865	0.100	5.9	20.0
Trichloroethene	1.695	1.908	0.100	-12.6	20.0
1,2-Dichloropropane	0.439	0.499	0.100	-13.7	20.0
Dibromomethane	0.571	0.628	0.100	-9.9	20.0
Bromodichloromethane	1.206	1.286	0.100	-6.7	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.324	0.100	-15.1	20.0
c-1,3-Dichloropropene	1.313	1.346	0.100	-2.5	20.0
4-Methyl-2-pentanone	0.369	0.435	0.100	-18.0	20.0
Toluene-d8 (Surr3)	1.443	1.476	0.100	-2.3	20.0
Toluene	3.547	3.974	0.100	-12.0	20.0
t-1,3-Dichloropropene	0.535	0.598	0.100	-11.8	20.0
1,1,2-Trichloroethane	0.658	0.708	0.100	-7.6	20.0
Tetrachloroethene	0.154	0.168	0.100	-8.9	20.0
1,3-Dichloropropane	0.978	0.964	0.100	1.4	20.0
Dibromochloromethane	0.725	0.770	0.100	-6.3	20.0
1,2-Dibromoethane	0.806	0.854	0.100	-5.9	20.0
1-Chlorohexane	2.501	2.830	0.100	-13.2	20.0
Chlorobenzene	2.036	2.154	0.100	-5.8	20.0
Ethylbenzene	8.758	8.752	0.100	0.1	20.0
1,1,1,2-Tetrachloroethane	5.050	2.036	0.100	59.7	20.0
p,m-Xylenes	7.408	7.287	0.100	1.6	20.0
o-Xylene	7.649	7.876	0.100	-3.0	20.0
Styrene	4.782	4.580	0.100	4.2	20.0
Bromoform	1.009	1.025	0.100	-1.6	20.0
Isopropylbenzene	8.424	8.892	0.100	-5.5	20.0
cis-1,4-Dichloro-2-butene	0.612	0.600	0.100	2.1	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.429	0.100	-4.3	20.0
1,1,2,2-Tetrachloroethane	1.446	1.442	0.100	0.3	20.0
Bromobenzene	3.383	3.448	0.100	-1.9	20.0
n-Propylbenzene	9.676	10.039	0.100	-3.8	20.0
trans-1,4-Dichloro-2-butene	0.612	0.000	0.100	100.0	20.0
1,2,3-Trichloropropane	0.897	0.922	0.100	-2.8	20.0
2-Chlorotoluene	6.242	6.177	0.100	1.0	20.0
1,3,5-Trimethylbenzene	7.683	8.411	0.100	-9.5	20.0
4-Chlorotoluene	5.574	5.865	0.100	-5.2	20.0
tert-Butylbenzene	10.325	11.573	0.100	-12.1	20.0
1,2,4-Trimethylbenzene	6.966	7.967	0.100	-14.4	20.0
Pentachloroethane	0.031	0.036	0.100	-13.9	20.0
sec-Butylbenzene	8.280	8.963	0.100	-8.2	20.0
4-Isopropyltoluene	5.386	6.003	0.100	-11.5	20.0
1,3-Dichlorobenzene	3.604	3.793	0.100	-5.2	20.0
1,4-Dichlorobenzene	3.412	3.433	0.100	-0.6	20.0
Benzyl Chloride	4.267	4.713	0.100	-10.5	20.0
n-Butylbenzene	6.210	6.702	0.100	-7.9	20.0
1,2-Dichlorobenzene	3.222	3.258	0.100	-1.1	20.0
1,2-Dibromo-3-chloropropane	0.467	0.432	0.100	7.4	20.0
1,2,4-Trichlorobenzene	1.625	1.674	0.100	-3.0	20.0
Hexachlorobutadiene	1.241	1.269	0.100	-2.2	20.0
Naphthalene	1.504	1.324	0.100	12.0	20.0
1,2,3-Trichlorobenzene	1.625	1.349	0.100	17.0	20.0

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 11/28/02 Time: 1:45

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

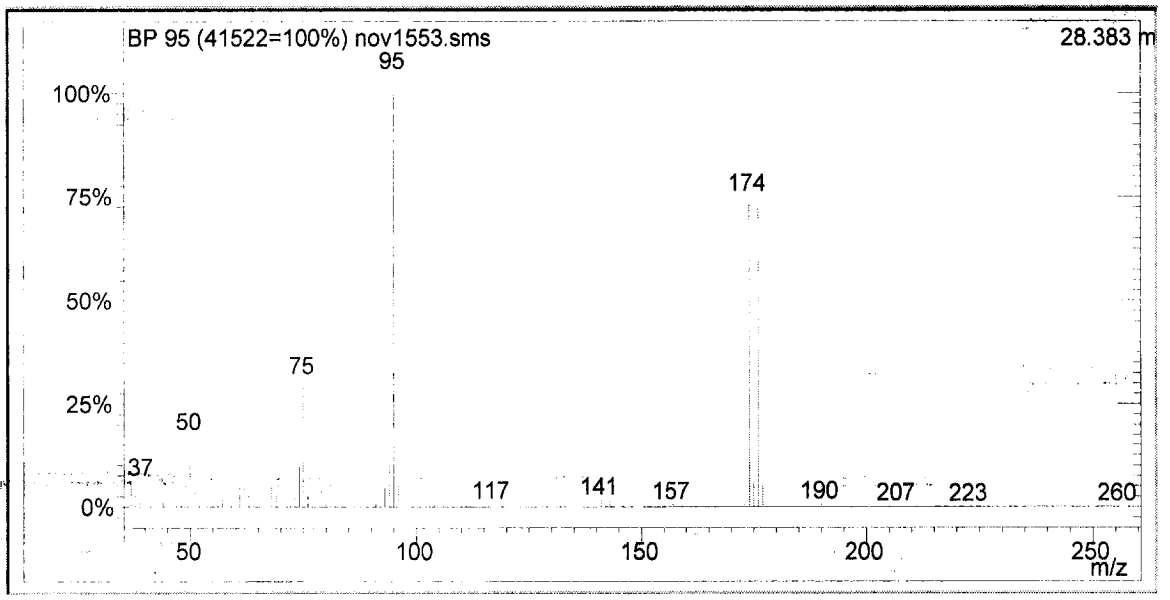
Lab File ID: c:\saturnws\data\6nov02\nov1569.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.001	0.100	-81.1	20.0
Chloromethane	0.203	0.278	0.100	-36.6	20.0
Vinyl Chloride	0.425	0.493	0.100	-15.9	20.0
Bromomethane	0.171	0.217	0.100	-27.0	20.0
Trichlorofluoromethane	0.915	1.182	0.100	-29.2	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.278	0.100	-27.8	20.0
Acetone	0.056	0.055	0.100	2.2	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.000	0.100	100.0	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.355	0.100	-22.1	20.0
tert-Butanol	0.018	0.062	0.100	-253.4	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.493	0.100	7.4	20.0
t-1,2-Dichloroethene	0.813	0.980	0.100	-20.6	20.0
1,1-Dichloroethane	0.576	0.663	0.100	-15.1	20.0
Isopropyl ether	0.770	0.897	0.100	-16.5	20.0
Ethyl-tert-butyl-ether	0.834	0.950	0.100	-13.9	20.0
2,2-Dichloropropane	0.847	0.899	0.100	-6.0	20.0
c-1,2-Dichloroethene	0.854	0.915	0.100	-7.1	20.0
2-Butanone (MEK)	0.080	0.084	0.100	-5.0	20.0
Bromochloromethane	0.508	0.543	0.100	-6.9	20.0
Methacrylonitrile	0.459	0.000	0.100	100.0	20.0
Chloroform	1.030	1.114	0.100	-8.1	20.0
1,1,1-Trichloroethane	1.301	1.429	0.100	-9.9	20.0
Dibromofluoromethane (Surr1)	0.214	0.231	0.100	-7.9	20.0
Carbon Tetrachloride	1.032	1.144	0.100	-10.8	20.0
1,1-Dichloropropene	0.524	0.008	0.100	98.5	20.0
Benzene	0.789	0.794	0.100	-0.6	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.268	0.100	-0.4	20.0
1,2-Dichloroethane	0.534	0.604	0.100	-13.1	20.0
tert-Amyl-methyl-ether	0.919	0.969	0.100	-5.4	20.0
Trichloroethene	1.695	1.916	0.100	-13.0	20.0
1,2-Dichloropropane	0.439	0.529	0.100	-20.4	20.0
Dibromomethane	0.571	0.637	0.100	-11.5	20.0
Bromodichloromethane	1.206	1.251	0.100	-3.8	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.327	0.100	-15.9	20.0
c-1,3-Dichloropropene	1.313	1.333	0.100	-1.5	20.0
4-Methyl-2-pentanone	0.369	0.446	0.100	-20.8	20.0
Toluene-d8 (Surr3)	1.443	1.537	0.100	-6.5	20.0
Toluene	3.547	4.041	0.100	-13.9	20.0
t-1,3-Dichloropropene	0.535	0.585	0.100	-9.4	20.0
1,1,2-Trichloroethane	0.658	0.715	0.100	-8.7	20.0
Tetrachloroethene	0.154	0.170	0.100	-10.4	20.0
1,3-Dichloropropane	0.978	0.995	0.100	-1.7	20.0
Dibromochloromethane	0.725	0.779	0.100	-7.5	20.0
1,2-Dibromoethane	0.806	0.837	0.100	-3.8	20.0
1-Chlorohexane	2.501	2.921	0.100	-16.8	20.0
Chlorobenzene	2.036	2.106	0.100	-3.5	20.0
Ethylbenzene	8.758	8.840	0.100	-0.9	20.0
1,1,1,2-Tetrachloroethane	5.050	2.103	0.100	58.3	20.0
p,m-Xylenes	7.408	7.571	0.100	-2.2	20.0
o-Xylene	7.649	7.586	0.100	0.8	20.0
Styrene	4.782	4.606	0.100	3.7	20.0
Bromoform	1.009	1.007	0.100	0.2	20.0
Isopropylbenzene	8.424	9.207	0.100	-9.3	20.0
cis-1,4-Dichloro-2-butene	0.612	0.586	0.100	4.3	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.387	0.100	-1.2	20.0
1,1,2,2-Tetrachloroethane	1.446	1.358	0.100	6.0	20.0
Bromobenzene	3.383	3.338	0.100	1.3	20.0
n-Propylbenzene	9.676	9.879	0.100	-2.1	20.0
trans-1,4-Dichloro-2-butene	0.612	0.586	0.100	4.3	20.0
1,2,3-Trichloropropane	0.897	0.888	0.100	0.9	20.0
2-Chlorotoluene	6.242	6.158	0.100	1.3	20.0
1,3,5-Trimethylbenzene	7.683	8.324	0.100	-8.3	20.0
4-Chlorotoluene	5.574	5.699	0.100	-2.2	20.0
tert-Butylbenzene	10.325	11.239	0.100	-8.9	20.0
1,2,4-Trimethylbenzene	6.966	7.598	0.100	-9.1	20.0
Pentachloroethane	0.031	0.035	0.100	-12.0	20.0
sec-Butylbenzene	8.280	8.981	0.100	-8.5	20.0
4-Isopropyltoluene	5.386	5.854	0.100	-8.7	20.0
1,3-Dichlorobenzene	3.604	3.751	0.100	-4.1	20.0
1,4-Dichlorobenzene	3.412	3.458	0.100	-1.3	20.0
Benzyl Chloride	4.267	4.615	0.100	-8.2	20.0
n-Butylbenzene	6.210	6.552	0.100	-5.5	20.0
1,2-Dichlorobenzene	3.222	3.149	0.100	2.2	20.0
1,2-Dibromo-3-chloropropane	0.467	0.428	0.100	8.3	20.0
1,2,4-Trichlorobenzene	1.625	1.599	0.100	1.6	20.0
Hexachlorobutadiene	1.241	1.241	0.100	0.1	20.0
Naphthalene	1.504	1.350	0.100	10.2	20.0
1,2,3-Trichlorobenzene	1.625	1.433	0.100	11.8	20.0

BFB 8260B Report



Lab File ID nov1553.sms

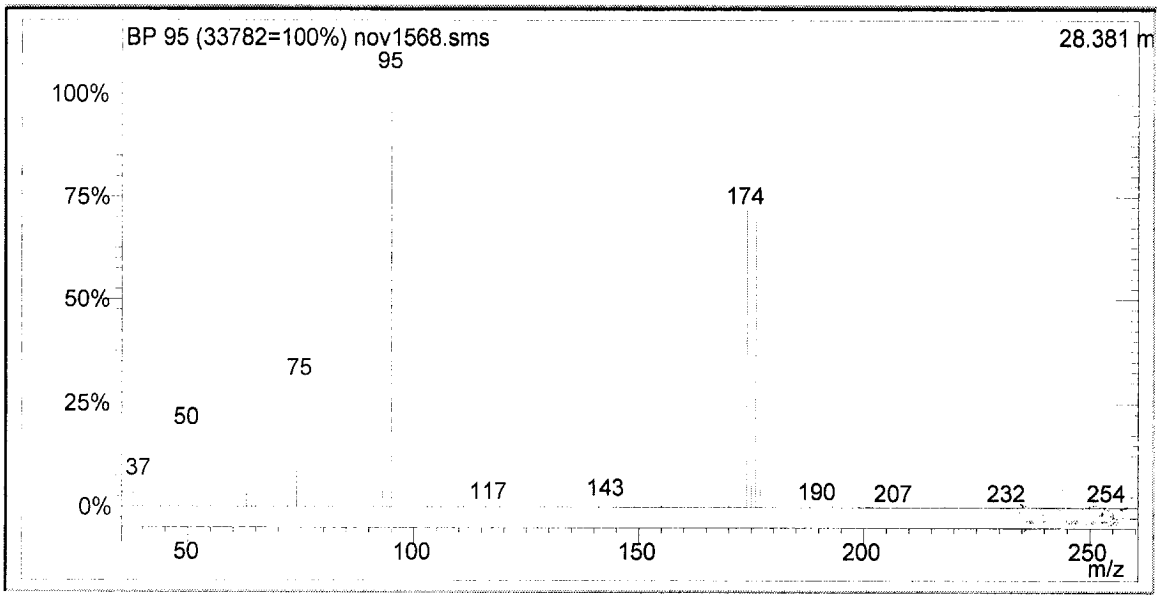
Injection Date: 11/27/02

Injection Time: 13:15

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	17.62	PASS
75	30-60% of m/z 95	31.17	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	5.94	PASS
173	<2% of m/z 174	0.79	PASS
174	>50% of m/z 95	75.16	PASS
175	5-9% of m/z 174	8.08	PASS
176	>95% but <101% of m/z 174	96.19	PASS
177	5-9% of m/z 176	6.82	PASS

000132

BFB 8260B Report



Lab File ID nov1568.sms

Injection Date: 11/28/02

Injection Time: 0:58

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	18.57	PASS
75	30-60% of m/z 95	30.42	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	6.52	PASS
173	<2% of m/z 174	0.78	PASS
174	>50% of m/z 95	72.13	PASS
175	5-9% of m/z 174	7.99	PASS
176	>95% but <101% of m/z 174	96.89	PASS
177	5-9% of m/z 176	6.66	PASS

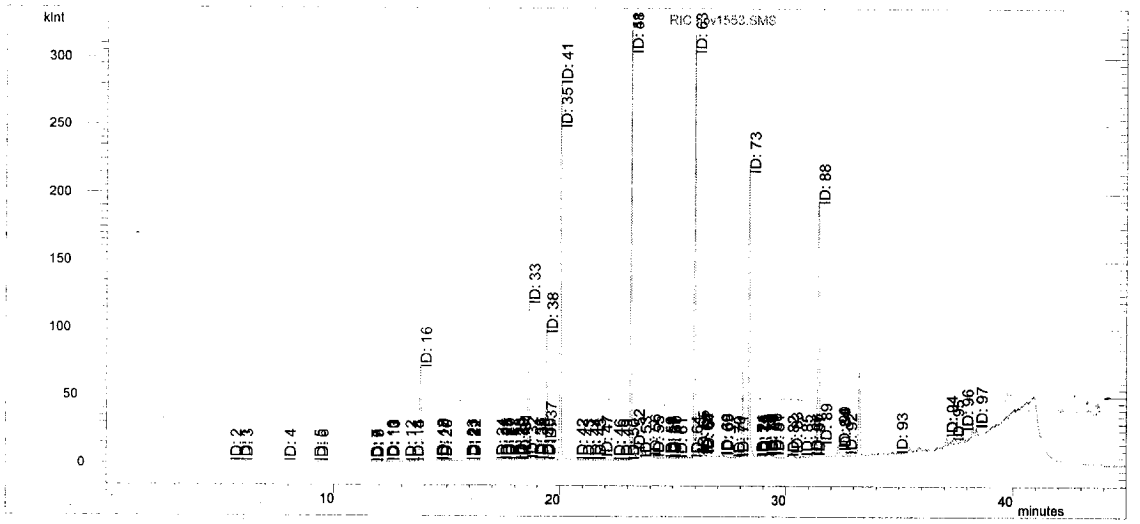
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1553.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 1 **Acquisition Dat** 11/27/02 1:15:11 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.008	96+70	Fluorobenzene (IS1)	998	455604	50.000
63	25.960	117	Chlorobenzene-d5(IS2)	983	258253	50.000
88	31.438	152	1,4-Dichlorobenzene-d4(IS3)	976	117622	50.000
1	5.857	85	Dichlorodifluoromethane	97	0	0.000
2	5.458	50+52	Chloromethane	465	0	0.000
3	5.947	62+64	Vinyl Chloride	615	0	0.000
4	7.845	94+96	Bromomethane	743	0	0.000
5	9.152	49	Chloroethane	642	0	0.000
6	9.269	101+103	Trichlorofluoromethane	847	195	0.023
7	11.642	101+151	Trichlorotrifluoroethane (Freon 113)	563	0	0.000
8	11.693	56	Acrolein	698	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	806	0	0.000
10	12.350	142	Iodomethane	927	214	214.430
11	12.384	43+58	Acetone	695	0	0.000
12	13.169	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.411	76	Carbon disulfide	966	0	0.000
14	13.489	41	Acetonitrile	338	0	0.000
15	13.489	41	Allyl chloride	628	0	0.000
16	13.826	84+49+86	Methylene Chloride	998	163130	16.134
17	14.610	59	tert-Butanol	455	0	0.000
18	14.570	73	Methyl-tert-butyl-ether (MTBE)	872	0	0.000
19	14.558	61+96	t-1,2-Dichloroethene	861	0	0.000
20	14.724	53	Acrylonitrile	638	0	0.000
21	15.944	63	1,1-Dichloroethane	691	0	0.000
22	16.007	43	Vinyl acetate	88	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.865	45	Isopropyl ether	347	0	0.000
24	17.187	59	Ethyl-tert-butyl-ether	701	0	0.000
25	17.392	77+41	2,2-Dichloropropane	507	0	0.000
26	17.495	61+96	c-1,2-Dichloroethene	854	0	0.000
27	17.597	43+72	2-Butanone (MEK)	256	0	0.000
28	17.968	54	Propionitrile	560	0	0.000
29	18.062	130+49	Bromochloromethane	893	531	0.115
30	18.138	39	Methacrylonitrile	481	0	0.000
31	18.236	83+85	Chloroform	995	7159	0.763
32	18.548	97+99	1,1,1-Trichloroethane	661	0	0.000
33	18.613	111	Dibromofluoromethane (Surr1)	792	105743	54.333
34	18.999	117+119	Carbon Tetrachloride	645	0	0.000
35	20.000	42+72	Tetrahydrofuran	308	254	253.685
36	18.897	75+39	1,1-Dichloropropene	570	0	0.000
37	19.369	78	Benzene	773	592	0.082
38	19.409	65	1,2-Dichloroethane-d4 (Surr2)	933	133042	54.667
39	19.216	62+64	1,2-Dichloroethane	526	0	0.000
40	19.307	73+55+87	tert-Amyl-methyl-ether	616	0	0.000
42	20.740	130+132+95	Trichloroethene	829	0	0.000
43	21.024	41	Methyl methacrylate	353	0	0.000
44	21.332	63+65	1,2-Dichloropropane	427	0	0.000
45	21.549	93+174	Dibromomethane	877	0	0.000
46	22.410	88	1,4-Dioxane	534	0	0.000
47	21.835	83+85	Bromodichloromethane	941	3290	0.528
48	23.136	63+43	2-Chloroethyl vinyl ether	301	3688	2.533
49	22.717	75+77+39	c-1,3-Dichloropropene	596	0	0.000
50	23.010	43+58	4-Methyl-2-pentanone	368	0	0.000
51	23.137	98	Toluene-d8 (Surr3)	993	409888	55.001
52	23.271	92+91	Toluene	926	4580	0.250
53	23.556	69	Ethyl methacrylate	377	0	0.000
54	24.685	43+58+100	2-Hexanone	504	0	0.000
55	24.132	75+77	t-1,3-Dichloropropene	472	0	0.000
56	23.979	97+99	1,1,2-Trichloroethane	417	0	0.000
57	24.799	164+166	Tetrachloroethene	575	0	0.000
58	24.685	76+41	1,3-Dichloropropane	608	0	0.000
59	24.697	43	Isobutyl alcohol	485	0	0.000
60	24.890	129+127	Dibromochloromethane	866	0	0.000
61	25.158	107+109	1,2-Dibromoethane	702	0	0.000
62	26.294	91	1-Chlorohexane	786	0	0.000
64	25.825	112+114	Chlorobenzene	423	0	0.000
65	26.117	106+91	Ethylbenzene	900	0	0.000
66	26.271	131+117	1,1,1,2-Tetrachloroethane	274	0	0.000
67	26.349	106+91	p,m-Xylenes	989	0	0.000
68	27.154	106+91	o-Xylene	956	0	0.000
69	27.206	104+78	Styrene	899	0	0.000
70	27.695	171+173+175	Bromoform	829	0	0.000
71	27.872	105+120	Isopropylbenzene	946	0	0.000
72	28.876	75	cis-1,4-Dichloro-2-butene	605	0	0.000
73	28.371	95	p-Bromofluorobenzene (Surr4)	988	163799	50.816
74	28.710	83+85	1,1,2,2-Tetrachloroethane	517	0	0.000
75	28.761	77+158	Bromobenzene	943	0	0.000
76	28.825	91+120	n-Propylbenzene	948	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.172	75	trans-1,4-Dichloro-2-butene	450	0	0.000
78	29.120	75+110	1,2,3-Trichloropropane	661	0	0.000
79	29.172	91+126	2-Chlorotoluene	964	0	0.000
80	29.337	105+120	1,3,5-Trimethylbenzene	969	0	0.000
81	29.451	91+126	4-Chlorotoluene	956	0	0.000
82	30.094	119+91	tert-Butylbenzene	925	0	0.000
83	30.253	105+120	1,2,4-Trimethylbenzene	989	4006	0.244
84	32.391	117	Pentachloroethane	979	0	0.000
85	30.702	105+134	sec-Butylbenzene	985	2409	0.124
86	31.147	119	4-Isopropyltoluene	966	0	0.000
87	31.238	146+148	1,3-Dichlorobenzene	920	0	0.000
89	31.555	146+148	1,4-Dichlorobenzene	484	0	0.000
90	32.347	91	Benzyl Chloride	981	6934	0.691
91	32.346	91+134	n-Butylbenzene	976	9720	0.665
92	32.660	146+148	1,2-Dichlorobenzene	947	1232	0.163
93	34.903	75+157	1,2-Dibromo-3-chloropropane	628	0	0.000
94	37.095	180+182	1,2,4-Trichlorobenzene	973	6418	1.679
95	37.376	225+226	Hexachlorobutadiene	968	0	0.000
96	37.786	128	Naphthalene	979	9901	2.798
97	38.407	180+182	1,2,3-Trichlorobenzene	978	5906	1.545

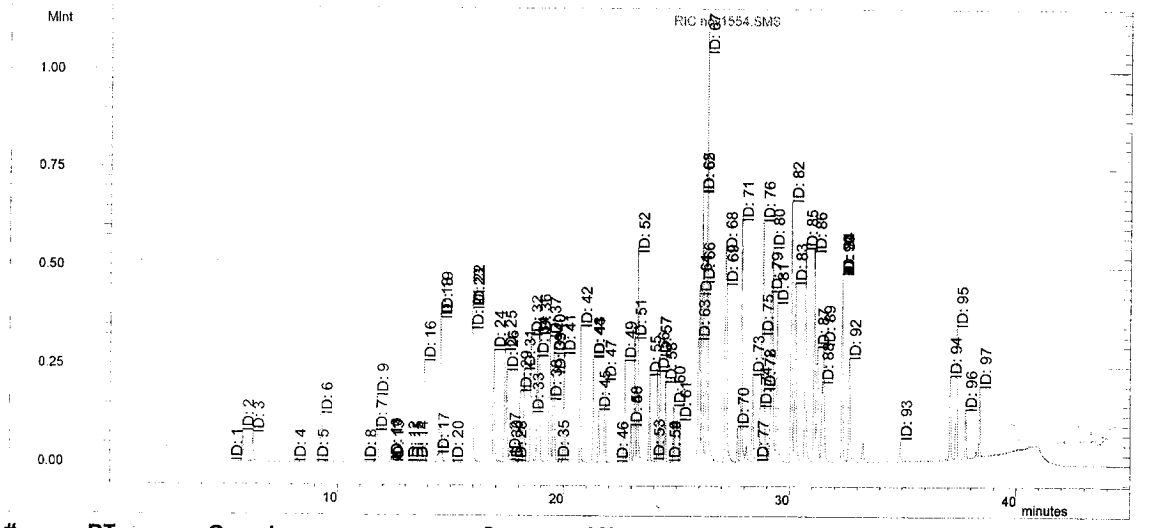
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1554.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv **Acquisition Dat** 11/27/02 2:02:06 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.013	96+70	Fluorobenzene (IS1)	999	456819	50.000
63	25.962	117	Chlorobenzene-d5(IS2)	982	261895	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	968	121841	50.000
1	5.332	85	Dichlorodifluoromethane	583	0	0.000
2	5.828	50+52	Chloromethane	994	127299	68.565
3	6.278	62+64	Vinyl Chloride	999	217285	55.894
4	8.124	94+96	Bromomethane	833	0	0.000
5	9.101	49	Chloroethane	443	0	0.000
6	9.274	101+103	Trichlorofluoromethane	993	514250	61.485
7	11.702	101+151	Trichlorotrifluoroethane (Freon 113)	831	0	0.000
8	11.227	56	Acrolein	841	0	0.000
9	11.740	96+61+98	1,1-Dichloroethene	998	527676	57.742
10	12.349	142	Iodomethane	954	1815	1815.486
11	12.366	43+58	Acetone	976	27783	54.458
12	13.128	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.438	76	Carbon disulfide	930	0	0.000
14	13.503	41	Acetonitrile	520	0	0.000
15	13.298	41	Allyl chloride	729	0	0.000
16	13.834	84+49+86	Methylene Chloride	997	607468	59.921
17	14.434	59	tert-Butanol	576	44980	280.225
18	14.541	73	Methyl-tert-butyl-ether (MTBE)	929	213162	43.795
19	14.558	61+96	t-1,2-Dichloroethene	988	426998	57.488
20	15.072	53	Acrylonitrile	523	0	0.000
21	15.939	63	1,1-Dichloroethane	984	287795	54.699
22	15.964	43	Vinyl acetate	893	155655	155654.800

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.965	45	Isopropyl ether	991	387747	55.138
24	16.910	59	Ethyl-tert-butyl-ether	999	429362	56.334
25	17.389	77+41	2,2-Dichloropropane	993	420355	54.296
26	17.481	61+96	c-1,2-Dichloroethene	991	402244	51.542
27	17.591	43+72	2-Butanone (MEK)	966	41459	56.711
28	17.860	54	Propionitrile	178	0	0.000
29	18.066	130+49	Bromochloromethane	997	229393	49.465
30	17.679	39	Methacrylonitrile	407	0	0.000
31	18.239	83+85	Chloroform	999	470006	49.928
32	18.546	97+99	1,1,1-Trichloroethane	983	641384	53.965
33	18.617	111	Dibromofluoromethane (Surr1)	942	104470	53.537
34	18.835	117+119	Carbon Tetrachloride	961	499208	52.924
35	19.741	42+72	Tetrahydrofuran	628	0	0.000
36	18.920	75+39	1,1-Dichloropropene	993	126856	26.506
37	19.372	78	Benzene	996	342515	47.544
38	19.415	65	1,2-Dichloroethane-d4 (Surr2)	983	119266	48.876
39	19.583	62+64	1,2-Dichloroethane	985	256610	52.578
40	19.546	73+55+87	tert-Amyl-methyl-ether	977	395300	47.072
42	20.743	130+132+95	Trichloroethene	988	499796	56.304
43	21.308	41	Methyl methacrylate	525	100253	100253.200
44	21.307	63+65	1,2-Dichloropropane	999	130758	56.862
45	21.558	93+174	Dibromomethane	955	164356	54.960
46	22.364	88	1,4-Dioxane	456	14	14.153
47	21.835	83+85	Bromodichloromethane	990	336900	53.350
48	22.969	63+43	2-Chloroethyl vinyl ether	989	84965	57.531
49	22.710	75+77+39	c-1,3-Dichloropropene	991	352571	51.251
50	22.969	43+58	4-Methyl-2-pentanone	989	114014	58.987
51	23.141	98	Toluene-d8 (Surr3)	993	386533	51.146
52	23.272	92+91	Toluene	996	1040890	56.019
53	23.991	69	Ethyl methacrylate	470	0	0.000
54	24.690	43+58+100	2-Hexanone	547	0	0.000
55	23.804	75+77	t-1,3-Dichloropropene	646	156627	55.875
56	24.165	97+99	1,1,2-Trichloroethane	972	185335	53.785
57	24.278	164+166	Tetrachloroethene	963	43997	54.433
58	24.504	76+41	1,3-Dichloropropane	987	252503	49.301
59	24.690	43	Isobutyl alcohol	602	0	0.000
60	24.890	129+127	Dibromochloromethane	955	201652	53.126
61	25.163	107+109	1,2-Dibromoethane	982	223545	52.946
62	26.121	91	1-Chlorohexane	998	741289	56.598
64	26.018	112+114	Chlorobenzene	992	564107	52.898
65	26.121	106+91	Ethylbenzene	998	1066309	49.962
66	26.162	131+117	1,1,1,2-Tetrachloroethane	982	248100	20.163
67	26.339	106+91	p,m-Xylenes	996	1775792	98.368
68	27.156	106+91	o-Xylene	998	959607	51.485
69	27.201	104+78	Styrene	988	558019	47.884
70	27.706	171+173+175	Bromoform	930	124843	50.796
71	27.878	105+120	Isopropylbenzene	999	1083363	52.773
72	28.875	75	cis-1,4-Dichloro-2-butene	971	73051	48.973
73	28.374	95	p-Bromofluorobenzene (Surr4)	987	174066	52.131
74	28.702	83+85	1,1,2,2-Tetrachloroethane	970	175659	49.858
75	28.762	77+158	Bromobenzene	989	420112	50.961
76	28.820	91+120	n-Propylbenzene	996	1223117	51.876

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.578	75	trans-1,4-Dichloro-2-butene	433	0	0.000
78	28.875	75+110	1,2,3-Trichloropropane	967	112309	51.400
79	29.164	91+126	2-Chlorotoluene	991	752571	49.476
80	29.237	105+120	1,3,5-Trimethylbenzene	998	1024774	54.739
81	29.446	91+126	4-Chlorotoluene	991	714580	52.607
82	30.083	119+91	tert-Butylbenzene	986	1410031	56.045
83	30.253	105+120	1,2,4-Trimethylbenzene	995	970707	57.183
84	32.336	117	Pentachloroethane	990	4341	56.961
85	30.704	105+134	sec-Butylbenzene	996	1092116	54.125
86	31.098	119	4-Isopropyltoluene	987	731410	55.726
87	31.233	146+148	1,3-Dichlorobenzene	989	462177	52.621
89	31.513	146+148	1,4-Dichlorobenzene	980	418279	50.300
90	32.332	91	Benzyl Chloride	991	574247	55.231
91	32.332	91+134	n-Butylbenzene	991	816564	53.963
92	32.647	146+148	1,2-Dichlorobenzene	985	396898	50.555
93	34.923	75+157	1,2-Dibromo-3-chloropropane	963	52667	46.278
94	37.090	180+182	1,2,4-Trichlorobenzene	976	203995	51.516
95	37.363	225+226	Hexachlorobutadiene	981	154626	51.118
96	37.784	128	Naphthalene	982	161335	44.008
97	38.405	180+182	1,2,3-Trichlorobenzene	983	164412	41.520

Soil gc

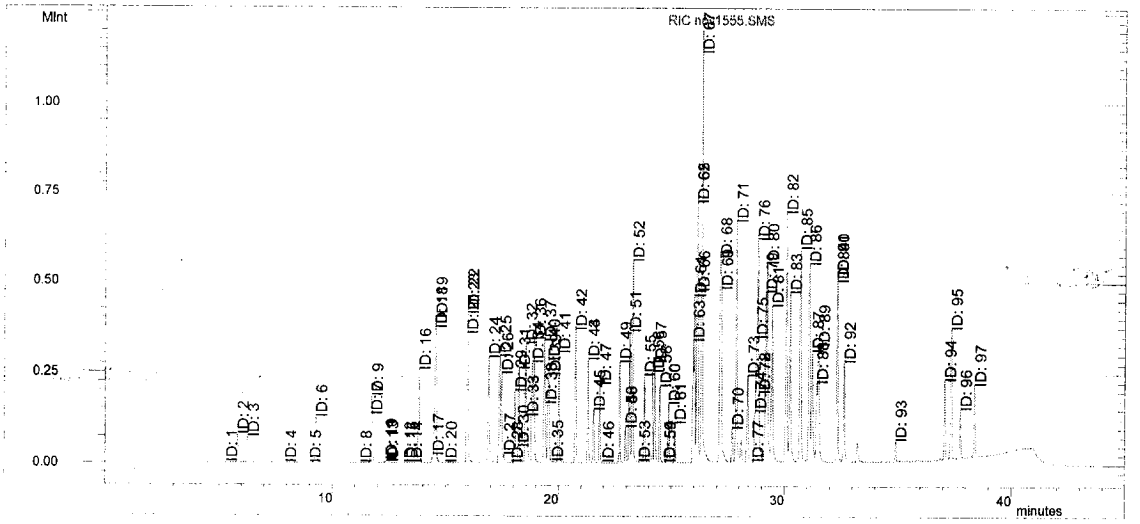
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1555.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 1 **Acquisition Dat** 11/27/02 2:49:05 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.012	96+70	Fluorobenzene (IS1)	999	484191	50.000
63	25.961	117	Chlorobenzene-d5(IS2)	988	275737	50.000
88	31.440	152	1,4-Dichlorobenzene-d4(IS3)	972	125385	50.000
1	5.335	85	Dichlorodifluoromethane	618	271	78.953
2	5.827	50+52	Chloromethane	993	131203	66.672
3	6.277	62+64	Vinyl Chloride	998	226079	54.869
4	7.944	94+96	Bromomethane	660	0	0.000
5	9.009	49	Chloroethane	113	0	0.000
6	9.277	101+103	Trichlorofluoromethane	994	531062	59.906
7	11.715	101+151	Trichlorotrifluoroethane (Freon 113)	832	0	0.000
8	11.251	56	Acrolein	698	0	0.000
9	11.740	96+61+98	1,1-Dichloroethene	999	565082	58.339
10	12.350	142	Iodomethane	951	1835	1835.125
11	12.362	43+58	Acetone	969	27638	51.112
12	13.181	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.423	76	Carbon disulfide	849	0	0.000
14	13.489	41	Acetonitrile	572	0	0.000
15	13.283	41	Allyl chloride	753	0	0.000
16	13.834	84+49+86	Methylene Chloride	999	617493	57.467
17	14.432	59	tert-Butanol	589	44110	259.268
18	14.540	73	Methyl-tert-butyl-ether (MTBE)	933	217428	42.146
19	14.558	61+96	t-1,2-Dichloroethene	988	445617	56.603
20	15.007	53	Acrylonitrile	747	0	0.000
21	15.939	63	1,1-Dichloroethane	982	300698	53.920
22	15.963	43	Vinyl acetate	863	163107	163107.400

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.965	45	Isopropyl ether	992	410050	55.013
24	16.909	59	Ethyl-tert-butyl-ether	999	430216	53.255
25	17.389	77+41	2,2-Dichloropropane	993	435920	53.124
26	17.481	61+96	c-1,2-Dichloroethene	991	424478	51.316
27	17.592	43+72	2-Butanone (MEK)	966	41548	53.620
28	17.934	54	Propionitrile	600	0	0.000
29	18.066	130+49	Bromochloromethane	997	245938	50.035
30	18.198	39	Methacrylonitrile	465	0	0.000
31	18.239	83+85	Chloroform	1000	505714	50.684
32	18.546	97+99	1,1,1-Trichloroethane	983	649052	51.523
33	18.616	111	Dibromofluoromethane (Surr1)	939	108972	52.687
34	18.834	117+119	Carbon Tetrachloride	967	518991	51.911
35	19.711	42+72	Tetrahydrofuran	555	0	0.000
36	18.919	75+39	1,1-Dichloropropene	994	127274	25.090
37	19.372	78	Benzene	996	367541	48.134
38	19.415	65	1,2-Dichloroethane-d4 (Surr2)	985	125744	48.618
39	19.582	62+64	1,2-Dichloroethane	974	272446	52.667
40	19.546	73+55+87	tert-Amyl-methyl-ether	972	418798	47.050
42	20.742	130+132+95	Trichloroethene	987	524771	56.150
43	21.306	41	Methyl methacrylate	540	104821	104821.100
44	21.306	63+65	1,2-Dichloropropane	998	142083	58.685
45	21.559	93+174	Dibromomethane	957	178477	56.685
46	21.976	88	1,4-Dioxane	551	0	0.000
47	21.834	83+85	Bromodichloromethane	988	344000	51.739
48	22.968	63+43	2-Chloroethyl vinyl ether	989	86599	55.694
49	22.709	75+77+39	c-1,3-Dichloropropene	991	372278	51.399
50	22.968	43+58	4-Methyl-2-pentanone	989	116661	57.326
51	23.140	98	Toluene-d8 (Surr3)	993	440522	55.363
52	23.270	92+91	Toluene	997	1120899	57.297
53	23.564	69	Ethyl methacrylate	468	0	0.000
54	24.692	43+58+100	2-Hexanone	483	0	0.000
55	23.801	75+77	t-1,3-Dichloropropene	660	161833	54.834
56	24.164	97+99	1,1,2-Trichloroethane	972	194015	53.477
57	24.275	164+166	Tetrachloroethene	947	44333	52.094
58	24.503	76+41	1,3-Dichloropropane	986	263503	48.866
59	24.704	43	Isobutyl alcohol	599	0	0.000
60	24.889	129+127	Dibromochloromethane	951	218951	54.787
61	25.161	107+109	1,2-Dibromoethane	983	227633	51.207
62	26.120	91	1-Chlorohexane	997	768577	55.736
64	26.016	112+114	Chlorobenzene	992	578347	51.511
65	26.120	106+91	Ethylbenzene	997	1105595	50.338
66	26.160	131+117	1,1,1,2-Tetrachloroethane	982	262276	20.712
67	26.339	106+91	p,m-Xylenes	996	1926071	103.676
68	27.154	106+91	o-Xylene	998	978151	50.996
69	27.199	104+78	Styrene	988	590508	49.240
70	27.705	171+173+175	Bromoform	934	127835	50.543
71	27.877	105+120	Isopropylbenzene	999	1143334	54.119
72	28.874	75	cis-1,4-Dichloro-2-butene	968	74662	48.638
73	28.373	95	p-Bromofluorobenzene (Surr4)	987	182721	53.176
74	28.700	83+85	1,1,2,2-Tetrachloroethane	971	174090	48.015
75	28.761	77+158	Bromobenzene	985	436346	51.434
76	28.818	91+120	n-Propylbenzene	995	1278494	52.692

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.584	75	trans-1,4-Dichloro-2-butene	411	0	0.000
78	28.874	75+110	1,2,3-Trichloropropane	967	112864	50.194
79	29.162	91+126	2-Chlorotoluene	991	793380	50.684
80	29.235	105+120	1,3,5-Trimethylbenzene	998	1083843	56.258
81	29.446	91+126	4-Chlorotoluene	992	743545	53.192
82	30.083	119+91	tert-Butylbenzene	984	1467469	56.679
83	30.254	105+120	1,2,4-Trimethylbenzene	995	994981	56.956
84	32.326	117	Pentachloroethane	989	4561	58.149
85	30.702	105+134	sec-Butylbenzene	996	1133430	54.584
86	31.096	119	4-Isopropyltoluene	988	763973	56.561
87	31.232	146+148	1,3-Dichlorobenzene	984	486687	53.845
89	31.511	146+148	1,4-Dichlorobenzene	973	460065	53.761
90	32.331	91	Benzyl Chloride	990	607615	56.789
91	32.331	91+134	n-Butylbenzene	990	865331	55.569
92	32.646	146+148	1,2-Dichlorobenzene	985	412654	51.076
93	34.921	75+157	1,2-Dibromo-3-chloropropane	975	54579	46.602
94	37.087	180+182	1,2,4-Trichlorobenzene	976	217228	53.307
95	37.362	225+226	Hexachlorobutadiene	981	161524	51.889
96	37.781	128	Naphthalene	982	174849	46.346
97	38.403	180+182	1,2,3-Trichlorobenzene	983	186066	45.660

Associated Laboratories

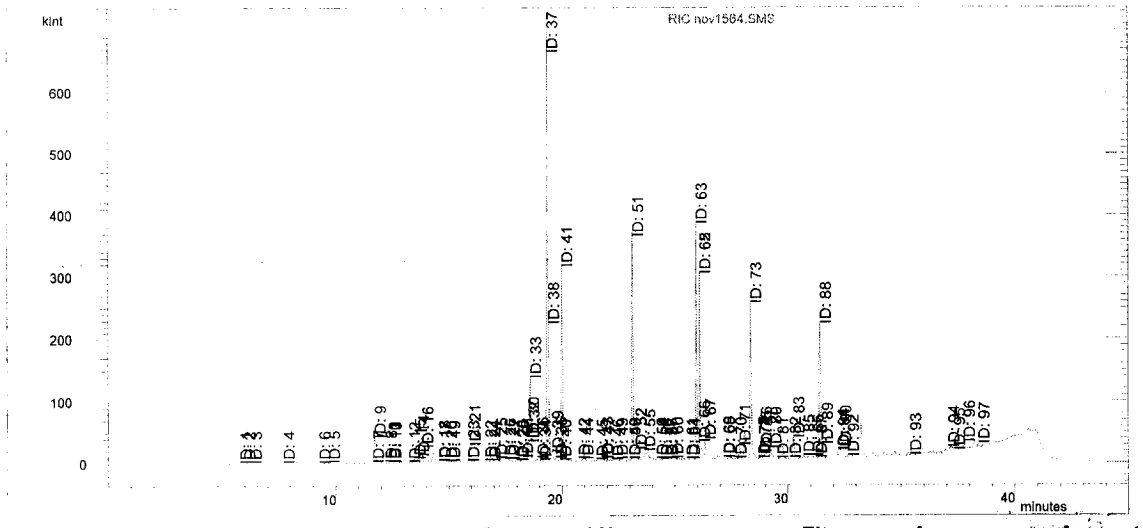
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1564.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-821 5.90g **Acquisition Dat** 11/27/02 9:51:21 PM

Inj. Notes: **Operator Name:** dp

0.85



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.005	96+70	Fluorobenzene (IS1)	999	520821	50.000
63	25.955	117	Chlorobenzene-d5(IS2)	989	316246	50.000
88	31.432	152	1,4-Dichlorobenzene-d4(IS3)	975	138275	50.000
1	5.805	85	Dichlorodifluoromethane	80	0	0.000
2	5.987	50+52	Chloromethane	525	0	0.000
3	6.258	62+64	Vinyl Chloride	846	232	0.052
4	7.715	94+96	Bromomethane	876	0	0.000
5	9.692	49	Chloroethane	116	0	0.000
6	9.270	101+103	Trichlorofluoromethane	654	0	0.000
7	11.641	101+151	Trichlorotrifluoroethane (Freon 113)	663	0	0.000
8	12.212	56	Acrolein	694	0	0.000
9	11.726	96+61+98	1,1-Dichloroethene	999	121614	11.672
10	12.328	142	Iodomethane	900	246	245.745
11	12.378	43+58	Acetone	739	0	0.000
12	13.250	45	Isopropyl alcohol (2-Propanol)	374	0	0.000
13	12.418	76	Carbon disulfide	988	0	0.000
14	13.641	41	Acetonitrile	744	7200	2.990
15	13.490	41	Allyl chloride	697	3630	178.802
16	13.823	84+49+86	Methylene Chloride	995	54668	4.730
17	14.593	59	tert-Butanol	276	0	0.000
18	14.566	73	Methyl-tert-butyl-ether (MTBE)	880	0	0.000
19	15.004	61+96	t-1,2-Dichloroethene	472	0	0.000
20	14.874	53	Acrylonitrile	608	0	0.000
21	15.932	63	1,1-Dichloroethane	987	45287	7.550
22	16.613	43	Vinyl acetate	739	0	0.000

9.9

6.4

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.848	45	Isopropyl ether	413	0	0.000
24	16.779	59	Ethyl-tert-butyl-ether	716	0	0.000
25	17.102	77+41	2,2-Dichloropropane	457	0	0.000
26	17.475	61+96	c-1,2-Dichloroethene	891	2308	0.259
27	17.627	43+72	2-Butanone (MEK)	696	0	0.000
28	17.974	54	Propionitrile	594	0	0.000
29	18.053	130+49	Bromochloromethane	908	0	0.000
30	18.500	39	Methacrylonitrile	621	18842	3.939
31	18.232	83+85	Chloroform	985	9703	0.904
32	18.518	97+99	1,1,1-Trichloroethane	640	0	0.000
33	18.609	111	Dibromofluoromethane (Surr1)	707	123724	55.612
34	19.024	117+119	Carbon Tetrachloride	636	0	0.000
35	19.731	42+72	Tetrahydrofuran	868	0	0.000
36	18.919	75+39	1,1-Dichloropropene	341	754	0.138
37	19.364	78	Benzene	996	805139	98.027
38	19.410	65	1,2-Dichloroethane-d4 (Surr2)	980	128817	46.303
39	19.574	62+64	1,2-Dichloroethane	717	10652	1.914
40	19.925	73+55+87	tert-Amyl-methyl-ether	556	0	0.000
42	20.739	130+132+95	Trichloroethene	919	2175	0.203
43	21.773	41	Methyl methacrylate	575	2004	2003.641
44	20.918	63+65	1,2-Dichloropropane	369	0	0.000
45	21.548	93+174	Dibromomethane	817	0	0.000
46	22.226	88	1,4-Dioxane	484	0	0.000
47	21.829	83+85	Bromodichloromethane	958	4847	0.636
48	22.983	63+43	2-Chloroethyl vinyl ether	547	0	0.000
49	22.431	75+77+39	c-1,3-Dichloropropene	630	0	0.000
50	22.983	43+58	4-Methyl-2-pentanone	547	0	0.000
51	23.132	98	Toluene-d8 (Surr3)	995	459591	50.361
52	23.266	92+91	Toluene	864	8826	0.393
53	24.384	69	Ethyl methacrylate	627	0	0.000
54	24.203	43+58+100	2-Hexanone	640	0	0.000
55	23.663	75+77	t-1,3-Dichloropropene	544	0	0.000
56	24.384	97+99	1,1,2-Trichloroethane	575	0	0.000
57	24.668	164+166	Tetrachloroethene	374	0	0.000
58	24.601	76+41	1,3-Dichloropropane	588	0	0.000
59	24.203	43	Isobutyl alcohol	710	0	0.000
60	24.886	129+127	Dibromochloromethane	860	1074	0.234
61	25.538	107+109	1,2-Dibromoethane	538	0	0.000
62	26.115	91	1-Chlorohexane	988	327857	20.730
64	25.628	112+114	Chlorobenzene	613	0	0.000
65	26.114	106+91	Ethylbenzene	988	468756	19.353
66	26.073	131+117	1,1,1,2-Tetrachloroethane	270	0	0.000
67	26.340	106+91	p,m-Xylenes	994	33892	1.654
68	27.151	106+91	o-Xylene	953	0	0.000
69	27.202	104+78	Styrene	893	0	0.000
70	27.693	171+173+175	Bromoform	775	0	0.000
71	27.874	105+120	Isopropylbenzene	998	30348	1.303
72	28.700	75	cis-1,4-Dichloro-2-butene	580	0	0.000
73	28.366	95	p-Bromofluorobenzene (Surr4)	987	200676	52.957
74	28.736	83+85	1,1,2,2-Tetrachloroethane	547	0	0.000
75	28.790	77+158	Bromobenzene	904	0	0.000
76	28.814	91+120	n-Propylbenzene	994	28649	1.071

83.1

16.4

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#	RT	Quan Ions	Compound Name	Fit	Area	Amount	
77	28.700	75	trans-1,4-Dichloro-2-butene	408	0	0.000	
78	28.700	75+110	1,2,3-Trichloropropane	575	0	0.000	
79	29.230	91+126	2-Chlorotoluene	729	0	0.000	
80	29.230	105+120	1,3,5-Trimethylbenzene	996	30212	1.422	J
81	29.548	91+126	4-Chlorotoluene	639	0	0.000	
82	30.092	119+91	tert-Butylbenzene	914	0	0.000	
83	30.247	105+120	1,2,4-Trimethylbenzene	992	70591	3.664	J
84	32.244	117	Pentachloroethane	876	0	0.000	
85	30.703	105+134	sec-Butylbenzene	992	0	0.000	
86	31.088	119	4-Isopropyltoluene	967	0	0.000	
87	31.241	146+148	1,3-Dichlorobenzene	867	0	0.000	
89	31.507	146+148	1,4-Dichlorobenzene	343	1785	0.189	
90	32.324	91	Benzyl Chloride	828	0	0.000	
91	32.230	91+134	n-Butylbenzene	812	0	0.000	
92	32.659	146+148	1,2-Dichlorobenzene	929	0	0.000	
93	35.416	75+157	1,2-Dibromo-3-chloropropane	417	0	0.000	
94	37.088	180+182	1,2,4-Trichlorobenzene	964	4845	1.078	
95	37.340	225+226	Hexachlorobutadiene	960	0	0.000	
96	37.781	128	Naphthalene	981	14543	3.495	
97	38.403	180+182	1,2,3-Trichlorobenzene	975	3585	0.798	

Associated Laboratories

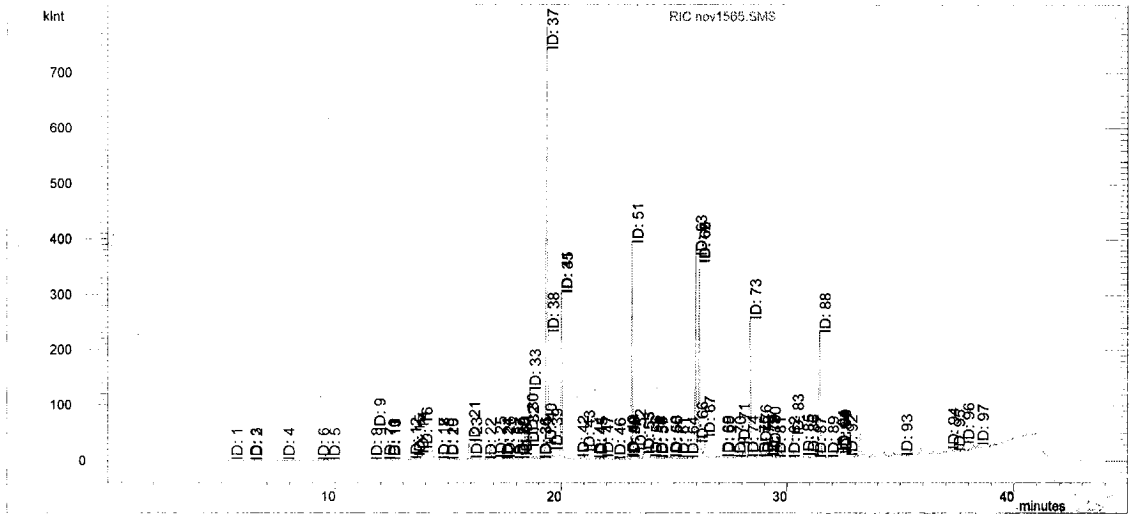
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1565.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-822 6.03g **Acquisition Dat** 11/27/02 10:38:22 PM

Inj. Notes: **Operator Name:** dp

0.83



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	520431	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	989	309955	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	976	140511	50.000
1	5.446	85	Dichlorodifluoromethane	59	0	0.000
2	6.318	50+52	Chloromethane	605	0	0.000
3	6.253	62+64	Vinyl Chloride	889	136	0.031
4	7.743	94+96	Bromomethane	861	0	0.000
5	9.743	49	Chloroethane	117	0	0.000
6	9.245	101+103	Trichlorofluoromethane	722	130	0.014
7	12.174	101+151	Trichlorotrifluoroethane (Freon 113)	648	0	0.000
8	11.578	56	Acrolein	718	0	0.000
9	11.721	96+61+98	1,1-Dichloroethene	1000	162916	15.648
10	12.340	142	Iodomethane	908	238	237.950
11	12.367	43+58	Acetone	767	0	0.000
12	13.330	45	Isopropyl alcohol (2-Propanol)	314	0	0.000
13	12.407	76	Carbon disulfide	992	1170	52.090
14	13.639	41	Acetonitrile	762	8965	3.726
15	13.487	41	Allyl chloride	701	6138	302.572
16	13.818	84+49+86	Methylene Chloride	995	43399	3.758
17	14.554	59	tert-Butanol	354	0	0.000
18	14.566	73	Methyl-tert-butyl-ether (MTBE)	877	0	0.000
19	14.925	61+96	t-1,2-Dichloroethene	669	0	0.000
20	14.953	53	Acrylonitrile	647	0	0.000
21	15.928	63	1,1-Dichloroethane	993	51869	8.653
22	16.621	43	Vinyl acetate	751	0	0.000

12.98
13.0
7.2

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.006	45	Isopropyl ether	398	0	0.000
24	17.380	59	Ethyl-tert-butyl-ether	692	0	0.000
25	17.085	77+41	2,2-Dichloropropane	406	0	0.000
26	17.465	61+96	c-1,2-Dichloroethene	916	2672	0.300
27	17.945	43+72	2-Butanone (MEK)	682	0	0.000
28	18.126	54	Propionitrile	627	0	0.000
29	18.058	130+49	Bromochloromethane	909	333	0.063
30	18.494	39	Methacrylonitrile	644	23155	4.845
31	18.227	83+85	Chloroform	985	10224	0.953
32	18.528	97+99	1,1,1-Trichloroethane	618	0	0.000
33	18.605	111	Dibromofluoromethane (Surr1)	742	116214	52.276
34	19.086	117+119	Carbon Tetrachloride	770	0	0.000
35	20.006	42+72	Tetrahydrofuran	316	609	608.658
36	19.059	75+39	1,1-Dichloropropene	332	0	0.000
37	19.360	78	Benzene	996	951547	115.939
38	19.406	65	1,2-Dichloroethane-d4 (Surr2)	982	120032	43.177
39	19.574	62+64	1,2-Dichloroethane	714	11406	2.051
40	19.295	73+55+87	tert-Amyl-methyl-ether	506	6924	0.724
42	20.735	130+132+95	Trichloroethene	897	2588	0.246
43	20.990	41	Methyl methacrylate	510	2658	2657.715
44	21.457	63+65	1,2-Dichloropropane	439	0	0.000
45	21.548	93+174	Dibromomethane	805	0	0.000
46	22.357	88	1,4-Dioxane	527	0	0.000
47	21.828	83+85	Bromodichloromethane	951	4229	0.566
48	22.984	63+43	2-Chloroethyl vinyl ether	478	0	0.000
49	22.920	75+77+39	c-1,3-Dichloropropene	495	934	0.115
50	22.984	43+58	4-Methyl-2-pentanone	469	0	0.000
51	23.130	98	Toluene-d8 (Surr3)	993	483178	54.021
52	23.263	92+91	Toluene	886	9310	0.423
53	23.645	69	Ethyl methacrylate	552	628	627.767
54	24.207	43+58+100	2-Hexanone	576	0	0.000
55	23.636	75+77	t-1,3-Dichloropropene	515	0	0.000
56	23.974	97+99	1,1,2-Trichloroethane	620	0	0.000
57	24.270	164+166	Tetrachloroethene	379	0	0.000
58	24.834	76+41	1,3-Dichloropropane	503	0	0.000
59	24.207	43	Isobutyl alcohol	655	0	0.000
60	24.885	129+127	Dibromochloromethane	841	0	0.000
61	25.181	107+109	1,2-Dibromoethane	489	0	0.000
62	26.111	91	1-Chlorohexane	986	421250	27.176
64	25.592	112+114	Chlorobenzene	591	0	0.000
65	26.111	106+91	Ethylbenzene	986	600440	24.396
66	26.008	131+117	1,1,1,2-Tetrachloroethane	234	0	0.000
67	26.336	106+91	p,m-Xylenes	993	49242	2.365
68	27.142	106+91	o-Xylene	940	0	0.000
69	27.194	104+78	Styrene	913	0	0.000
70	27.682	171+173+175	Bromoform	776	0	0.000
71	27.871	105+120	Isopropylbenzene	998	36841	1.556
72	28.913	75	cis-1,4-Dichloro-2-butene	526	0	0.000
73	28.362	95	p-Bromofluorobenzene (Surr4)	987	198040	51.430
74	28.257	83+85	1,1,2,2-Tetrachloroethane	564	0	0.000
75	28.756	77+158	Bromobenzene	919	0	0.000
76	28.811	91+120	n-Propylbenzene	994	38805	1.427

96.1

20.2

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#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.122	75	trans-1,4-Dichloro-2-butene	464	0	0.000
78	28.913	75+110	1,2,3-Trichloropropane	484	0	0.000
79	29.173	91+126	2-Chlorotoluene	845	0	0.000
80	29.229	105+120	1,3,5-Trimethylbenzene	997	23756	1.100
81	29.457	91+126	4-Chlorotoluene	730	0	0.000
82	30.077	119+91	tert-Butylbenzene	923	0	0.000
83	30.244	105+120	1,2,4-Trimethylbenzene	990	90782	4.637
84	32.363	117	Pentachloroethane	928	0	0.000
85	30.699	105+134	sec-Butylbenzene	988	0	0.000
86	30.926	119	4-Isopropyltoluene	979	3263	0.216
87	31.239	146+148	1,3-Dichlorobenzene	745	0	0.000
89	31.798	146+148	1,4-Dichlorobenzene	527	0	0.000
90	32.337	91	Benzyl Chloride	884	0	0.000
91	32.247	91+134	n-Butylbenzene	867	2879	0.165
92	32.630	146+148	1,2-Dichlorobenzene	912	0	0.000
93	35.061	75+157	1,2-Dibromo-3-chloropropane	488	0	0.000
94	37.093	180+182	1,2,4-Trichlorobenzene	965	4434	0.971
95	37.368	225+226	Hexachlorobutadiene	964	0	0.000
96	37.779	128	Naphthalene	981	14803	3.501
97	38.404	180+182	1,2,3-Trichlorobenzene	973	4015	0.879

Associated Laboratories

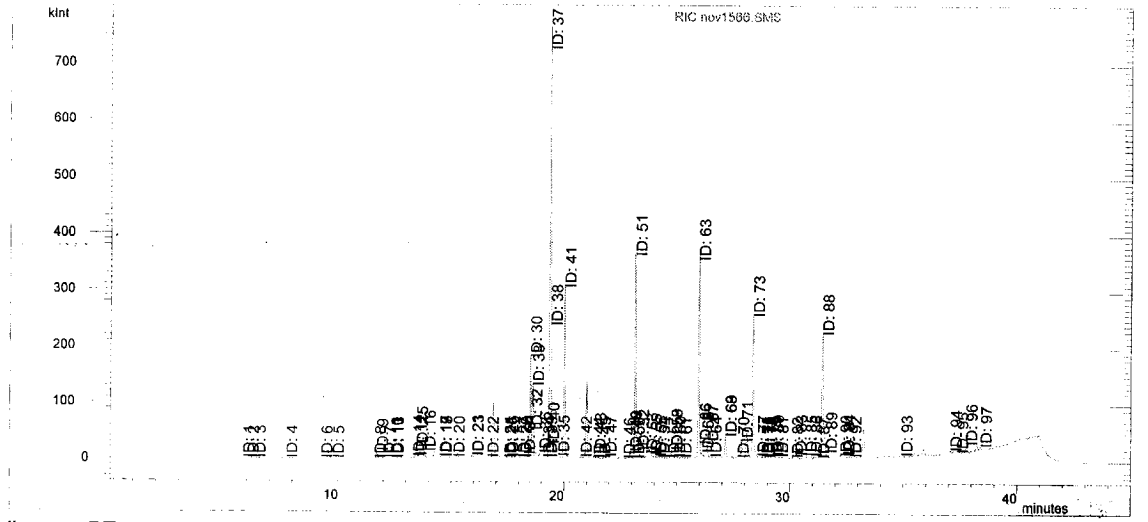
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1566.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-823 6.04g **Acquisition Dat** 11/27/02 11:24:55 PM

Inj. Notes: **Operator Name:** dp

0.83



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.007	96+70	Fluorobenzene (IS1)	998	514426	50.000
63	25.957	117	Chlorobenzene-d5(IS2)	982	305215	50.000
88	31.434	152	1,4-Dichlorobenzene-d4(IS3)	982	137373	50.000
1	5.833	85	Dichlorodifluoromethane	42	0	0.000
2	6.038	50+52	Chloromethane	622	0	0.000
3	6.330	62+64	Vinyl Chloride	657	0	0.000
4	7.743	94+96	Bromomethane	853	0	0.000
5	9.782	49	Chloroethane	470	0	0.000
6	9.269	101+103	Trichlorofluoromethane	737	212	0.023
7	12.027	101+151	Trichlorotrifluoroethane (Freon 113)	603	0	0.000
8	11.629	56	Acrolein	759	0	0.000
9	11.730	96+61+98	1,1-Dichloroethene	981	33654	3.270
10	12.348	142	Iodomethane	922	187	186.799
11	12.386	43+58	Acetone	760	0	0.000
12	13.440	45	Isopropyl alcohol (2-Propanol)	319	0	0.000
13	12.414	76	Carbon disulfide	854	0	0.000
14	13.328	41	Acetonitrile	724	2961	1.245
15	13.487	41	Allyl chloride	636	15515	773.678
16	13.825	84+49+86	Methylene Chloride	742	23053	2.019
17	14.516	59	tert-Butanol	461	0	0.000
18	14.555	73	Methyl-tert-butyl-ether (MTBE)	795	0	0.000
19	14.555	61+96	t-1,2-Dichloroethene	570	0	0.000
20	15.108	53	Acrylonitrile	677	0	0.000
21	15.934	63	1,1-Dichloroethane	928	5886	0.993
22	16.619	43	Vinyl acetate	788	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.952	45	Isopropyl ether	387	0	0.000
24	17.358	59	Ethyl-tert-butyl-ether	692	0	0.000
25	17.410	77+41	2,2-Dichloropropane	508	0	0.000
26	17.485	61+96	c-1,2-Dichloroethene	742	0	0.000
27	17.962	43+72	2-Butanone (MEK)	522	0	0.000
28	18.065	54	Propionitrile	561	0	0.000
29	18.065	130+49	Bromochloromethane	842	0	0.000
30	18.498	39	Methacrylonitrile	657	95382	20.189
31	18.236	83+85	Chloroform	985	9667	0.912
32	18.542	97+99	1,1,1-Trichloroethane	628	2326	0.174
33	18.613	111	Dibromofluoromethane (Surr1)	706	115484	52.554
34	19.077	117+119	Carbon Tetrachloride	739	0	0.000
35	19.738	42+72	Tetrahydrofuran	688	0	0.000
36	18.924	75+39	1,1-Dichloropropene	275	0	0.000
37	19.367	78	Benzene	996	916466	112.968
38	19.413	65	1,2-Dichloroethane-d4 (Surr2)	975	123422	44.915
39	19.207	62+64	1,2-Dichloroethane	478	0	0.000
40	19.299	73+55+87	tert-Amyl-methyl-ether	509	11897	1.258
42	20.739	130+132+95	Trichloroethene	925	2075	0.201
43	21.360	41	Methyl methacrylate	655	3389	3389.415
44	21.302	63+65	1,2-Dichloropropane	368	0	0.000
45	21.573	93+174	Dibromomethane	785	0	0.000
46	22.650	88	1,4-Dioxane	432	0	0.000
47	21.833	83+85	Bromodichloromethane	955	3991	0.542
48	22.936	63+43	2-Chloroethyl vinyl ether	260	0	0.000
49	22.927	75+77+39	c-1,3-Dichloropropene	462	2533	0.316
50	23.065	43+58	4-Methyl-2-pentanone	259	0	0.000
51	23.136	98	Toluene-d8 (Surr3)	998	459945	52.222
52	23.269	92+91	Toluene	885	8293	0.383
53	23.639	69	Ethyl methacrylate	593	0	0.000
54	24.196	43+58+100	2-Hexanone	424	0	0.000
55	23.835	75+77	t-1,3-Dichloropropene	533	0	0.000
56	24.054	97+99	1,1,2-Trichloroethane	654	0	0.000
57	24.618	164+166	Tetrachloroethene	441	0	0.000
58	24.755	76+41	1,3-Dichloropropane	451	2332	0.391
59	24.753	43	Isobutyl alcohol	335	801	800.836
60	24.891	129+127	Dibromochloromethane	834	0	0.000
61	25.163	107+109	1,2-Dibromoethane	551	0	0.000
62	26.120	91	1-Chlorohexane	984	4787	0.314
64	26.488	112+114	Chlorobenzene	702	0	0.000
65	26.120	106+91	Ethylbenzene	987	6668	0.277
66	26.015	131+117	1,1,1,2-Tetrachloroethane	673	0	0.000
67	26.344	106+91	p,m-Xylenes	991	28159	1.383
68	27.151	106+91	o-Xylene	994	62324	2.966
69	27.151	104+78	Styrene	650	3066	0.233
70	27.704	171+173+175	Bromoform	742	0	0.000
71	27.876	105+120	Isopropylbenzene	998	44715	1.932
72	28.966	75	cis-1,4-Dichloro-2-butene	617	0	0.000
73	28.368	95	p-Bromofluorobenzene (Surr4)	987	195695	51.982
74	28.989	83+85	1,1,2,2-Tetrachloroethane	658	0	0.000
75	28.758	77+158	Bromobenzene	901	0	0.000
76	28.821	91+120	n-Propylbenzene	904	0	0.000

93.5

3.6 J

4.3

1 J

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.575	75	trans-1,4-Dichloro-2-butene	554	0	0.000
78	28.872	75+110	1,2,3-Trichloropropane	538	0	0.000
79	29.157	91+126	2-Chlorotoluene	822	0	0.000
80	29.231	105+120	1,3,5-Trimethylbenzene	991	3058	0.145
81	29.443	91+126	4-Chlorotoluene	813	0	0.000
82	30.092	119+91	tert-Butylbenzene	901	0	0.000
83	30.252	105+120	1,2,4-Trimethylbenzene	992	11278	0.589
84	32.371	117	Pentachloroethane	922	0	0.000
85	30.698	105+134	sec-Butylbenzene	982	0	0.000
86	30.931	119	4-Isopropyltoluene	970	3815	0.258
87	31.252	146+148	1,3-Dichlorobenzene	876	0	0.000
89	31.584	146+148	1,4-Dichlorobenzene	548	0	0.000
90	32.240	91	Benzyl Chloride	894	0	0.000
91	32.359	91+134	n-Butylbenzene	860	0	0.000
92	32.666	146+148	1,2-Dichlorobenzene	902	0	0.000
93	34.927	75+157	1,2-Dibromo-3-chloropropane	425	0	0.000
94	37.088	180+182	1,2,4-Trichlorobenzene	964	4761	1.066
95	37.376	225+226	Hexachlorobutadiene	924	0	0.000
96	37.779	128	Naphthalene	981	15333	3.709
97	38.406	180+182	1,2,3-Trichlorobenzene	975	4019	0.900

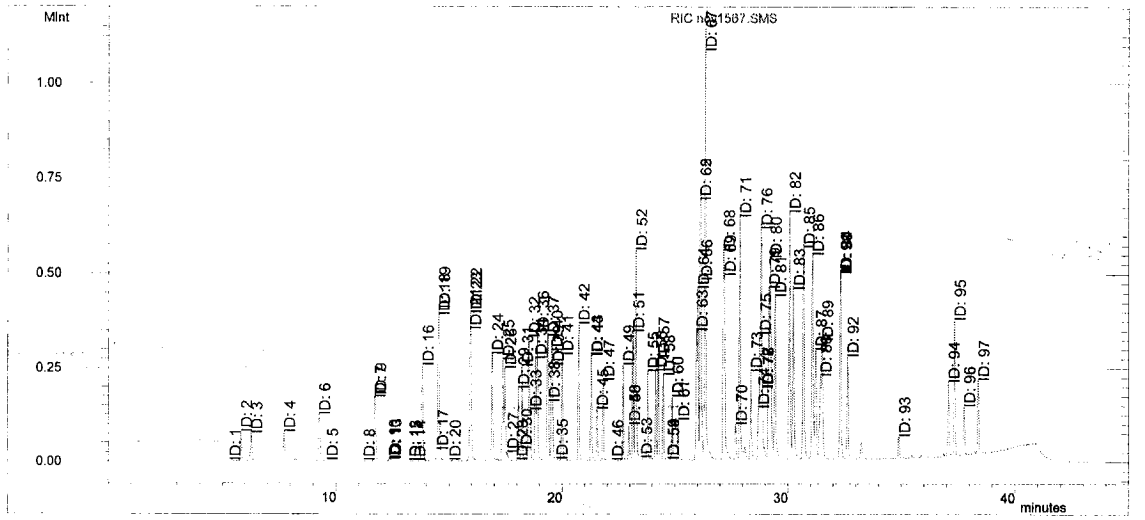
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1567.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 2 **Acquisition Dat** 11/28/02 12:11:31 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	481987	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	989	289497	50.000
88	31.432	152	1,4-Dichlorobenzene-d4(IS3)	966	133041	50.000
1	5.332	85	Dichlorodifluoromethane	541	0	0.000
2	5.822	50+52	Chloromethane	995	125304	63.966
3	6.274	62+64	Vinyl Chloride	999	224791	54.806
4	7.726	94+96	Bromomethane	951	72698	44.049
5	9.597	49	Chloroethane	128	0	0.000
6	9.265	101+103	Trichlorofluoromethane	995	529643	60.019
7	11.717	101+151	Trichlorotrifluoroethane (Freon 113)	814	0	0.000
8	11.227	56	Acrolein	771	0	0.000
9	11.727	96+61+98	1,1-Dichloroethene	993	539124	55.914
10	12.339	142	Iodomethane	956	1700	1699.619
11	12.381	43+58	Acetone	982	25815	47.959
12	13.246	45	Isopropyl alcohol (2-Propanol)	584	0	0.000
13	12.413	76	Carbon disulfide	932	0	0.000
14	13.478	41	Acetonitrile	498	0	0.000
15	13.273	41	Allyl chloride	703	0	0.000
16	13.824	84+49+86	Methylene Chloride	996	613979	57.401
17	14.468	59	tert-Butanol	585	53132	313.725
18	14.534	73	Methyl-tert-butyl-ether (MTBE)	915	224082	43.635
19	14.546	61+96	t-1,2-Dichloroethene	978	440090	56.157
20	15.021	53	Acrylonitrile	738	0	0.000
21	15.930	63	1,1-Dichloroethane	983	299400	53.933
22	15.956	43	Vinyl acetate	867	167175	167175.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.959	45	Isopropyl ether	997	404750	54.550
24	16.902	59	Ethyl-tert-butyl-ether	999	432951	53.839
25	17.379	77+41	2,2-Dichloropropane	993	405842	49.684
26	17.472	61+96	c-1,2-Dichloroethene	991	414815	50.378
27	17.590	43+72	2-Butanone (MEK)	968	38740	50.225
28	17.988	54	Propionitrile	511	0	0.000
29	18.057	130+49	Bromochloromethane	996	244832	50.038
30	18.185	39	Methacrylonitrile	434	0	0.000
31	18.230	83+85	Chloroform	999	506276	50.973
32	18.538	97+99	1,1,1-Trichloroethane	978	638833	50.944
33	18.609	111	Dibromofluoromethane (Surr1)	922	110847	53.839
34	18.826	117+119	Carbon Tetrachloride	964	512288	51.474
35	19.752	42+72	Tetrahydrofuran	638	0	0.000
36	18.913	75+39	1,1-Dichloropropene	994	0	0.000
37	19.364	78	Benzene	996	359752	47.329
38	19.408	65	1,2-Dichloroethane-d4 (Surr2)	992	127824	49.648
39	19.575	62+64	1,2-Dichloroethane	979	281023	54.574
40	19.539	73+55+87	tert-Amyl-methyl-ether	964	434942	49.088
42	20.736	130+132+95	Trichloroethene	986	517947	52.785
43	21.299	41	Methyl methacrylate	516	106321	106321.200
44	21.300	63+65	1,2-Dichloropropane	999	143072	56.285
45	21.550	93+174	Dibromomethane	959	178666	54.048
46	22.217	88	1,4-Dioxane	685	0	0.000
47	21.828	83+85	Bromodichloromethane	978	346357	49.618
48	22.963	63+43	2-Chloroethyl vinyl ether	988	89682	54.935
49	22.701	75+77+39	c-1,3-Dichloropropene	991	361159	47.494
50	22.963	43+58	4-Methyl-2-pentanone	988	121099	56.679
51	23.133	98	Toluene-d8 (Surr3)	993	446575	53.457
52	23.264	92+91	Toluene	997	1107196	53.906
53	23.499	69	Ethyl methacrylate	529	0	0.000
54	24.701	43+58+100	2-Hexanone	691	0	0.000
55	23.797	75+77	t-1,3-Dichloropropene	646	161941	52.263
56	24.158	97+99	1,1,2-Trichloroethane	973	195455	51.314
57	24.271	164+166	Tetrachloroethene	947	44724	50.056
58	24.497	76+41	1,3-Dichloropropane	986	265289	46.859
59	24.689	43	Isobutyl alcohol	531	0	0.000
60	24.885	129+127	Dibromochloromethane	950	219249	52.254
61	25.156	107+109	1,2-Dibromoethane	983	229686	49.214
62	26.114	91	1-Chlorohexane	994	763501	52.736
64	26.012	112+114	Chlorobenzene	993	574901	48.771
65	26.114	106+91	Ethylbenzene	994	1099882	47.197
66	26.154	131+117	1,1,1,2-Tetrachloroethane	982	264469	19.684
67	26.333	106+91	p,m-Xylenes	996	1937169	98.273
68	27.149	106+91	o-Xylene	998	1007451	49.501
69	27.194	104+78	Styrene	988	594755	46.740
70	27.699	171+173+175	Bromoform	930	131588	49.033
71	27.872	105+120	Isopropylbenzene	999	1149094	51.262
72	28.868	75	cis-1,4-Dichloro-2-butene	967	75999	46.659
73	28.367	95	p-Bromofluorobenzene (Surr4)	987	187365	51.390
74	28.695	83+85	1,1,2,2-Tetrachloroethane	971	173461	45.089
75	28.754	77+158	Bromobenzene	985	436507	48.492
76	28.812	91+120	n-Propylbenzene	995	1273057	49.449

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.868	75	trans-1,4-Dichloro-2-butene	364	75999	46.659
78	28.869	75+110	1,2,3-Trichloropropane	966	116512	48.835
79	29.157	91+126	2-Chlorotoluene	991	789300	47.522
80	29.230	105+120	1,3,5-Trimethylbenzene	998	1054897	51.604
81	29.439	91+126	4-Chlorotoluene	991	739970	49.890
82	30.076	119+91	tert-Butylbenzene	983	1438112	52.348
83	30.247	105+120	1,2,4-Trimethylbenzene	994	965149	52.069
84	32.323	117	Pentachloroethane	989	4946	59.434
85	30.694	105+134	sec-Butylbenzene	996	1151735	52.274
86	31.089	119	4-Isopropyltoluene	987	749569	52.301
87	31.226	146+148	1,3-Dichlorobenzene	986	476727	49.708
89	31.506	146+148	1,4-Dichlorobenzene	990	450921	49.660
90	32.324	91	Benzyl Chloride	991	576943	50.819
91	32.325	91+134	n-Butylbenzene	993	826641	50.029
92	32.640	146+148	1,2-Dichlorobenzene	985	410827	47.923
93	34.917	75+157	1,2-Dibromo-3-chloropropane	965	56559	45.514
94	37.083	180+182	1,2,4-Trichlorobenzene	976	203809	47.136
95	37.358	225+226	Hexachlorobutadiene	981	158714	48.052
96	37.777	128	Naphthalene	982	172399	43.067
97	38.399	180+182	1,2,3-Trichlorobenzene	983	182949	42.312

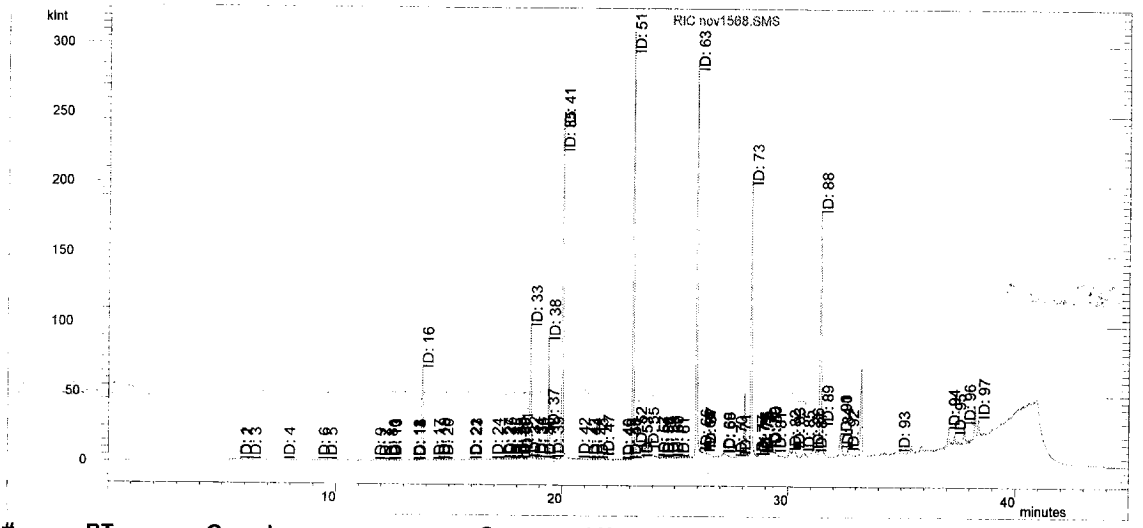
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1568.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 2 **Acquisition Dat** 11/28/02 12:58:18 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	403391	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	981	240577	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	977	107990	50.000
1	5.793	85	Dichlorodifluoromethane	97	0	0.000
2	5.833	50+52	Chloromethane	622	0	0.000
3	6.228	62+64	Vinyl Chloride	733	0	0.000
4	7.731	94+96	Bromomethane	869	0	0.000
5	9.578	49	Chloroethane	119	0	0.000
6	9.254	101+103	Trichlorofluoromethane	857	653	0.088
7	11.937	101+151	Trichlorotrifluoroethane (Freon 113)	535	0	0.000
8	12.229	56	Acrolein	752	0	0.000
9	11.730	96+61+98	1,1-Dichloroethene	926	757	0.094
10	12.336	142	Iodomethane	924	236	236.212
11	12.391	43+58	Acetone	771	533	1.183
12	13.425	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.411	76	Carbon disulfide	971	0	0.000
14	13.488	41	Acetonitrile	436	0	0.000
15	13.488	41	Allyl chloride	612	0	0.000
16	13.819	84+49+86	Methylene Chloride	999	160565	17.936
17	14.327	59	tert-Butanol	295	0	0.000
18	14.556	73	Methyl-tert-butyl-ether (MTBE)	893	0	0.000
19	14.532	61+96	t-1,2-Dichloroethene	910	0	0.000
20	14.698	53	Acrylonitrile	756	0	0.000
21	15.941	63	1,1-Dichloroethane	771	0	0.000
22	15.957	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.981	45	Isopropyl ether	533	0	0.000
24	16.916	59	Ethyl-tert-butyl-ether	711	0	0.000
25	17.737	77+41	2,2-Dichloropropane	415	0	0.000
26	17.480	61+96	c-1,2-Dichloroethene	898	0	0.000
27	17.405	43+72	2-Butanone (MEK)	214	0	0.000
28	17.942	54	Propionitrile	621	0	0.000
29	18.057	130+49	Bromochloromethane	923	600	0.147
30	18.123	39	Methacrylonitrile	428	0	0.000
31	18.231	83+85	Chloroform	995	8391	1.009
32	18.546	97+99	1,1,1-Trichloroethane	691	0	0.000
33	18.606	111	Dibromofluoromethane (Surr1)	829	90926	52.768
34	18.822	117+119	Carbon Tetrachloride	627	0	0.000
35	19.993	42+72	Tetrahydrofuran	317	192	192.036
36	18.909	75+39	1,1-Dichloropropene	724	0	0.000
37	19.368	78	Benzene	834	1242	0.195
38	19.404	65	1,2-Dichloroethane-d4 (Surr2)	953	120572	55.956
39	19.582	62+64	1,2-Dichloroethane	625	0	0.000
40	19.217	73+55+87	tert-Amyl-methyl-ether	575	0	0.000
42	20.741	130+132+95	Trichloroethene	882	0	0.000
43	21.203	41	Methyl methacrylate	313	0	0.000
44	21.306	63+65	1,2-Dichloropropane	587	0	0.000
45	21.547	93+174	Dibromomethane	926	0	0.000
46	22.691	88	1,4-Dioxane	439	0	0.000
47	21.829	83+85	Bromodichloromethane	958	4134	0.713
48	22.999	63+43	2-Chloroethyl vinyl ether	525	0	0.000
49	22.715	75+77+39	c-1,3-Dichloropropene	653	0	0.000
50	22.999	43+58	4-Methyl-2-pentanone	536	0	0.000
51	23.131	98	Toluene-d8 (Surr3)	993	379018	54.596
52	23.263	92+91	Toluene	939	5395	0.316
53	23.519	69	Ethyl methacrylate	476	0	0.000
54	24.688	43+58+100	2-Hexanone	547	0	0.000
55	23.804	75+77	t-1,3-Dichloropropene	412	0	0.000
56	24.459	97+99	1,1,2-Trichloroethane	583	0	0.000
57	24.277	164+166	Tetrachloroethene	657	0	0.000
58	24.495	76+41	1,3-Dichloropropane	447	0	0.000
59	24.688	43	Isobutyl alcohol	468	0	0.000
60	24.881	129+127	Dibromochloromethane	953	0	0.000
61	25.161	107+109	1,2-Dibromoethane	839	0	0.000
62	26.303	91	1-Chlorohexane	937	0	0.000
64	26.303	112+114	Chlorobenzene	527	0	0.000
65	26.303	106+91	Ethylbenzene	937	0	0.000
66	26.131	131+117	1,1,1,2-Tetrachloroethane	696	0	0.000
67	26.331	106+91	p,m-Xylenes	989	4446	0.278
68	27.149	106+91	o-Xylene	958	0	0.000
69	27.200	104+78	Styrene	941	0	0.000
70	27.688	171+173+175	Bromoform	870	0	0.000
71	27.870	105+120	Isopropylbenzene	976	0	0.000
72	28.860	75	cis-1,4-Dichloro-2-butene	652	0	0.000
73	28.365	95	p-Bromofluorobenzene (Surr4)	987	150010	50.689
74	28.703	83+85	1,1,2,2-Tetrachloroethane	559	0	0.000
75	28.754	77+158	Bromobenzene	964	0	0.000
76	28.821	91+120	n-Propylbenzene	940	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.612	75	trans-1,4-Dichloro-2-butene	473	0	0.000
78	28.860	75+110	1,2,3-Trichloropropane	605	0	0.000
79	29.155	91+126	2-Chlorotoluene	963	0	0.000
80	29.223	105+120	1,3,5-Trimethylbenzene	982	839	0.051
81	29.441	91+126	4-Chlorotoluene	958	0	0.000
82	30.083	119+91	tert-Butylbenzene	971	6933	0.311
83	30.246	105+120	1,2,4-Trimethylbenzene	993	8195	0.545
84	32.393	117	Pentachloroethane	985	0	0.000
85	30.688	105+134	sec-Butylbenzene	992	0	0.000
86	31.088	119	4-Isopropyltoluene	980	4821	0.414
87	31.225	146+148	1,3-Dichlorobenzene	953	3693	0.474
89	31.504	146+148	1,4-Dichlorobenzene	622	7395	1.003
90	32.332	91	Benzyl Chloride	986	16707	1.813
91	32.331	91+134	n-Butylbenzene	985	22733	1.695
92	32.650	146+148	1,2-Dichlorobenzene	969	4849	0.697
93	34.903	75+157	1,2-Dibromo-3-chloropropane	759	0	0.000
94	37.088	180+182	1,2,4-Trichlorobenzene	975	12655	3.606
95	37.354	225+226	Hexachlorobutadiene	977	4025	1.501
96	37.777	128	Naphthalene	980	16712	5.143
97	38.396	180+182	1,2,3-Trichlorobenzene	979	11390	3.245

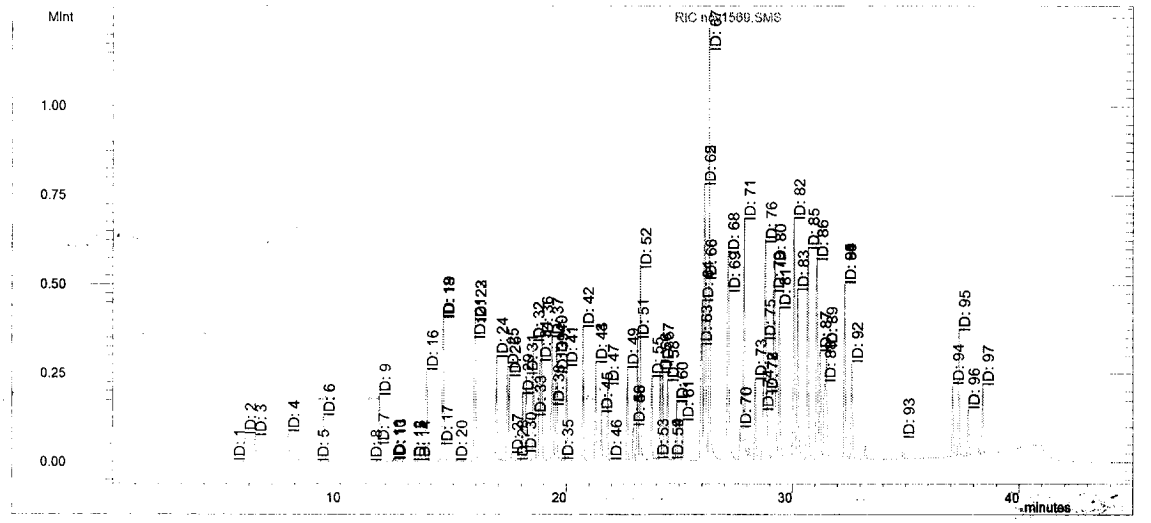
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1569.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv # 2 **Acquisition Dat** 11/28/02 1:45:00 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.006	96+70	Fluorobenzene (IS1)	999	453168	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	990	273599	50.000
88	31.431	152	1,4-Dichlorobenzene-d4(IS3)	969	130821	50.000
1	5.335	85	Dichlorodifluoromethane	580	290	90.552
2	5.815	50+52	Chloromethane	994	125761	68.282
3	6.266	62+64	Vinyl Chloride	999	223528	57.963
4	7.728	94+96	Bromomethane	960	98558	63.515
5	9.014	49	Chloroethane	678	0	0.000
6	9.260	101+103	Trichlorofluoromethane	992	535786	64.576
7	11.676	101+151	Trichlorotrifluoroethane (Freon 113)	781	0	0.000
8	11.342	56	Acrolein	759	0	0.000
9	11.727	96+61+98	1,1-Dichloroethene	999	579337	63.905
10	12.347	142	Iodomethane	962	1959	1959.131
11	12.384	43+58	Acetone	977	24748	48.901
12	13.249	45	Isopropyl alcohol (2-Propanol)	600	0	0.000
13	12.417	76	Carbon disulfide	921	0	0.000
14	13.494	41	Acetonitrile	509	0	0.000
15	13.301	41	Allyl chloride	713	0	0.000
16	13.824	84+49+86	Methylene Chloride	999	613942	61.047
17	14.480	59	tert-Butanol	583	28140	176.724
18	14.540	73	Methyl-tert-butyl-ether (MTBE)	929	223628	46.316
19	14.549	61+96	t-1,2-Dichloroethene	981	444309	60.300
20	15.124	53	Acrylonitrile	583	0	0.000
21	15.933	63	1,1-Dichloroethane	984	300496	57.573
22	15.961	43	Vinyl acetate	737	165365	165365.200

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.961	45	Isopropyl ether	982	406416	58.258
24	16.905	59	Ethyl-tert-butyl-ether	999	430588	56.950
25	17.381	77+41	2,2-Dichloropropane	993	407185	53.019
26	17.474	61+96	c-1,2-Dichloroethene	991	414632	53.558
27	17.594	43+72	2-Butanone (MEK)	948	38078	52.506
28	17.819	54	Propionitrile	229	0	0.000
29	18.058	130+49	Bromochloromethane	990	245886	53.449
30	18.185	39	Methacrylonitrile	443	0	0.000
31	18.232	83+85	Chloroform	1000	504906	54.068
32	18.539	97+99	1,1,1-Trichloroethane	981	647667	54.932
33	18.610	111	Dibromofluoromethane (Surr1)	938	104473	53.970
34	18.828	117+119	Carbon Tetrachloride	969	518428	55.404
35	19.814	42+72	Tetrahydrofuran	563	0	0.000
36	18.912	75+39	1,1-Dichloropropene	993	3678	0.775
37	19.366	78	Benzene	996	359643	50.324
38	19.409	65	1,2-Dichloroethane-d4 (Surr2)	976	121576	50.224
39	19.577	62+64	1,2-Dichloroethane	985	273858	56.564
40	19.541	73+55+87	tert-Amyl-methyl-ether	978	439010	52.698
42	20.737	130+132+95	Trichloroethene	990	524153	56.522
43	21.302	41	Methyl methacrylate	528	107089	107089.000
44	21.301	63+65	1,2-Dichloropropane	986	144649	60.212
45	21.553	93+174	Dibromomethane	958	174241	55.772
46	21.971	88	1,4-Dioxane	523	0	0.000
47	21.829	83+85	Bromodichloromethane	990	342275	51.882
48	22.964	63+43	2-Chloroethyl vinyl ether	989	89426	57.961
49	22.703	75+77+39	c-1,3-Dichloropropene	990	364797	50.760
50	22.965	43+58	4-Methyl-2-pentanone	989	121970	60.403
51	23.134	98	Toluene-d8 (Surr3)	993	420601	53.273
52	23.265	92+91	Toluene	997	1105633	56.958
53	24.036	69	Ethyl methacrylate	540	0	0.000
54	24.690	43+58+100	2-Hexanone	626	0	0.000
55	23.797	75+77	t-1,3-Dichloropropene	649	160129	54.681
56	24.159	97+99	1,1,2-Trichloroethane	971	195739	54.374
57	24.270	164+166	Tetrachloroethene	935	46602	55.188
58	24.497	76+41	1,3-Dichloropropane	987	272124	50.859
59	24.690	43	Isobutyl alcohol	478	0	0.000
60	24.884	129+127	Dibromochloromethane	953	213108	53.742
61	25.157	107+109	1,2-Dibromoethane	982	228968	51.910
62	26.114	91	1-Chlorohexane	997	799165	58.407
64	26.012	112+114	Chlorobenzene	993	576314	51.731
65	26.114	106+91	Ethylbenzene	997	1156484	50.468
66	26.155	131+117	1,1,1,2-Tetrachloroethane	982	275151	20.826
67	26.333	106+91	p,m-Xylenes	996	1980765	102.190
68	27.148	106+91	o-Xylene	998	992416	49.590
69	27.194	104+78	Styrene	987	602621	48.162
70	27.698	171+173+175	Bromoform	925	131713	49.912
71	27.871	105+120	Isopropylbenzene	999	1204526	54.647
72	28.868	75	cis-1,4-Dichloro-2-butene	969	76667	47.868
73	28.366	95	p-Bromofluorobenzene (Surr4)	989	181431	50.607
74	28.694	83+85	1,1,2,2-Tetrachloroethane	970	177709	46.977
75	28.754	77+158	Bromobenzene	979	436683	49.335
76	28.812	91+120	n-Propylbenzene	994	1292331	51.049

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.868	75	trans-1,4-Dichloro-2-butene	967	76667	47.868
78	28.869	75+110	1,2,3-Trichloropropane	967	116216	49.537
79	29.156	91+126	2-Chlorotoluene	991	805603	49.327
80	29.229	105+120	1,3,5-Trimethylbenzene	998	1088954	54.175
81	29.439	91+126	4-Chlorotoluene	991	745582	51.122
82	30.076	119+91	tert-Butylbenzene	984	1470337	54.430
83	30.245	105+120	1,2,4-Trimethylbenzene	994	994034	54.537
84	32.327	117	Pentachloroethane	990	4581	55.983
85	30.694	105+134	sec-Butylbenzene	996	1174946	54.232
86	31.088	119	4-Isopropyltoluene	987	765777	54.339
87	31.224	146+148	1,3-Dichlorobenzene	984	490680	52.031
89	31.506	146+148	1,4-Dichlorobenzene	975	452354	50.664
90	32.324	91	Benzyl Chloride	991	603733	54.081
91	32.324	91+134	n-Butylbenzene	991	857129	52.755
92	32.639	146+148	1,2-Dichlorobenzene	985	411998	48.876
93	34.914	75+157	1,2-Dibromo-3-chloropropane	961	56021	45.847
94	37.083	180+182	1,2,4-Trichlorobenzene	976	209242	49.214
95	37.358	225+226	Hexachlorobutadiene	981	162308	49.974
96	37.776	128	Naphthalene	981	176649	44.878
97	38.398	180+182	1,2,3-Trichlorobenzene	983	187516	44.104

Associated Laboratories

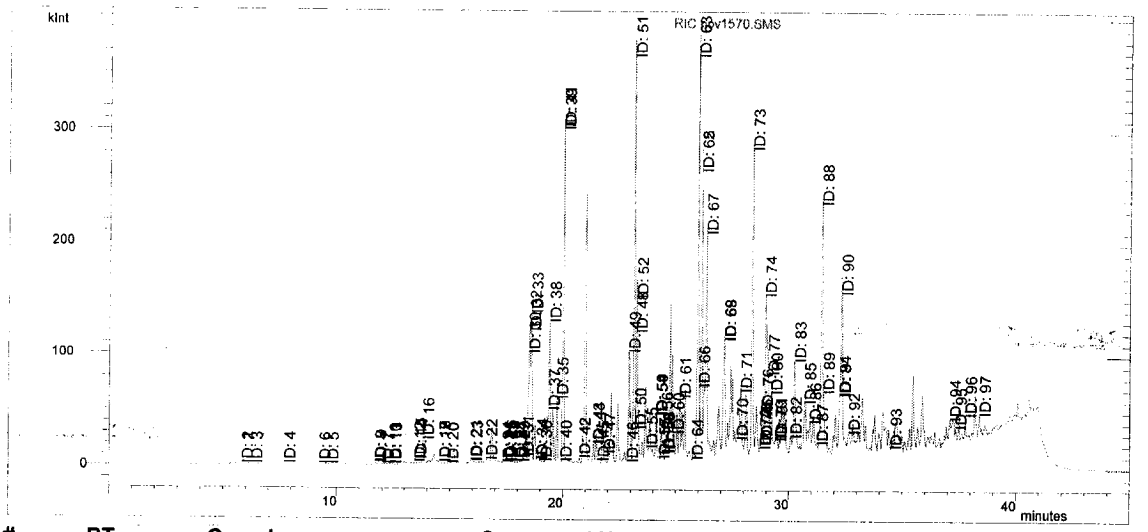
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1570.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-824 6.24g **Acquisition Dat** 11/28/02 2:32:33 AM

Inj. Notes: **Operator Name:** dp

0.80



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	502358	50.000
63	25.953	117	Chlorobenzene-d5(IS2)	982	311572	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	982	136033	50.000
1	5.833	85	Dichlorodifluoromethane	52	0	0.000
2	5.833	50+52	Chloromethane	506	0	0.000
3	6.255	62+64	Vinyl Chloride	763	0	0.000
4	7.715	94+96	Bromomethane	878	0	0.000
5	9.602	49	Chloroethane	103	0	0.000
6	9.243	101+103	Trichlorofluoromethane	821	0	0.000
7	12.040	101+151	Trichlorotrifluoroethane (Freon 113)	571	0	0.000
8	11.693	56	Acrolein	707	0	0.000
9	11.712	96+61+98	1,1-Dichloroethene	985	8289	0.825
10	12.337	142	Iodomethane	912	154	154.087
11	12.364	43+58	Acetone	770	733	1.306
12	13.437	45	Isopropyl alcohol (2-Propanol)	312	0	0.000
13	12.408	76	Carbon disulfide	870	1493	68.834
14	13.480	41	Acetonitrile	718	3879	1.670
15	13.477	41	Allyl chloride	657	0	0.000
16	13.817	84+49+86	Methylene Chloride	994	47972	4.303
17	14.529	59	tert-Butanol	340	0	0.000
18	14.541	73	Methyl-tert-butyl-ether (MTBE)	811	0	0.000
19	14.541	61+96	t-1,2-Dichloroethene	913	0	0.000
20	14.900	53	Acrylonitrile	670	0	0.000
21	15.927	63	1,1-Dichloroethane	937	2492	0.431
22	16.619	43	Vinyl acetate	821	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.964	45	Isopropyl ether	563	0	0.000
24	17.329	59	Ethyl-tert-butyl-ether	680	0	0.000
25	17.420	77+41	2,2-Dichloropropane	380	0	0.000
26	17.471	61+96	c-1,2-Dichloroethene	838	0	0.000
27	17.946	43+72	2-Butanone (MEK)	561	396	0.492
28	17.854	54	Propionitrile	542	0	0.000
29	18.059	130+49	Bromochloromethane	897	0	0.000
30	18.492	39	Methacrylonitrile	637	49291	10.684
31	18.228	83+85	Chloroform	985	9534	0.921
32	18.534	97+99	1,1,1-Trichloroethane	961	172563	13.203
33	18.603	111	Dibromofluoromethane (Surr1)	915	116946	54.498
34	18.836	117+119	Carbon Tetrachloride	832	0	0.000
35	19.730	42+72	Tetrahydrofuran	778	2489	2488.542
36	19.027	75+39	1,1-Dichloropropene	442	0	0.000
37	19.359	78	Benzene	934	24521	3.095
38	19.401	65	1,2-Dichloroethane-d4 (Surr2)	976	147970	55.142
39	20.001	62+64	1,2-Dichloroethane	416	13063	2.434
40	19.892	73+55+87	tert-Amyl-methyl-ether	438	0	0.000
42	20.735	130+132+95	Trichloroethene	971	4853	0.459
43	21.353	41	Methyl methacrylate	555	8569	8569.107
44	21.350	63+65	1,2-Dichloropropane	487	0	0.000
45	21.554	93+174	Dibromomethane	837	0	0.000
46	22.848	88	1,4-Dioxane	431	0	0.000
47	21.822	83+85	Bromodichloromethane	911	6391	0.851
48	23.239	63+43	2-Chloroethyl vinyl ether	781	0	0.000
49	22.919	75+77+39	c-1,3-Dichloropropene	439	31262	3.820
50	23.197	43+58	4-Methyl-2-pentanone	343	0	0.000
51	23.131	98	Toluene-d8 (Surr3)	997	445422	49.541
52	23.264	92+91	Toluene	800	38727	1.752
53	24.469	69	Ethyl methacrylate	731	0	0.000
54	24.148	43+58+100	2-Hexanone	528	0	0.000
55	23.719	75+77	t-1,3-Dichloropropene	610	0	0.000
56	24.376	97+99	1,1,2-Trichloroethane	686	0	0.000
57	24.267	164+166	Tetrachloroethene	736	0	0.000
58	24.455	76+41	1,3-Dichloropropane	614	0	0.000
59	24.141	43	Isobutyl alcohol	627	15234	15234.050
60	24.881	129+127	Dibromochloromethane	588	1284	0.284
61	25.166	107+109	1,2-Dibromoethane	774	0	0.000
62	26.113	91	1-Chlorohexane	975	157418	10.103
64	25.713	112+114	Chlorobenzene	466	0	0.000
65	26.113	106+91	Ethylbenzene	975	224781	9.433
66	26.007	131+117	1,1,1,2-Tetrachloroethane	226	0	0.000
67	26.331	106+91	p,m-Xylenes	993	244179	12.115
68	27.146	106+91	o-Xylene	994	166712	8.011
69	27.147	104+78	Styrene	742	9249	0.711
70	27.699	171+173+175	Bromoform	432	617	0.225
71	27.870	105+120	Isopropylbenzene	978	42088	1.836
72	28.711	75	cis-1,4-Dichloro-2-butene	725	0	0.000
73	28.364	95	p-Bromofluorobenzene (Surr4)	989	196699	52.763
74	28.948	83+85	1,1,2,2-Tetrachloroethane	492	21005	5.340
75	28.763	77+158	Bromobenzene	945	0	0.000
76	28.812	91+120	n-Propylbenzene	982	55194	2.097

#	RT	Quan Ions	Compound Name	Fit	Area	Amount	
77	29.085	75	trans-1,4-Dichloro-2-butene	431	0	0.000	
78	28.737	75+110	1,2,3-Trichloropropane	657	0	0.000	
79	29.406	91+126	2-Chlorotoluene	769	0	0.000	J
80	29.228	105+120	1,3,5-Trimethylbenzene	994	88620	4.240	
81	29.433	91+126	4-Chlorotoluene	918	0	0.000	
82	30.078	119+91	tert-Butylbenzene	959	0	0.000	
83	30.246	105+120	1,2,4-Trimethylbenzene	992	178454	9.416	7.5
84	32.232	117	Pentachloroethane	870	4645	54.586	
85	30.693	105+134	sec-Butylbenzene	958	34885	1.549	
86	30.922	119	4-Isopropyltoluene	986	27312	1.864	
87	31.230	146+148	1,3-Dichlorobenzene	943	0	0.000	
89	31.516	146+148	1,4-Dichlorobenzene	592	0	0.000	
90	32.324	91	Benzyl Chloride	841	21335	1.838	
91	32.238	91+134	n-Butylbenzene	832	21729	1.286	J
92	32.642	146+148	1,2-Dichlorobenzene	954	10007	1.142	
93	34.491	75+157	1,2-Dibromo-3-chloropropane	462	0	0.000	
94	37.090	180+182	1,2,4-Trichlorobenzene	964	17475	3.953	
95	37.359	225+226	Hexachlorobutadiene	980	5372	1.591	
96	37.782	128	Naphthalene	981	24719	6.039	J
97	38.404	180+182	1,2,3-Trichlorobenzene	980	16329	3.694	

Associated Laboratories

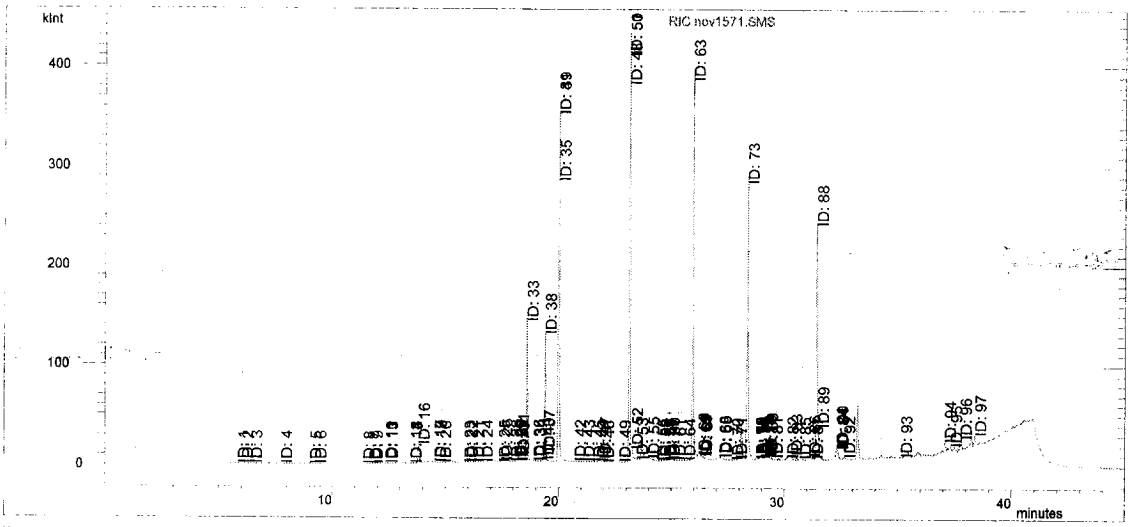
8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1571.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-825 5.36g **Acquisition Dat** 11/28/02 3:19:28 AM

Inj. Notes: **Operator Name:** dp

0.93



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.002	96+70	Fluorobenzene (IS1)	999	572645	50.000
63	25.953	117	Chlorobenzene-d5(IS2)	981	343050	50.000
88	31.431	152	1,4-Dichlorobenzene-d4(IS3)	983	147868	50.000
1	5.845	85	Dichlorodifluoromethane	97	0	0.000
2	6.038	50+52	Chloromethane	472	0	0.000
3	6.433	62+64	Vinyl Chloride	653	0	0.000
4	7.750	94+96	Bromomethane	879	583	0.297
5	9.026	49	Chloroethane	533	0	0.000
6	9.268	101+103	Trichlorofluoromethane	736	256	0.024
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	605	0	0.000
8	11.373	56	Acrolein	669	0	0.000
9	11.744	96+61+98	1,1-Dichloroethene	736	0	0.000
10	12.344	142	Iodomethane	919	230	229.551
11	12.411	43+58	Acetone	768	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	164	0	0.000
13	12.412	76	Carbon disulfide	864	962	38.927
14	13.477	41	Acetonitrile	379	0	0.000
15	13.477	41	Allyl chloride	599	0	0.000
16	13.820	84+49+86	Methylene Chloride	993	41492	3.265
17	14.516	59	tert-Butanol	421	0	0.000
18	14.555	73	Methyl-tert-butyl-ether (MTBE)	854	0	0.000
19	14.555	61+96	t-1,2-Dichloroethene	846	0	0.000
20	14.772	53	Acrylonitrile	579	0	0.000
21	16.236	63	1,1-Dichloroethane	646	0	0.000
22	15.940	43	Vinyl acetate	134	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.838	45	Isopropyl ether	332	0	0.000
24	16.607	59	Ethyl-tert-butyl-ether	679	0	0.000
25	17.365	77+41	2,2-Dichloropropane	342	0	0.000
26	17.479	61+96	c-1,2-Dichloroethene	825	0	0.000
27	18.134	43+72	2-Butanone (MEK)	209	0	0.000
28	17.917	54	Propionitrile	564	0	0.000
29	18.059	130+49	Bromochloromethane	885	0	0.000
30	18.110	39	Methacrylonitrile	372	0	0.000
31	18.230	83+85	Chloroform	984	10450	0.886
32	18.161	97+99	1,1,1-Trichloroethane	639	0	0.000
33	18.606	111	Dibromofluoromethane (Surr1)	890	127927	52.298
34	18.975	117+119	Carbon Tetrachloride	734	0	0.000
35	20.014	42+72	Tetrahydrofuran	326	646	646.477
36	18.900	75+39	1,1-Dichloropropene	579	0	0.000
37	19.356	78	Benzene	772	876	0.097
38	19.404	65	1,2-Dichloroethane-d4 (Surr2)	939	174590	67.077
39	20.002	62+64	1,2-Dichloroethane	400	14061	2.298
40	19.311	73+55+87	tert-Amyl-methyl-ether	432	0	0.000
42	20.737	130+132+95	Trichloroethene	893	0	0.000
43	21.108	41	Methyl methacrylate	466	0	0.000
44	21.739	63+65	1,2-Dichloropropane	433	0	0.000
45	21.546	93+174	Dibromomethane	879	0	0.000
46	21.971	88	1,4-Dioxane	554	0	0.000
47	21.824	83+85	Bromodichloromethane	954	4941	0.597
48	23.139	63+43	2-Chloroethyl vinyl ether	335	4130	2.135
49	22.701	75+77+39	c-1,3-Dichloropropene	657	0	0.000
50	23.133	43+58	4-Methyl-2-pentanone	335	6297	2.487
51	23.131	98	Toluene-d8 (Surr3)	993	519363	52.465
52	23.264	92+91	Toluene	915	6767	0.278
53	23.497	69	Ethyl methacrylate	487	0	0.000
54	24.733	43+58+100	2-Hexanone	475	0	0.000
55	23.985	75+77	t-1,3-Dichloropropene	458	0	0.000
56	24.388	97+99	1,1,2-Trichloroethane	571	0	0.000
57	24.745	164+166	Tetrachloroethene	550	0	0.000
58	24.502	76+41	1,3-Dichloropropane	504	0	0.000
59	24.682	43	Isobutyl alcohol	608	0	0.000
60	24.888	129+127	Dibromochloromethane	833	1012	0.204
61	25.157	107+109	1,2-Dibromoethane	523	0	0.000
62	26.303	91	1-Chlorohexane	905	0	0.000
64	25.579	112+114	Chlorobenzene	683	0	0.000
65	26.303	106+91	Ethylbenzene	905	0	0.000
66	26.211	131+117	1,1,1,2-Tetrachloroethane	413	0	0.000
67	26.342	106+91	p,m-Xylenes	968	0	0.000
68	27.142	106+91	o-Xylene	955	0	0.000
69	27.193	104+78	Styrene	934	0	0.000
70	27.697	171+173+175	Bromoform	767	0	0.000
71	27.872	105+120	Isopropylbenzene	978	1374	0.055
72	28.764	75	cis-1,4-Dichloro-2-butene	592	0	0.000
73	28.365	95	p-Bromofluorobenzene (Surr4)	988	221300	54.611
74	28.972	83+85	1,1,2,2-Tetrachloroethane	526	0	0.000
75	28.764	77+158	Bromobenzene	925	0	0.000
76	28.815	91+120	n-Propylbenzene	912	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.882	75	trans-1,4-Dichloro-2-butene	529	0	0.000
78	29.062	75+110	1,2,3-Trichloropropane	575	0	0.000
79	29.165	91+126	2-Chlorotoluene	883	0	0.000
80	29.231	105+120	1,3,5-Trimethylbenzene	979	0	0.000
81	29.447	91+126	4-Chlorotoluene	737	0	0.000
82	30.141	119+91	tert-Butylbenzene	951	0	0.000
83	30.306	105+120	1,2,4-Trimethylbenzene	992	0	0.000
84	32.360	117	Pentachloroethane	975	0	0.000
85	30.692	105+134	sec-Butylbenzene	971	0	0.000
86	31.102	119	4-Isopropyltoluene	981	0	0.000
87	31.231	146+148	1,3-Dichlorobenzene	901	0	0.000
89	31.500	146+148	1,4-Dichlorobenzene	446	5484	0.543
90	32.327	91	Benzyl Chloride	980	11713	0.928
91	32.342	91+134	n-Butylbenzene	977	15579	0.848
92	32.657	146+148	1,2-Dichlorobenzene	942	2329	0.244
93	35.163	75+157	1,2-Dibromo-3-chloropropane	625	0	0.000
94	37.091	180+182	1,2,4-Trichlorobenzene	973	9237	1.922
95	37.353	225+226	Hexachlorobutadiene	977	0	0.000
96	37.783	128	Naphthalene	981	12928	2.906
97	38.409	180+182	1,2,3-Trichlorobenzene	980	9012	1.875

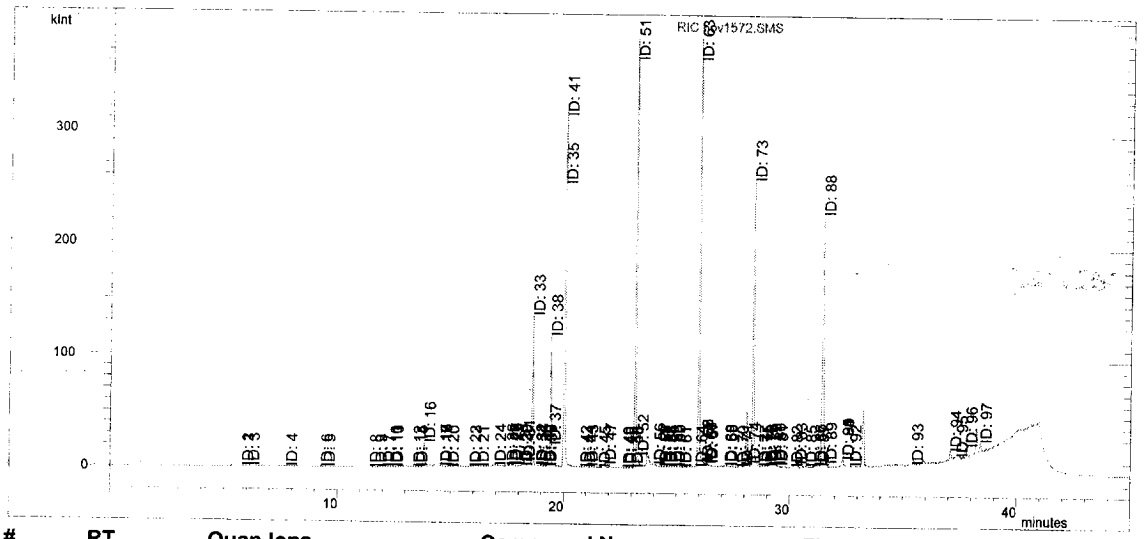
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1572.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-826 5.25g **Acquisition Dat** 11/28/02 4:06:24 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.008	96+70	Fluorobenzene (IS1)	999	523893	50.000
63	25.958	117	Chlorobenzene-d5(IS2)	983	320925	50.000
88	31.435	152	1,4-Dichlorobenzene-d4(IS3)	973	140529	50.000
1	5.805	85	Dichlorodifluoromethane	89	0	0.000
2	5.805	50+52	Chloromethane	619	0	0.000
3	6.074	62+64	Vinyl Chloride	615	0	0.000
4	7.755	94+96	Bromomethane	839	0	0.000
5	9.396	49	Chloroethane	413	0	0.000
6	9.270	101+103	Trichlorofluoromethane	670	0	0.000
7	12.001	101+151	Trichlorotrifluoroethane (Freon 113)	543	0	0.000
8	11.436	56	Acrolein	588	0	0.000
9	11.681	96+61+98	1,1-Dichloroethene	578	0	0.000
10	12.334	142	Iodomethane	924	113	113.280
11	12.389	43+58	Acetone	790	745	1.273
12	13.358	45	Isopropyl alcohol (2-Propanol)	89	0	0.000
13	12.411	76	Carbon disulfide	931	0	0.000
14	13.489	41	Acetonitrile	277	0	0.000
15	13.489	41	Allyl chloride	325	0	0.000
16	13.826	84+49+86	Methylene Chloride	996	48582	4.179
17	14.530	59	tert-Butanol	433	0	0.000
18	14.557	73	Methyl-tert-butyl-ether (MTBE)	862	0	0.000
19	14.545	61+96	t-1,2-Dichloroethene	782	0	0.000
20	14.865	53	Acrylonitrile	647	0	0.000
21	16.211	63	1,1-Dichloroethane	638	0	0.000
22	15.852	43	Vinyl acetate	93	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.852	45	Isopropyl ether	329	0	0.000
24	16.956	59	Ethyl-tert-butyl-ether	694	0	0.000
25	17.726	77+41	2,2-Dichloropropane	496	0	0.000
26	17.481	61+96	c-1,2-Dichloroethene	662	0	0.000
27	17.623	43+72	2-Butanone (MEK)	236	0	0.000
28	17.596	54	Propionitrile	561	0	0.000
29	18.069	130+49	Bromochloromethane	881	0	0.000
30	18.136	39	Methacrylonitrile	552	0	0.000
31	18.235	83+85	Chloroform	985	9036	0.837
32	18.780	97+99	1,1,1-Trichloroethane	658	0	0.000
33	18.612	111	Dibromofluoromethane (Surr1)	713	117961	52.711
34	18.819	117+119	Carbon Tetrachloride	641	0	0.000
35	19.994	42+72	Tetrahydrofuran	322	248	247.540
36	18.949	75+39	1,1-Dichloropropene	342	0	0.000
37	19.370	78	Benzene	621	875	0.106
38	19.410	65	1,2-Dichloroethane-d4 (Surr2)	957	166381	99.454
39	19.190	62+64	1,2-Dichloroethane	522	0	0.000
40	19.115	73+55+87	tert-Amyl-methyl-ether	478	0	0.000
42	20.746	130+132+95	Trichloroethene	873	0	0.000
43	21.026	41	Methyl methacrylate	566	0	0.000
44	20.912	63+65	1,2-Dichloropropane	454	0	0.000
45	21.567	93+174	Dibromomethane	846	0	0.000
46	22.731	88	1,4-Dioxane	448	0	0.000
47	21.833	83+85	Bromodichloromethane	958	4627	0.598
48	23.015	63+43	2-Chloroethyl vinyl ether	380	0	0.000
49	22.628	75+77+39	c-1,3-Dichloropropene	487	0	0.000
50	23.003	43+58	4-Methyl-2-pentanone	487	0	0.000
51	23.136	98	Toluene-d8 (Surr3)	993	466063	50.326
52	23.268	92+91	Toluene	909	5567	0.244
53	24.476	69	Ethyl methacrylate	325	0	0.000
54	24.539	43+58+100	2-Hexanone	470	0	0.000
55	24.259	75+77	t-1,3-Dichloropropene	459	0	0.000
56	24.015	97+99	1,1,2-Trichloroethane	547	0	0.000
57	24.283	164+166	Tetrachloroethene	555	0	0.000
58	24.488	76+41	1,3-Dichloropropane	319	0	0.000
59	24.760	43	Isobutyl alcohol	652	0	0.000
60	24.890	129+127	Dibromochloromethane	874	927	0.199
61	25.170	107+109	1,2-Dibromoethane	654	0	0.000
62	26.127	91	1-Chlorohexane	851	0	0.000
64	25.849	112+114	Chlorobenzene	637	0	0.000
65	26.127	106+91	Ethylbenzene	851	0	0.000
66	26.268	131+117	1,1,1,2-Tetrachloroethane	622	0	0.000
67	26.343	106+91	p,m-Xylenes	956	0	0.000
68	27.152	106+91	o-Xylene	947	0	0.000
69	27.203	104+78	Styrene	907	0	0.000
70	27.692	171+173+175	Bromoform	745	0	0.000
71	27.870	105+120	Isopropylbenzene	963	0	0.000
72	28.989	75	cis-1,4-Dichloro-2-butene	689	0	0.000
73	28.369	95	p-Bromofluorobenzene (Surr4)	988	198366	51.508
74	28.199	83+85	1,1,2,2-Tetrachloroethane	443	0	0.000
75	28.760	77+158	Bromobenzene	924	0	0.000
76	28.926	91+120	n-Propylbenzene	881	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.642	75	trans-1,4-Dichloro-2-butene	485	0	0.000
78	28.989	75+110	1,2,3-Trichloropropane	666	0	0.000
79	29.154	91+126	2-Chlorotoluene	942	0	0.000
80	29.336	105+120	1,3,5-Trimethylbenzene	980	0	0.000
81	29.438	91+126	4-Chlorotoluene	784	0	0.000
82	30.081	119+91	tert-Butylbenzene	947	0	0.000
83	30.261	105+120	1,2,4-Trimethylbenzene	986	12167	0.621
84	32.334	117	Pentachloroethane	963	0	0.000
85	30.709	105+134	sec-Butylbenzene	967	0	0.000
86	31.107	119	4-Isopropyltoluene	959	0	0.000
87	31.234	146+148	1,3-Dichlorobenzene	894	0	0.000
89	31.589	146+148	1,4-Dichlorobenzene	607	0	0.000
90	32.338	91	Benzyl Chloride	970	5556	0.463
91	32.339	91+134	n-Butylbenzene	967	10374	0.594
92	32.681	146+148	1,2-Dichlorobenzene	963	0	0.000
93	35.403	75+157	1,2-Dibromo-3-chloropropane	715	0	0.000
94	37.090	180+182	1,2,4-Trichlorobenzene	974	6768	1.482
95	37.365	225+226	Hexachlorobutadiene	964	0	0.000
96	37.782	128	Naphthalene	979	10199	2.412
97	38.406	180+182	1,2,3-Trichlorobenzene	979	6564	1.437

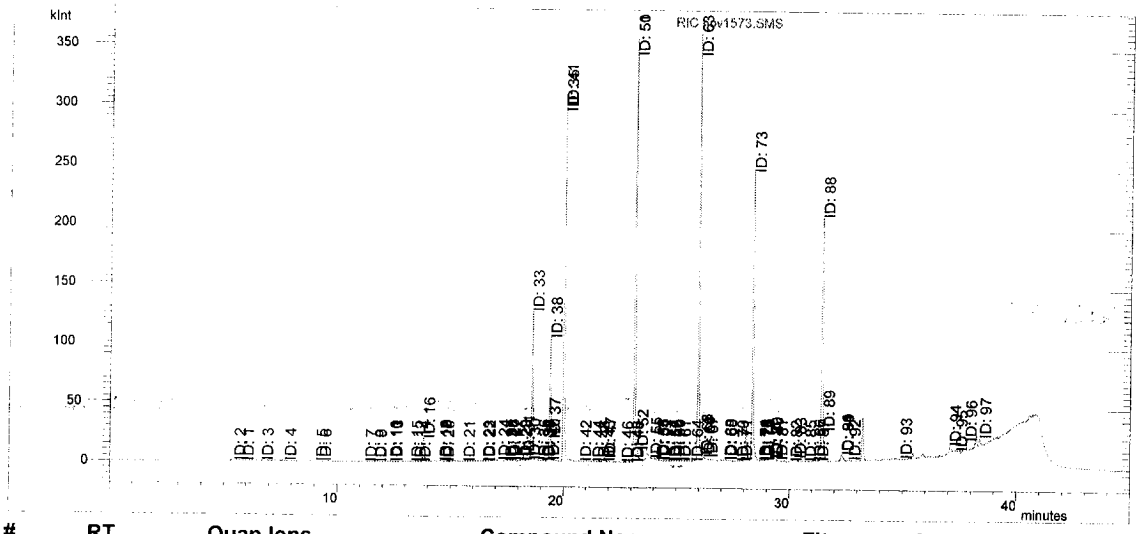
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1573.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-827 5.52g **Acquisition Dat** 11/28/02 4:53:58 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.004	96+70	Fluorobenzene (IS1)	999	491145	50.000
63	25.957	117	Chlorobenzene-d5(IS2)	982	298328	50.000
88	31.434	152	1,4-Dichlorobenzene-d4(IS3)	977	129758	50.000
1	5.857	85	Dichlorodifluoromethane	52	0	0.000
2	5.486	50+52	Chloromethane	500	0	0.000
3	6.705	62+64	Vinyl Chloride	615	0	0.000
4	7.716	94+96	Bromomethane	825	0	0.000
5	9.077	49	Chloroethane	566	0	0.000
6	9.243	101+103	Trichlorofluoromethane	811	0	0.000
7	11.255	101+151	Trichlorotrifluoroethane (Freon 113)	488	0	0.000
8	11.654	56	Acrolein	602	0	0.000
9	11.693	96+61+98	1,1-Dichloroethene	631	0	0.000
10	12.333	142	Iodomethane	934	210	210.046
11	12.372	43+58	Acetone	813	0	0.000
12	13.425	45	Isopropyl alcohol (2-Propanol)	149	0	0.000
13	12.411	76	Carbon disulfide	966	0	0.000
14	13.631	41	Acetonitrile	669	0	0.000
15	13.283	41	Allyl chloride	315	0	0.000
16	13.815	84+49+86	Methylene Chloride	994	45165	4.144
17	14.578	59	tert-Butanol	406	0	0.000
18	14.556	73	Methyl-tert-butyl-ether (MTBE)	880	250	0.048
19	14.527	61+96	t-1,2-Dichloroethene	723	0	0.000
20	14.669	53	Acrylonitrile	785	0	0.000
21	15.604	63	1,1-Dichloroethane	720	0	0.000
22	16.504	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.452	45	Isopropyl ether	343	0	0.000
24	17.131	59	Ethyl-tert-butyl-ether	652	0	0.000
25	17.427	77+41	2,2-Dichloropropane	469	0	0.000
26	17.530	61+96	c-1,2-Dichloroethene	673	0	0.000
27	17.620	43+72	2-Butanone (MEK)	762	0	0.000
28	18.118	54	Propionitrile	697	0	0.000
29	18.054	130+49	Bromochloromethane	881	322	0.065
30	18.493	39	Methacrylonitrile	265	0	0.000
31	18.232	83+85	Chloroform	985	8616	0.851
32	19.071	97+99	1,1,1-Trichloroethane	704	0	0.000
33	18.608	111	Dibromofluoromethane (Surr1)	817	115023	54.825
34	19.099	117+119	Carbon Tetrachloride	636	0	0.000
35	20.002	42+72	Tetrahydrofuran	326	399	399.274
36	18.905	75+39	1,1-Dichloropropene	372	0	0.000
37	19.365	78	Benzene	741	722	0.093
38	19.404	65	1,2-Dichloroethane-d4 (Surr2)	926	148274	56.517
39	19.138	62+64	1,2-Dichloroethane	517	0	0.000
40	19.328	73+55+87	tert-Amyl-methyl-ether	501	0	0.000
42	20.740	130+132+95	Trichloroethene	788	0	0.000
43	21.790	41	Methyl methacrylate	511	0	0.000
44	21.304	63+65	1,2-Dichloropropane	593	0	0.000
45	21.545	93+174	Dibromomethane	871	0	0.000
46	22.587	88	1,4-Dioxane	449	0	0.000
47	21.829	83+85	Bromodichloromethane	954	4503	0.626
48	22.997	63+43	2-Chloroethyl vinyl ether	404	0	0.000
49	23.048	75+77+39	c-1,3-Dichloropropene	570	0	0.000
50	23.132	43+58	4-Methyl-2-pentanone	341	5414	2.459
51	23.134	98	Toluene-d8 (Surr3)	993	447524	51.984
52	23.268	92+91	Toluene	915	5191	0.245
53	24.181	69	Ethyl methacrylate	399	0	0.000
54	24.244	43+58+100	2-Hexanone	524	0	0.000
55	23.874	75+77	t-1,3-Dichloropropene	413	0	0.000
56	24.154	97+99	1,1,2-Trichloroethane	476	0	0.000
57	24.682	164+166	Tetrachloroethene	299	0	0.000
58	24.757	76+41	1,3-Dichloropropane	357	0	0.000
59	24.773	43	Isobutyl alcohol	540	0	0.000
60	24.887	129+127	Dibromochloromethane	892	0	0.000
61	25.155	107+109	1,2-Dibromoethane	556	0	0.000
62	26.114	91	1-Chlorohexane	547	0	0.000
64	25.696	112+114	Chlorobenzene	582	0	0.000
65	26.114	106+91	Ethylbenzene	547	0	0.000
66	26.216	131+117	1,1,1,2-Tetrachloroethane	559	0	0.000
67	26.346	106+91	p,m-Xylenes	955	0	0.000
68	27.154	106+91	o-Xylene	957	0	0.000
69	27.206	104+78	Styrene	875	0	0.000
70	27.702	171+173+175	Bromoform	831	261	0.100
71	27.873	105+120	Isopropylbenzene	948	0	0.000
72	28.846	75	cis-1,4-Dichloro-2-butene	532	0	0.000
73	28.369	95	p-Bromofluorobenzene (Surr4)	988	190691	53.625
74	28.692	83+85	1,1,2,2-Tetrachloroethane	572	0	0.000
75	28.744	77+158	Bromobenzene	922	0	0.000
76	28.819	91+120	n-Propylbenzene	871	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.870	75	trans-1,4-Dichloro-2-butene	463	0	0.000
78	28.716	75+110	1,2,3-Trichloropropane	502	0	0.000
79	29.166	91+126	2-Chlorotoluene	902	0	0.000
80	29.245	105+120	1,3,5-Trimethylbenzene	970	0	0.000
81	29.450	91+126	4-Chlorotoluene	796	0	0.000
82	30.077	119+91	tert-Butylbenzene	930	0	0.000
83	30.258	105+120	1,2,4-Trimethylbenzene	989	0	0.000
84	32.343	117	Pentachloroethane	969	0	0.000
85	30.705	105+134	sec-Butylbenzene	941	0	0.000
86	31.103	119	4-Isopropyltoluene	952	0	0.000
87	31.245	146+148	1,3-Dichlorobenzene	895	0	0.000
89	31.503	146+148	1,4-Dichlorobenzene	417	2115	0.239
90	32.348	91	Benzyl Chloride	967	4172	0.377
91	32.355	91+134	n-Butylbenzene	971	0	0.000
92	32.662	146+148	1,2-Dichlorobenzene	929	0	0.000
93	34.938	75+157	1,2-Dibromo-3-chloropropane	636	0	0.000
94	37.089	180+182	1,2,4-Trichlorobenzene	974	6315	1.498
95	37.374	225+226	Hexachlorobutadiene	972	0	0.000
96	37.782	128	Naphthalene	980	9478	2.428
97	38.404	180+182	1,2,3-Trichlorobenzene	978	5383	1.276

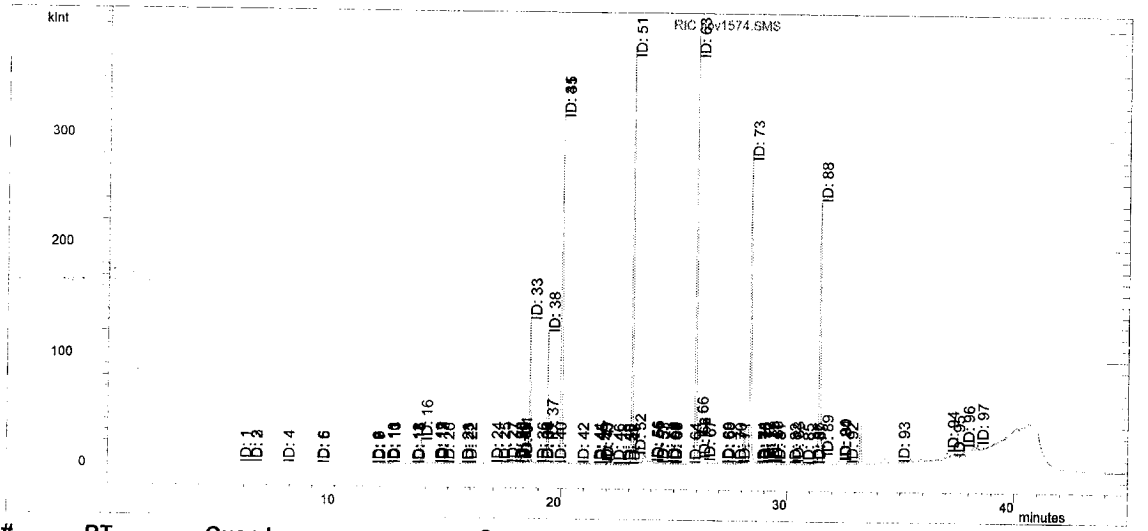
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1574.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-828 5.22g **Acquisition Dat** 11/28/02 5:41:20 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.002	96+70	Fluorobenzene (IS1)	999	530624	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	989	334815	50.000
88	31.428	152	1,4-Dichlorobenzene-d4(IS3)	982	144227	50.000
1	5.833	85	Dichlorodifluoromethane	65	0	0.000
2	6.330	50+52	Chloromethane	625	0	0.000
3	6.307	62+64	Vinyl Chloride	818	0	0.000
4	7.743	94+96	Bromomethane	808	0	0.000
5	9.282	49	Chloroethane	114	0	0.000
6	9.236	101+103	Trichlorofluoromethane	771	228	0.023
7	11.744	101+151	Trichlorotrifluoroethane (Freon 113)	515	0	0.000
8	11.654	56	Acrolein	693	0	0.000
9	11.705	96+61+98	1,1-Dichloroethene	815	0	0.000
10	12.324	142	Iodomethane	902	182	182.006
11	12.384	43+58	Acetone	798	0	0.000
12	13.425	45	Isopropyl alcohol (2-Propanol)	119	0	0.000
13	12.399	76	Carbon disulfide	977	0	0.000
14	13.488	41	Acetonitrile	373	0	0.000
15	13.488	41	Allyl chloride	415	0	0.000
16	13.817	84+49+86	Methylene Chloride	995	48203	4.093
17	14.475	59	tert-Butanol	458	0	0.000
18	14.546	73	Methyl-tert-butyl-ether (MTBE)	872	466	0.082
19	14.436	61+96	t-1,2-Dichloroethene	727	0	0.000
20	14.795	53	Acrylonitrile	560	0	0.000
21	15.631	63	1,1-Dichloroethane	460	0	0.000
22	15.785	43	Vinyl acetate	603	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.643	45	Isopropyl ether	368	0	0.000
24	16.926	59	Ethyl-tert-butyl-ether	615	0	0.000
25	17.245	77+41	2,2-Dichloropropane	442	0	0.000
26	18.027	61+96	c-1,2-Dichloroethene	582	0	0.000
27	17.604	43+72	2-Butanone (MEK)	705	0	0.000
28	17.964	54	Propionitrile	720	0	0.000
29	18.053	130+49	Bromochloromethane	889	348	0.065
30	18.145	39	Methacrylonitrile	317	0	0.000
31	18.232	83+85	Chloroform	994	9076	0.830
32	18.145	97+99	1,1,1-Trichloroethane	632	0	0.000
33	18.606	111	Dibromofluoromethane (Surr1)	797	120658	53.232
34	19.173	117+119	Carbon Tetrachloride	584	0	0.000
35	20.005	42+72	Tetrahydrofuran	324	288	287.529
36	18.944	75+39	1,1-Dichloropropene	212	0	0.000
37	19.363	78	Benzene	657	516	0.062
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	926	169653	59.855
39	19.122	62+64	1,2-Dichloroethane	566	0	0.000
40	19.730	73+55+87	tert-Amyl-methyl-ether	678	0	0.000
42	20.740	130+132+95	Trichloroethene	807	0	0.000
43	21.777	41	Methyl methacrylate	486	0	0.000
44	21.458	63+65	1,2-Dichloropropane	508	0	0.000
45	21.545	93+174	Dibromomethane	824	0	0.000
46	22.323	88	1,4-Dioxane	364	15	15.253
47	21.828	83+85	Bromodichloromethane	951	4412	0.546
48	22.997	63+43	2-Chloroethyl vinyl ether	337	0	0.000
49	22.713	75+77+39	c-1,3-Dichloropropene	459	0	0.000
50	22.827	43+58	4-Methyl-2-pentanone	337	0	0.000
51	23.131	98	Toluene-d8 (Surr3)	993	482884	49.979
52	23.267	92+91	Toluene	908	5424	0.228
53	24.300	69	Ethyl methacrylate	453	0	0.000
54	24.749	43+58+100	2-Hexanone	550	0	0.000
55	24.067	75+77	t-1,3-Dichloropropene	362	0	0.000
56	24.031	97+99	1,1,2-Trichloroethane	582	0	0.000
57	24.260	164+166	Tetrachloroethene	365	0	0.000
58	24.749	76+41	1,3-Dichloropropane	497	489	0.075
59	24.749	43	Isobutyl alcohol	651	0	0.000
60	24.876	129+127	Dibromochloromethane	890	0	0.000
61	24.837	107+109	1,2-Dibromoethane	696	0	0.000
62	26.113	91	1-Chlorohexane	796	0	0.000
64	25.709	112+114	Chlorobenzene	550	0	0.000
65	26.113	106+91	Ethylbenzene	796	0	0.000
66	26.012	131+117	1,1,1,2-Tetrachloroethane	419	0	0.000
67	26.346	106+91	p,m-Xylenes	947	0	0.000
68	27.154	106+91	o-Xylene	945	0	0.000
69	27.206	104+78	Styrene	858	0	0.000
70	27.703	171+173+175	Bromoform	838	0	0.000
71	27.872	105+120	Isopropylbenzene	942	1234	0.051
72	28.961	75	cis-1,4-Dichloro-2-butene	602	0	0.000
73	28.365	95	p-Bromofluorobenzene (Surr4)	987	218106	55.181
74	28.705	83+85	1,1,2,2-Tetrachloroethane	605	0	0.000
75	28.756	77+158	Bromobenzene	907	0	0.000
76	28.831	91+120	n-Propylbenzene	886	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.997	75	trans-1,4-Dichloro-2-butene	543	0	0.000
78	28.780	75+110	1,2,3-Trichloropropane	597	0	0.000
79	29.166	91+126	2-Chlorotoluene	869	0	0.000
80	29.320	105+120	1,3,5-Trimethylbenzene	976	0	0.000
81	29.447	91+126	4-Chlorotoluene	941	0	0.000
82	30.125	119+91	tert-Butylbenzene	933	0	0.000
83	30.256	105+120	1,2,4-Trimethylbenzene	988	0	0.000
84	32.356	117	Pentachloroethane	921	0	0.000
85	30.705	105+134	sec-Butylbenzene	943	0	0.000
86	31.128	119	4-Isopropyltoluene	937	0	0.000
87	31.218	146+148	1,3-Dichlorobenzene	885	0	0.000
89	31.548	146+148	1,4-Dichlorobenzene	372	0	0.000
90	32.341	91	Benzyl Chloride	972	0	0.000
91	32.341	91+134	n-Butylbenzene	960	0	0.000
92	32.649	146+148	1,2-Dichlorobenzene	945	0	0.000
93	34.927	75+157	1,2-Dibromo-3-chloropropane	594	0	0.000
94	37.084	180+182	1,2,4-Trichlorobenzene	975	5798	1.237
95	37.349	225+226	Hexachlorobutadiene	968	0	0.000
96	37.780	128	Naphthalene	979	7568	1.744
97	38.402	180+182	1,2,3-Trichlorobenzene	976	5058	1.079

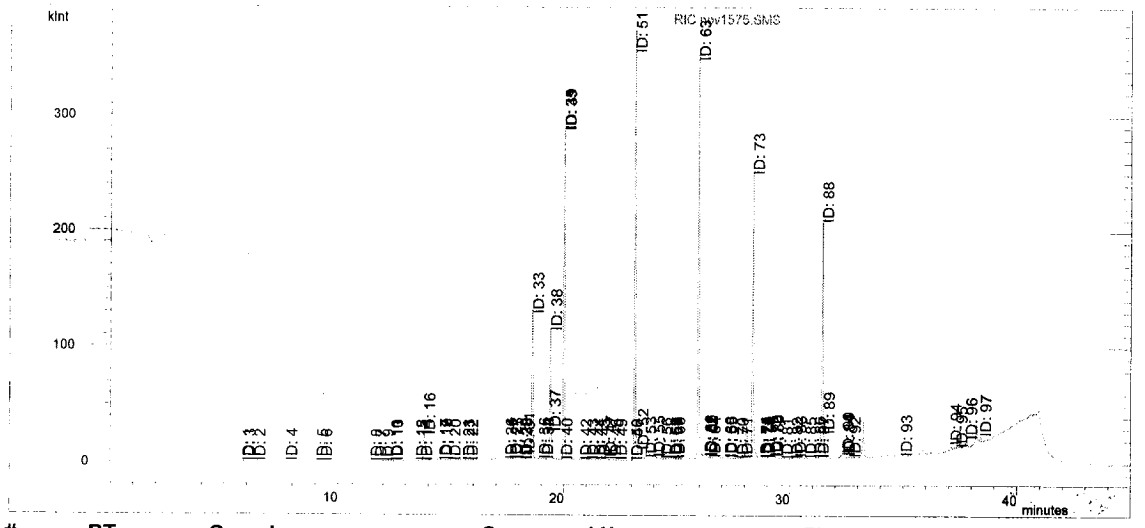
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1575.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102766-829 5.02g **Acquisition Dat** 11/28/02 6:28:43 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.998	96+70	Fluorobenzene (IS1)	999	493160	50.000
63	25.948	117	Chlorobenzene-d5(IS2)	982	300382	50.000
88	31.423	152	1,4-Dichlorobenzene-d4(IS3)	977	129048	50.000
1	5.805	85	Dichlorodifluoromethane	66	0	0.000
2	6.330	50+52	Chloromethane	605	0	0.000
3	5.884	62+64	Vinyl Chloride	615	0	0.000
4	7.743	94+96	Bromomethane	750	0	0.000
5	9.076	49	Chloroethane	600	0	0.000
6	9.259	101+103	Trichlorofluoromethane	800	157	0.017
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	664	0	0.000
8	11.460	56	Acrolein	657	0	0.000
9	11.973	96+61+98	1,1-Dichloroethene	707	0	0.000
10	12.343	142	Iodomethane	928	202	202.273
11	12.364	43+58	Acetone	872	987	1.792
12	13.461	45	Isopropyl alcohol (2-Propanol)	145	0	0.000
13	12.408	76	Carbon disulfide	969	998	46.886
14	13.682	41	Acetonitrile	492	0	0.000
15	13.476	41	Allyl chloride	415	0	0.000
16	13.819	84+49+86	Methylene Chloride	995	54509	4.981
17	14.502	59	tert-Butanol	459	0	0.000
18	14.568	73	Methyl-tert-butyl-ether (MTBE)	869	0	0.000
19	14.568	61+96	t-1,2-Dichloroethene	711	0	0.000
20	14.939	53	Acrylonitrile	412	0	0.000
21	15.543	63	1,1-Dichloroethane	649	0	0.000
22	15.721	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.567	45	Isopropyl ether	343	0	0.000
24	17.426	59	Ethyl-tert-butyl-ether	717	0	0.000
25	17.709	77+41	2,2-Dichloropropane	418	0	0.000
26	17.426	61+96	c-1,2-Dichloroethene	631	0	0.000
27	17.619	43+72	2-Butanone (MEK)	700	0	0.000
28	18.108	54	Propionitrile	562	0	0.000
29	18.051	130+49	Bromochloromethane	878	324	0.065
30	18.120	39	Methacrylonitrile	387	0	0.000
31	18.230	83+85	Chloroform	985	9144	0.900
32	19.058	97+99	1,1,1-Trichloroethane	665	0	0.000
33	18.602	111	Dibromofluoromethane (Surr1)	724	117869	55.952
34	19.034	117+119	Carbon Tetrachloride	591	0	0.000
35	19.995	42+72	Tetrahydrofuran	325	393	392.587
36	18.904	75+39	1,1-Dichloropropene	523	0	0.000
37	19.363	78	Benzene	710	572	0.074
38	19.399	65	1,2-Dichloroethane-d4 (Surr2)	916	155217	58.922
39	19.997	62+64	1,2-Dichloroethane	391	12321	2.338
40	19.885	73+55+87	tert-Amyl-methyl-ether	540	0	0.000
42	20.726	130+132+95	Trichloroethene	803	0	0.000
43	21.034	41	Methyl methacrylate	347	0	0.000
44	21.354	63+65	1,2-Dichloropropane	505	0	0.000
45	21.547	93+174	Dibromomethane	848	253	0.074
46	22.051	88	1,4-Dioxane	332	19	19.431
47	21.824	83+85	Bromodichloromethane	960	4489	0.620
48	22.984	63+43	2-Chloroethyl vinyl ether	285	0	0.000
49	22.301	75+77+39	c-1,3-Dichloropropene	390	0	0.000
50	22.984	43+58	4-Methyl-2-pentanone	284	0	0.000
51	23.127	98	Toluene-d8 (Surr3)	992	447176	51.589
52	23.261	92+91	Toluene	917	4886	0.229
53	23.618	69	Ethyl methacrylate	381	0	0.000
54	24.750	43+58+100	2-Hexanone	413	0	0.000
55	23.980	75+77	t-1,3-Dichloropropene	422	0	0.000
56	24.324	97+99	1,1,2-Trichloroethane	716	0	0.000
57	24.774	164+166	Tetrachloroethene	499	0	0.000
58	24.750	76+41	1,3-Dichloropropane	617	0	0.000
59	24.762	43	Isobutyl alcohol	542	0	0.000
60	24.878	129+127	Dibromochloromethane	903	884	0.203
61	24.710	107+109	1,2-Dibromoethane	754	0	0.000
62	26.296	91	1-Chlorohexane	838	0	0.000
64	26.450	112+114	Chlorobenzene	587	0	0.000
65	26.296	106+91	Ethylbenzene	838	0	0.000
66	26.245	131+117	1,1,1,2-Tetrachloroethane	373	0	0.000
67	26.336	106+91	p,m-Xylenes	944	0	0.000
68	27.141	106+91	o-Xylene	957	0	0.000
69	27.208	104+78	Styrene	874	0	0.000
70	27.682	171+173+175	Bromoform	830	0	0.000
71	27.875	105+120	Isopropylbenzene	957	0	0.000
72	29.145	75	cis-1,4-Dichloro-2-butene	653	0	0.000
73	28.359	95	p-Bromofluorobenzene (Surr4)	989	191056	54.024
74	28.707	83+85	1,1,2,2-Tetrachloroethane	509	0	0.000
75	28.746	77+158	Bromobenzene	901	0	0.000
76	28.809	91+120	n-Propylbenzene	886	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.876	75	trans-1,4-Dichloro-2-butene	455	0	0.000
78	28.876	75+110	1,2,3-Trichloropropane	625	0	0.000
79	29.169	91+126	2-Chlorotoluene	890	0	0.000
80	29.235	105+120	1,3,5-Trimethylbenzene	969	0	0.000
81	29.646	91+126	4-Chlorotoluene	721	0	0.000
82	30.092	119+91	tert-Butylbenzene	941	0	0.000
83	30.234	105+120	1,2,4-Trimethylbenzene	984	0	0.000
84	32.386	117	Pentachloroethane	971	0	0.000
85	30.695	105+134	sec-Butylbenzene	953	0	0.000
86	31.082	119	4-Isopropyltoluene	966	0	0.000
87	31.236	146+148	1,3-Dichlorobenzene	867	0	0.000
89	31.498	146+148	1,4-Dichlorobenzene	359	1823	0.207
90	32.335	91	Benzyl Chloride	977	0	0.000
91	32.335	91+134	n-Butylbenzene	977	0	0.000
92	32.654	146+148	1,2-Dichlorobenzene	938	0	0.000
93	34.919	75+157	1,2-Dibromo-3-chloropropane	623	0	0.000
94	37.085	180+182	1,2,4-Trichlorobenzene	971	5174	1.284
95	37.361	225+226	Hexachlorobutadiene	950	0	0.000
96	37.775	128	Naphthalene	979	7567	1.949
97	38.400	180+182	1,2,3-Trichlorobenzene	973	4880	1.164

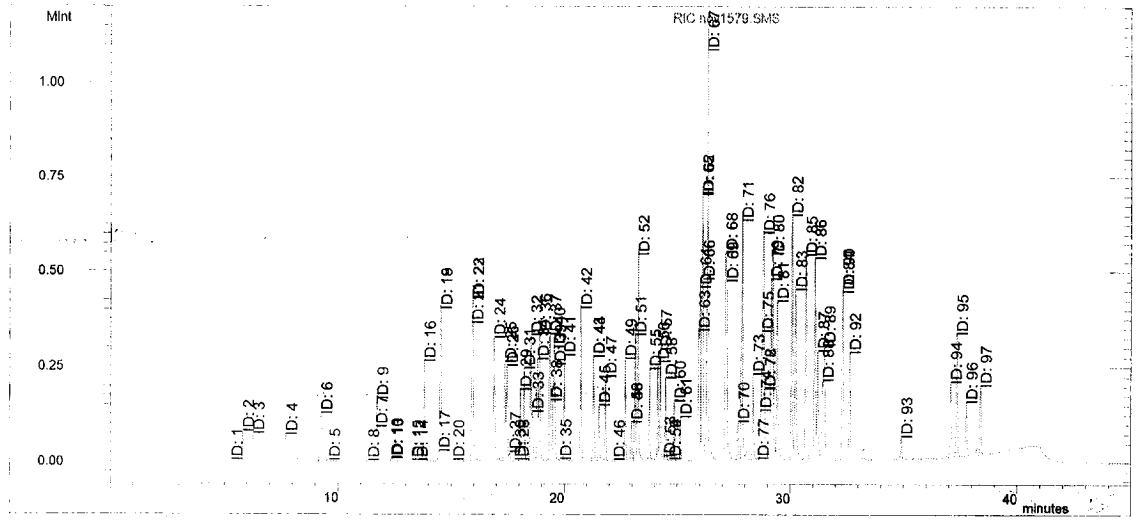
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1579.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS soil **Acquisition Dat** 11/28/02 9:38:47 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	462634	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	989	283165	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	971	127255	50.000
1	5.334	85	Dichlorodifluoromethane	607	125	38.206
2	5.821	50+52	Chloromethane	994	120503	64.088
3	6.270	62+64	Vinyl Chloride	998	215906	54.841
4	7.720	94+96	Bromomethane	944	53340	33.671
5	9.610	49	Chloroethane	127	0	0.000
6	9.257	101+103	Trichlorofluoromethane	995	521782	61.602
7	11.689	101+151	Trichlorotrifluoroethane (Freon 113)	853	0	0.000
8	11.330	56	Acrolein	723	0	0.000
9	11.723	96+61+98	1,1-Dichloroethene	990	492273	53.190
10	12.339	142	Iodomethane	947	1915	1915.132
11	12.368	43+58	Acetone	947	24531	47.480
12	13.326	45	Isopropyl alcohol (2-Propanol)	564	0	0.000
13	12.402	76	Carbon disulfide	910	0	0.000
14	13.492	41	Acetonitrile	429	0	0.000
15	13.263	41	Allyl chloride	731	0	0.000
16	13.818	84+49+86	Methylene Chloride	999	596512	58.101
17	14.455	59	tert-Butanol	578	43854	269.775
18	14.530	73	Methyl-tert-butyl-ether (MTBE)	921	227490	46.151
19	14.542	61+96	t-1,2-Dichloroethene	972	423382	56.285
20	15.087	53	Acrylonitrile	560	0	0.000
21	15.925	63	1,1-Dichloroethane	984	307804	57.766
22	15.952	43	Vinyl acetate	735	170896	170895.900

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.954	45	Isopropyl ether	997	422494	59.323
24	16.898	59	Ethyl-tert-butyl-ether	999	480380	62.236
25	17.375	77+41	2,2-Dichloropropane	993	391322	49.911
26	17.467	61+96	c-1,2-Dichloroethene	991	426687	53.987
27	17.585	43+72	2-Butanone (MEK)	968	42111	56.879
28	17.954	54	Propionitrile	622	0	0.000
29	18.053	130+49	Bromochloromethane	990	241519	51.425
30	17.816	39	Methacrylonitrile	414	0	0.000
31	18.226	83+85	Chloroform	999	491225	51.526
32	18.534	97+99	1,1,1-Trichloroethane	983	622757	51.739
33	18.605	111	Dibromofluoromethane (Surr1)	926	105635	53.453
34	18.822	117+119	Carbon Tetrachloride	969	500998	52.446
35	19.829	42+72	Tetrahydrofuran	607	0	0.000
36	18.907	75+39	1,1-Dichloropropene	994	42934	8.858
37	19.360	78	Benzene	996	360105	49.358
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	996	123922	50.146
39	19.570	62+64	1,2-Dichloroethane	978	274731	55.584
40	19.534	73+55+87	tert-Amyl-methyl-ether	972	439807	51.713
42	20.732	130+132+95	Trichloroethene	988	562676	58.626
43	21.297	41	Methyl methacrylate	674	105687	105687.200
44	21.297	63+65	1,2-Dichloropropane	998	139109	55.950
45	21.548	93+174	Dibromomethane	954	178704	55.269
46	22.188	88	1,4-Dioxane	476	13	13.209
47	21.824	83+85	Bromodichloromethane	991	348402	51.027
48	22.960	63+43	2-Chloroethyl vinyl ether	990	87480	54.784
49	22.699	75+77+39	c-1,3-Dichloropropene	991	360273	48.437
50	22.960	43+58	4-Methyl-2-pentanone	990	122624	58.676
51	23.130	98	Toluene-d8 (Surr3)	993	418400	51.204
52	23.261	92+91	Toluene	996	1076015	53.560
53	24.448	69	Ethyl methacrylate	410	0	0.000
54	24.693	43+58+100	2-Hexanone	418	0	0.000
55	23.793	75+77	t-1,3-Dichloropropene	647	155647	51.355
56	24.156	97+99	1,1,2-Trichloroethane	972	207682	55.743
57	24.266	164+166	Tetrachloroethene	946	46410	53.105
58	24.495	76+41	1,3-Dichloropropane	987	270794	48.901
59	24.693	43	Isobutyl alcohol	418	0	0.000
60	24.881	129+127	Dibromochloromethane	950	218895	53.336
61	25.153	107+109	1,2-Dibromoethane	983	235113	51.503
62	26.112	91	1-Chlorohexane	997	754664	53.291
64	26.007	112+114	Chlorobenzene	992	592366	51.376
65	26.112	106+91	Ethylbenzene	997	1092385	49.006
66	26.152	131+117	1,1,1,2-Tetrachloroethane	982	258946	20.149
67	26.329	106+91	p,m-Xylenes	996	1839790	97.577
68	27.145	106+91	o-Xylene	996	992980	51.009
69	27.191	104+78	Styrene	984	590419	48.509
70	27.695	171+173+175	Bromoform	930	135715	52.870
71	27.869	105+120	Isopropylbenzene	999	1118538	52.168
72	28.866	75	cis-1,4-Dichloro-2-butene	970	76933	49.381
73	28.363	95	p-Bromofluorobenzene (Surr4)	987	179520	51.477
74	28.692	83+85	1,1,2,2-Tetrachloroethane	972	162386	44.129
75	28.752	77+158	Bromobenzene	985	426304	49.512
76	28.809	91+120	n-Propylbenzene	996	1227495	49.847

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.578	75	trans-1,4-Dichloro-2-butene	564	0	0.000
78	28.866	75+110	1,2,3-Trichloropropane	966	117962	51.691
79	29.153	91+126	2-Chlorotoluene	991	807223	50.811
80	29.226	105+120	1,3,5-Trimethylbenzene	998	1070282	54.738
81	29.436	91+126	4-Chlorotoluene	991	722911	50.956
82	30.073	119+91	tert-Butylbenzene	984	1391223	52.944
83	30.244	105+120	1,2,4-Trimethylbenzene	994	941118	53.081
84	32.327	117	Pentachloroethane	990	4520	56.786
85	30.691	105+134	sec-Butylbenzene	997	1101877	52.285
86	31.086	119	4-Isopropyltoluene	989	739913	53.975
87	31.221	146+148	1,3-Dichlorobenzene	990	459806	50.124
89	31.501	146+148	1,4-Dichlorobenzene	981	419462	48.296
90	32.321	91	Benzyl Chloride	991	542174	49.928
91	32.322	91+134	n-Butylbenzene	991	768868	48.649
92	32.636	146+148	1,2-Dichlorobenzene	986	418629	51.054
93	34.913	75+157	1,2-Dibromo-3-chloropropane	962	56956	47.918
94	37.080	180+182	1,2,4-Trichlorobenzene	976	189601	45.844
95	37.354	225+226	Hexachlorobutadiene	981	146932	46.508
96	37.774	128	Naphthalene	981	176940	46.212
97	38.396	180+182	1,2,3-Trichlorobenzene	983	172340	41.671

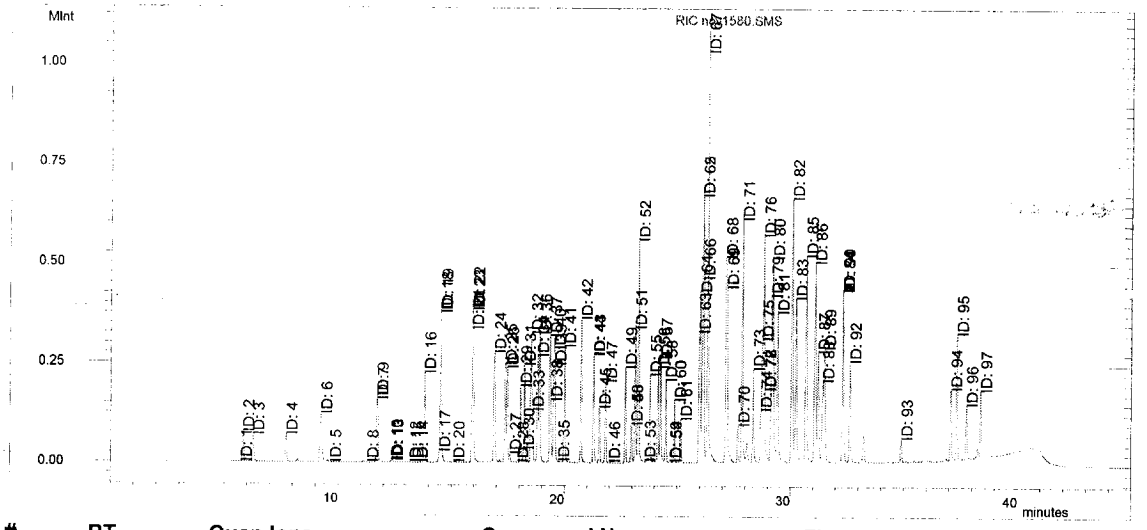
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6nov02\nov1580.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCSD soil **Acquisition Dat** 11/28/02 10:26:27 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.001	96+70	Fluorobenzene (IS1)	999	475638	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	988	274564	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	967	122025	50.000
1	5.730	85	Dichlorodifluoromethane	565	0	0.000
2	5.821	50+52	Chloromethane	992	120611	62.392
3	6.270	62+64	Vinyl Chloride	999	207731	51.322
4	7.722	94+96	Bromomethane	958	61752	37.916
5	9.650	49	Chloroethane	678	0	0.000
6	9.254	101+103	Trichlorofluoromethane	992	508912	58.440
7	11.709	101+151	Trichlorotrifluoroethane (Freon 113)	786	0	0.000
8	11.292	56	Acrolein	759	0	0.000
9	11.722	96+61+98	1,1-Dichloroethene	992	518661	54.509
10	12.332	142	Iodomethane	957	1873	1873.286
11	12.371	43+58	Acetone	952	25952	48.858
12	13.175	45	Isopropyl alcohol (2-Propanol)	563	0	0.000
13	12.405	76	Carbon disulfide	963	0	0.000
14	13.483	41	Acetonitrile	493	0	0.000
15	13.289	41	Allyl chloride	726	0	0.000
16	13.818	84+49+86	Methylene Chloride	990	502327	47.589
17	14.459	59	tert-Butanol	582	55402	331.493
18	14.528	73	Methyl-tert-butyl-ether (MTBE)	925	217543	42.927
19	14.541	61+96	t-1,2-Dichloroethene	977	404883	52.354
20	15.092	53	Acrylonitrile	472	0	0.000
21	15.925	63	1,1-Dichloroethane	974	287762	52.529
22	15.951	43	Vinyl acetate	727	158946	158946.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.953	45	Isopropyl ether	986	391049	53.407
24	16.898	59	Ethyl-tert-butyl-ether	998	426459	53.739
25	17.375	77+41	2,2-Dichloropropane	993	366540	45.472
26	17.468	61+96	c-1,2-Dichloroethene	991	397475	48.916
27	17.586	43+72	2-Butanone (MEK)	951	39521	51.921
28	17.920	54	Propionitrile	515	0	0.000
29	18.053	130+49	Bromochloromethane	996	237325	49.151
30	18.184	39	Methacrylonitrile	370	0	0.000
31	18.227	83+85	Chloroform	1000	487688	49.757
32	18.535	97+99	1,1,1-Trichloroethane	983	613883	49.607
33	18.606	111	Dibromofluoromethane (Surr1)	911	107680	52.999
34	18.822	117+119	Carbon Tetrachloride	970	495878	50.491
35	19.728	42+72	Tetrahydrofuran	619	0	0.000
36	18.907	75+39	1,1-Dichloropropene	994	34306	6.885
37	19.360	78	Benzene	997	338067	45.070
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	997	128198	50.458
39	19.571	62+64	1,2-Dichloroethane	978	264118	51.975
40	19.536	73+55+87	tert-Amyl-methyl-ether	979	414880	47.448
42	20.733	130+132+95	Trichloroethene	987	523181	56.219
43	21.297	41	Methyl methacrylate	533	101360	101360.000
44	21.298	63+65	1,2-Dichloropropane	998	136947	56.806
45	21.548	93+174	Dibromomethane	954	178782	57.025
46	21.981	88	1,4-Dioxane	686	16	16.490
47	21.825	83+85	Bromodichloromethane	991	334418	50.513
48	22.963	63+43	2-Chloroethyl vinyl ether	989	89265	57.653
49	22.700	75+77+39	c-1,3-Dichloropropene	991	345271	47.874
50	22.962	43+58	4-Methyl-2-pentanone	988	120181	59.308
51	23.131	98	Toluene-d8 (Surr3)	993	421161	53.156
52	23.262	92+91	Toluene	996	1060285	54.430
53	23.561	69	Ethyl methacrylate	630	0	0.000
54	24.723	43+58+100	2-Hexanone	709	0	0.000
55	23.794	75+77	t-1,3-Dichloropropene	674	146031	49.692
56	24.156	97+99	1,1,2-Trichloroethane	972	193116	53.457
57	24.268	164+166	Tetrachloroethene	949	43774	51.658
58	24.495	76+41	1,3-Dichloropropane	986	258289	48.104
59	24.695	43	Isobutyl alcohol	671	0	0.000
60	24.882	129+127	Dibromochloromethane	954	215297	54.103
61	25.154	107+109	1,2-Dibromoethane	982	225528	50.951
62	26.113	91	1-Chlorohexane	997	719319	52.386
64	26.010	112+114	Chlorobenzene	992	549286	49.132
65	26.113	106+91	Ethylbenzene	997	1036050	48.471
66	26.154	131+117	1,1,1,2-Tetrachloroethane	982	252983	20.529
67	26.332	106+91	p,m-Xylenes	996	1757627	97.214
68	27.146	106+91	o-Xylene	996	923300	49.462
69	27.193	104+78	Styrene	985	550298	47.150
70	27.697	171+173+175	Bromoform	927	128901	52.368
71	27.871	105+120	Isopropylbenzene	999	1054746	51.301
72	28.867	75	cis-1,4-Dichloro-2-butene	969	74042	49.562
73	28.364	95	p-Bromofluorobenzene (Surr4)	987	180460	53.964
74	28.692	83+85	1,1,2,2-Tetrachloroethane	964	158942	45.045
75	28.753	77+158	Bromobenzene	989	405101	49.066
76	28.811	91+120	n-Propylbenzene	996	1147824	48.609

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.867	75	trans-1,4-Dichloro-2-butene	368	73817	49.411
78	28.867	75+110	1,2,3-Trichloropropane	967	114353	52.257
79	29.154	91+126	2-Chlorotoluene	991	721975	47.393
80	29.229	105+120	1,3,5-Trimethylbenzene	997	973979	51.947
81	29.437	91+126	4-Chlorotoluene	992	653829	48.062
82	30.074	119+91	tert-Butylbenzene	984	1377306	54.661
83	30.245	105+120	1,2,4-Trimethylbenzene	994	883992	51.996
84	32.322	117	Pentachloroethane	990	3950	51.751
85	30.693	105+134	sec-Butylbenzene	996	1050521	51.985
86	31.088	119	4-Isopropyltoluene	987	678091	51.585
87	31.224	146+148	1,3-Dichlorobenzene	983	422953	48.083
89	31.505	146+148	1,4-Dichlorobenzene	985	391258	46.980
90	32.323	91	Benzyl Chloride	991	509762	48.955
91	32.323	91+134	n-Butylbenzene	991	722136	47.650
92	32.636	146+148	1,2-Dichlorobenzene	987	377974	48.071
93	34.914	75+157	1,2-Dibromo-3-chloropropane	963	55566	48.752
94	37.082	180+182	1,2,4-Trichlorobenzene	976	179227	45.193
95	37.356	225+226	Hexachlorobutadiene	981	145166	47.918
96	37.776	128	Naphthalene	982	171059	46.590
97	38.397	180+182	1,2,3-Trichlorobenzene	983	160359	40.436

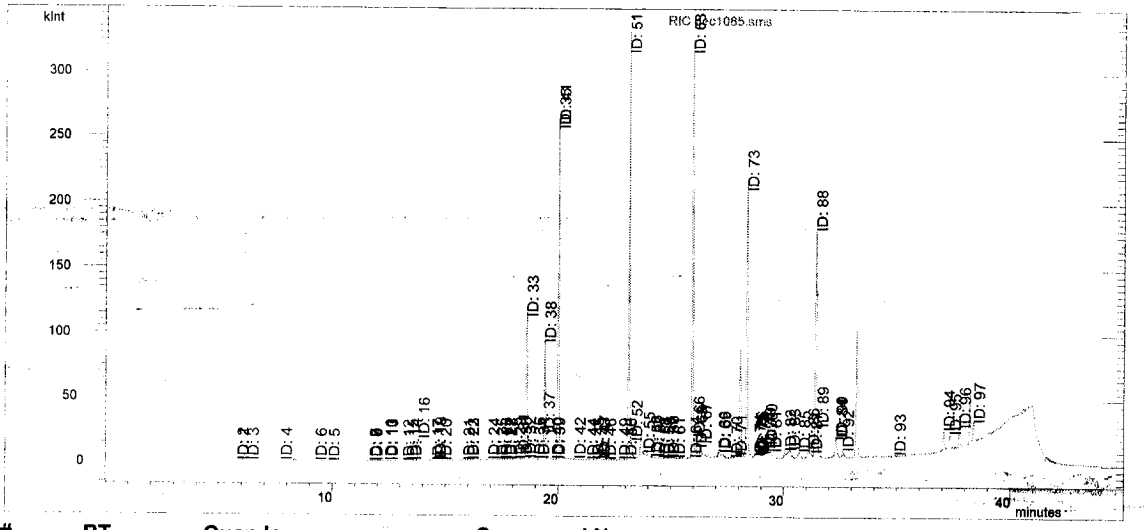
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1085.s ms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 1 **Acquisition Dat** 12/5/02 10:54:10 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.993	96+70	Fluorobenzene (IS1)	999	443911	50.000
63	25.944	117	Chlorobenzene-d5(IS2)	983	264286	50.000
88	31.414	152	1,4-Dichlorobenzene-d4(IS3)	970	110585	50.000
1	5.833	85	Dichlorodifluoromethane	104	0	0.000
2	5.818	50+52	Chloromethane	665	0	0.000
3	6.255	62+64	Vinyl Chloride	807	0	0.000
4	7.743	94+96	Bromomethane	840	0	0.000
5	9.846	49	Chloroethane	366	0	0.000
6	9.266	101+103	Trichlorofluoromethane	842	528	0.065
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	522	0	0.000
8	11.654	56	Acrolein	715	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	904	0	0.000
10	12.344	142	Iodomethane	920	269	269.005
11	12.348	43+58	Acetone	804	0	0.000
12	13.129	45	Isopropyl alcohol (2-Propanol)	439	0	0.000
13	12.411	76	Carbon disulfide	945	0	0.000
14	13.461	41	Acetonitrile	555	0	0.000
15	13.307	41	Allyl chloride	655	0	0.000
16	13.814	84+49+86	Methylene Chloride	994	37587	3.815
17	14.419	59	tert-Butanol	434	199	1.273
18	14.546	73	Methyl-tert-butyl-ether (MTBE)	873	1545	0.327
19	14.530	61+96	t-1,2-Dichloroethene	861	0	0.000
20	14.786	53	Acrylonitrile	669	0	0.000
21	15.812	63	1,1-Dichloroethane	760	0	0.000
22	16.017	43	Vinyl acetate	778	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.978	45	Isopropyl ether	707	0	0.000
24	16.917	59	Ethyl-tert-butyl-ether	708	0	0.000
25	17.260	77+41	2,2-Dichloropropane	484	0	0.000
26	17.466	61+96	c-1,2-Dichloroethene	914	0	0.000
27	17.620	43+72	2-Butanone (MEK)	497	0	0.000
28	17.698	54	Propionitrile	463	0	0.000
29	18.053	130+49	Bromochloromethane	926	659	0.146
30	18.353	39	Methacrylonitrile	348	0	0.000
31	18.223	83+85	Chloroform	989	7160	0.783
32	18.531	97+99	1,1,1-Trichloroethane	642	0	0.000
33	18.598	111	Dibromofluoromethane (Surr1)	874	100196	62.840
34	19.113	117+119	Carbon Tetrachloride	525	0	0.000
35	19.989	42+72	Tetrahydrofuran	321	546	546.393
36	18.923	75+39	1,1-Dichloropropene	784	0	0.000
37	19.358	78	Benzene	838	1334	0.191
38	19.394	65	1,2-Dichloroethane-d4 (Surr2)	950	129649	54.676
39	19.812	62+64	1,2-Dichloroethane	675	0	0.000
40	19.724	73+55+87	tert-Amyl-methyl-ether	650	0	0.000
42	20.727	130+132+95	Trichloroethene	926	711	0.079
43	21.782	41	Methyl methacrylate	295	0	0.000
44	21.296	63+65	1,2-Dichloropropane	579	0	0.000
45	21.537	93+174	Dibromomethane	880	0	0.000
46	22.078	88	1,4-Dioxane	557	0	0.000
47	21.820	83+85	Bromodichloromethane	958	4223	0.663
48	22.989	63+43	2-Chloroethyl vinyl ether	656	0	0.000
49	22.705	75+77+39	c-1,3-Dichloropropene	790	0	0.000
50	22.989	43+58	4-Methyl-2-pentanone	670	0	0.000
51	23.122	98	Toluene-d8 (Surr3)	993	401594	52.658
52	23.256	92+91	Toluene	968	14316	0.764
53	24.491	69	Ethyl methacrylate	670	0	0.000
54	24.698	43+58+100	2-Hexanone	440	0	0.000
55	23.797	75+77	t-1,3-Dichloropropene	544	0	0.000
56	24.144	97+99	1,1,2-Trichloroethane	636	0	0.000
57	24.257	164+166	Tetrachloroethene	699	135	0.165
58	24.491	76+41	1,3-Dichloropropane	743	0	0.000
59	24.672	43	Isobutyl alcohol	276	0	0.000
60	24.874	129+127	Dibromochloromethane	864	1014	0.265
61	25.146	107+109	1,2-Dibromoethane	850	0	0.000
62	26.104	91	1-Chlorohexane	985	0	0.000
64	25.876	112+114	Chlorobenzene	666	0	0.000
65	26.105	106+91	Ethylbenzene	985	3848	0.199
66	26.014	131+117	1,1,1,2-Tetrachloroethane	415	0	0.000
67	26.323	106+91	p,m-Xylenes	991	11148	0.680
68	27.134	106+91	o-Xylene	967	4361	0.258
69	27.181	104+78	Styrene	933	0	0.000
70	27.682	171+173+175	Bromoform	812	0	0.000
71	27.866	105+120	Isopropylbenzene	981	2286	0.123
72	28.866	75	cis-1,4-Dichloro-2-butene	715	0	0.000
73	28.352	95	p-Bromofluorobenzene (Surr4)	988	164611	54.317
74	28.701	83+85	1,1,2,2-Tetrachloroethane	695	0	0.000
75	28.746	77+158	Bromobenzene	963	2853	0.381
76	28.803	91+120	n-Propylbenzene	953	5596	0.261

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.122	75	trans-1,4-Dichloro-2-butene	431	0	0.000
78	28.866	75+110	1,2,3-Trichloropropane	670	0	0.000
79	29.150	91+126	2-Chlorotoluene	968	0	0.000
80	29.223	105+120	1,3,5-Trimethylbenzene	970	5890	0.347
81	29.424	91+126	4-Chlorotoluene	969	0	0.000
82	30.067	119+91	tert-Butylbenzene	971	12593	0.551
83	30.238	105+120	1,2,4-Trimethylbenzene	993	19655	1.276
84	32.340	117	Pentachloroethane	989	0	0.000
85	30.696	105+134	sec-Butylbenzene	984	0	0.000
86	31.093	119	4-Isopropyltoluene	985	9570	0.803
87	31.213	146+148	1,3-Dichlorobenzene	951	5615	0.704
89	31.489	146+148	1,4-Dichlorobenzene	657	8031	1.064
90	32.317	91	Benzyl Chloride	990	22622	2.397
91	32.318	91+134	n-Butylbenzene	989	30510	2.221
92	32.625	146+148	1,2-Dichlorobenzene	981	7593	1.066
93	34.917	75+157	1,2-Dibromo-3-chloropropane	837	0	0.000
94	37.077	180+182	1,2,4-Trichlorobenzene	976	15030	4.182
95	37.348	225+226	Hexachlorobutadiene	980	4824	1.757
96	37.769	128	Naphthalene	981	18181	5.464
97	38.393	180+182	1,2,3-Trichlorobenzene	980	13726	3.819

EPA 8270:

Data & QA/QC

Sequence Name: C:\HPCHEM\1\SEQUENCE\120402.S
Comment: data analyzed on the 4th of December 2002
Operator: dp
Data Path: C:\HPCHEM\1\DATA\DEC02\120402\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	120401	DFTPP525	50 ng of DFTPP Tune
2	Sample	3	120402	020401	50 ppm 8270 ccv
3	Sample	7	120403	020401	MB 102763
4	Sample	8	120404	020401	LCS 102763
5	Sample	9	120405	020401	102763-752
6	Sample	10	120406	020401	102763-752, MS
7	Sample	11	120407	020401	102763-752, MSD
8	Sample	12	120408	020401	102763-753
9	Sample	13	120409	020401	102763-754
10	Sample	14	120410	020401	102763-755
11	Sample	15	120411	020401	102763-756
12	Sample	16	120412	020401	102763-757
13	Sample	17	120413	020401	102763-758
14	Sample	18	120414	020401	102763-759
15	Sample	1	120415	DFTPP525	50 ng of DFTPP Tune
16	Sample	3	120416	020401	50 ppm 8270 ccv
17	Sample	19	120417	020401	102766-827
18	Sample	20	120418	020401	102943-775
19	Sample	21	120419	020401	102766-821
20	Sample	22	120420	020401	102766-822
21	Sample	23	120421	020401	102766-823
22	Sample	24	120422	020401	102766-824
23	Sample	25	120423	020401	102766-825
24	Sample	26	120424	020401	102766-826
25	Sample	27	120425	020401	102766-828
26	Sample	28	120426	020401	102766-829
27	Sample	3	120427	020401	50 ppm 8270 ccv

000183

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration

Non-Spiked Sample: 120403.D, MB 102763, method blank - soil samples

	Spike Sample	Spike Duplicate Sample
File ID :	120404.D	
Sample :	LCS 102763	
Acq Time:	4 Dec 2002 3:44 pm	

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.2	50	27		54			35	26-125
2-Chlorophenol	0.1	50	28		57			50	25-125
1,4-Dichlorobenzene	0.1	50	28		56			27	28-104
n-Nitroso-di-n-propy	0.1	50	24		47			38	41-126
1,2,4-Trichlorobenze	0.0	50	29		58			23	38-107
4-Chloro-3-methylphe	0.0	50	33		67			33	26-103
Acenaphthene	0.0	50	33		66			19	31-137
4-Nitrophenol	0.0	50	42		84			50	11-114
2,4-Dinitrotoluene	0.1	50	39		78			47	28- 89
Pentachlorophenol	0.0	50	22		44			47	17-109
Pyrene	0.0	50	42		83			36	35-142

- Fails Limit Check

120202.M Thu Dec 05 09:09:51 2002

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration

Non-Spiked Sample: 120405.D, 102763-752, soil sample

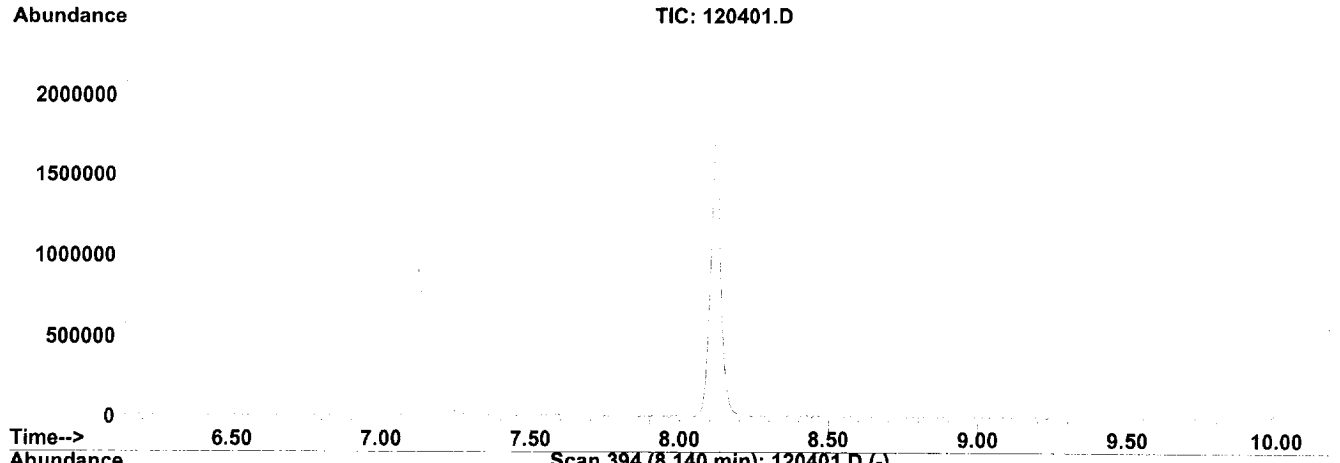
	Spike Sample	Spike Duplicate Sample
File ID :	120406.D	120407.D
Sample :	102763-752, MS	102763-752, MSD
Acq Time:	4 Dec 2002 5:11 pm	4 Dec 2002 5:54 pm

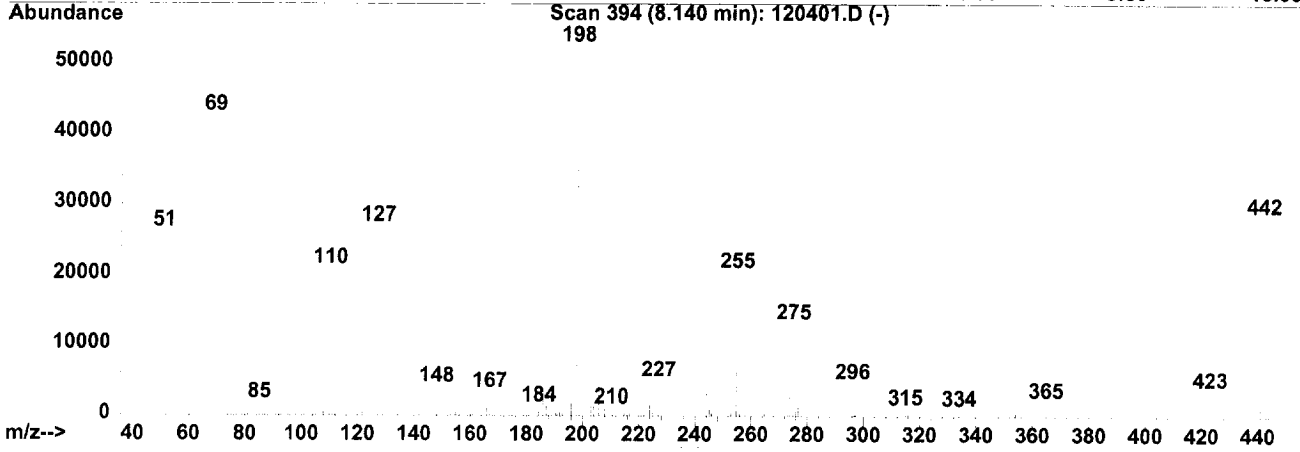
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.1	50	23	25	45	51	11	35	26-125
2-Chlorophenol	0.0	50	24	25	47	51	7	50	25-125
1,4-Dichlorobenzene	0.0	50	23	25	45	50	10	27	28-104
n-Nitroso-di-n-propy	0.1	50	21	20	42	40#	3	38	41-126
1,2,4-Trichlorobenze	0.0	50	23	24	46	49	5	23	38-107
4-Chloro-3-methylphe	0.0	50	31	30	62	59	4	33	26-103
Acenaphthene	0.0	50	29	30	57	60	6	19	31-137
4-Nitrophenol	0.0	50	47	46	94	92	2	50	11-114
2,4-Dinitrotoluene	0.1	50	42	42	83	85	2	47	28- 89
Pentachlorophenol	0.0	50	36	38	72	75	4	47	17-109
Pyrene	0.0	50	41	45	82	89	8	36	35-142

- Fails Limit Check

120202.M Thu Dec 05 09:13:27 2002

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120401.D Vial: 1
Acq On : 4 Dec 2002 1:54 pm Operator: dp
Sample : 50 ng of DFTPP Tune Inst : GC/MS Ins
Misc : W# 02120206, Lot # B1100352-1A Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270





Spectrum Information: Scan 394

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.2	25916	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	80.1	42234	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	50.5	26634	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	52706	PASS
199	198	5	9	7.0	3668	PASS
275	198	10	30	24.5	12894	PASS
365	198	1	100	3.4	1788	PASS
441	443	0.01	100	82.5	4016	PASS
442	198	40	100	53.4	28150	PASS
443	442	17	23	17.3	4865	PASS

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120403.D Vial: 7
Acq On : 4 Dec 2002 3:01 pm Operator: dp
Sample : MB 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

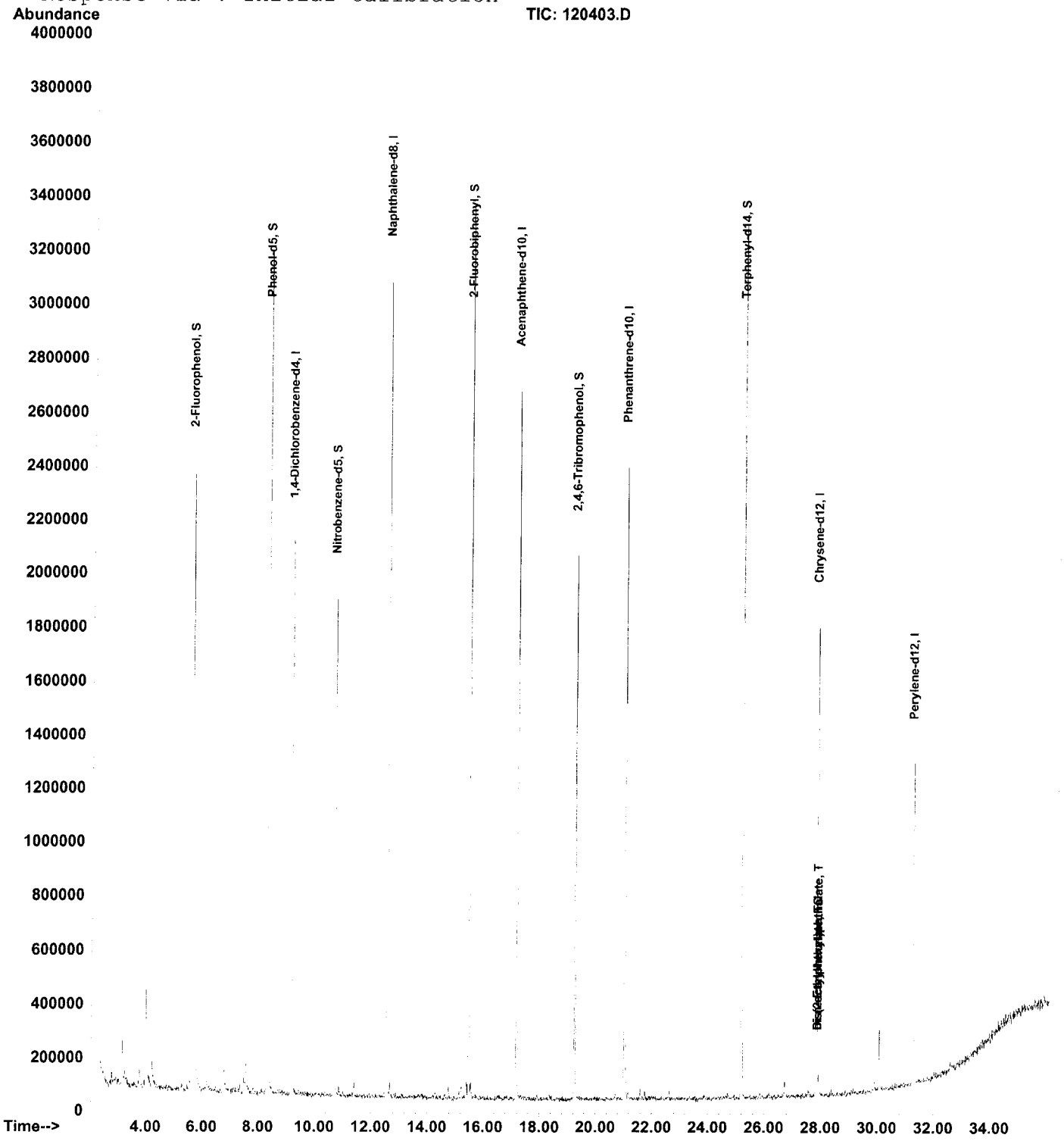
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1366444	40.00	ug/L	0.00
19) Naphthalene-d8	12.57	136	2820194	40.00	ug/L	0.00
34) Acenaphthene-d10	17.19	164	1343502	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1798280	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1294495	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	848543	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	2193495	69.19	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 69.19%			
4) Phenol-d5	8.31	99	2919010	72.56	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 72.56%			
20) Nitrobenzene-d5	10.70	82	1328106	38.01	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 76.02%			
38) 2-Fluorobiphenyl	15.48	172	1941003	41.25	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 82.50%			
54) 2,4,6-Tribromophenol	19.26	330	338958	64.81	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 64.81%			
68) Terphenyl-d14	25.20	244	2177536	57.74	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 115.48%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.93	149	30586	0.59	ug/L #	89
75) Di-n-octylphthalate	27.93	149	30586	0.61	ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120403.D Vial: 7
Acq On : 4 Dec 2002 3:01 pm Operator: dp
Sample : MB 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000193

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120404.D Vial: 8
Acq On : 4 Dec 2002 3:44 pm Operator: dp
Sample : LCS 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1439734	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	2920252	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1461753	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1978129	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1546353	40.00	ug/L	0.00
74) Perylene-d12	31.30	264	965573	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1871714	56.04	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 56.04%			
4) Phenol-d5	8.31	99	2597039	61.27	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 61.27%			
20) Nitrobenzene-d5	10.70	82	1188811	32.86	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 65.72%			
38) 2-Fluorobiphenyl	15.48	172	1960462	38.29	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 76.58%			
54) 2,4,6-Tribromophenol	19.26	330	439613	77.26	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 77.26%			
68) Terphenyl-d14	25.21	244	2285876	50.74	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 101.48%			
Target Compounds						Qvalue
5) Phenol	8.35	94	1318967	27.22	ug/L	95
7) bis(2-Chloroethyl)ether	8.54	93	1088445	30.20	ug/L	92
8) 2-Chlorophenol	8.59	128	970057	28.42	ug/L	94
9) 1,3-Dichlorobenzene	9.00	146	1053953	28.08	ug/L	96
10) 1,4-Dichlorobenzene	9.21	146	1107383	28.12	ug/L	96
12) 1,2-Dichlorobenzene	9.61	146	1004036	27.74	ug/L	98
13) 2-Methylphenol	9.98	108	838175	30.07	ug/L #	93
14) bis(2-Chloroisopropyl)ethe	10.02	45	1874670	28.15	ug/L #	87
15) 4-Methylphenol	10.42	107	1094002	29.02	ug/L	99
16) 3-Methylphenol	10.42	107	1094002	29.02	ug/L	99
17) n-Nitroso-di-n-propylamine	10.36	70	457585	23.85	ug/L	95
18) Hexachloroethane	10.49	117	491098	28.53	ug/L	96
21) Nitrobenzene	10.76	123	532766	29.10	ug/L	94
22) Isophorone	11.41	82	1581877	23.80	ug/L	99
23) 2-Nitrophenol	11.62	139	546628	28.71	ug/L	95
24) 2,4-Dimethylphenol	11.83	122	554724	24.60	ug/L	98
25) bis(2-Chloroethoxy)methane	12.07	93	1118607	27.89	ug/L	99
27) 2,4-Dichlorophenol	12.27	162	741359	29.27	ug/L	97
28) 1,2,4-Trichlorobenzene	12.45	180	742836	28.98	ug/L	97

(#) = qualifier out of range (m) = manual integration

000194

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120404.D Vial: 8
Acq On : 4 Dec 2002 3:44 pm Operator: dp
Sample : LCS 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	12.63	128	2640964	29.24 ug/L	94
30) 4-Chloroaniline	12.87	127	679909	18.62 ug/L	99
31) Hexachlorobutadiene	13.00	225	376735	28.98 ug/L	98
32) 4-Chloro-3-methylphenol	14.22	107	895874	33.34 ug/L	96
33) 2-Methylnaphthalene	14.48	142	1679625	28.51 ug/L	97
35) Hexachloropentadiene	14.90	237	248097	23.05 ug/L	93
36) 2,4,6-Trichlorophenol	15.27	196	434953	30.51 ug/L	97
37) 2,4,5-Trichlorophenol	15.36	196	495407	33.54 ug/L	98
39) 2-Chloronaphthalene	15.74	162	1581398	32.54 ug/L	98
40) 2-Nitroaniline	16.09	138	688669	33.90 ug/L	94
41) Dimethylphthalate	16.60	163	2152862	38.10 ug/L	99
42) 2,6-Dinitrotoluene	16.76	165	483156	37.03 ug/L	95
43) Acenaphthylene	16.82	152	2425109	29.43 ug/L	99
44) 3-Nitroaniline	16.09	138	688669	33.90 ug/L	94
45) Acenaphthene	17.28	154	1561661	32.87 ug/L	98
46) 2,4-Dinitrophenol	17.45	184	49438	7.49 ug/L #	62
47) 4-Nitrophenol	17.72	109	333492	41.95 ug/L	88
48) 2,4-Dinitrotoluene	17.79	165	649638	38.83 ug/L	92
49) Dibenzofuran	17.73	168	2280126	33.30 ug/L	80
50) Diethylphthalate	18.43	149	2495824	41.78 ug/L	99
51) 4-Chlorophenyl phenyl ethe	18.66	204	793551	35.54 ug/L	98
52) Fluorene	18.62	166	1962126	35.38 ug/L	96
53) 4-Nitroaniline	16.09	138	688669	33.90 ug/L	95
56) 4,6-Dinitro-2-methylphenol	18.82	198	194570	21.10 ug/L	86
58) Azobenzene	19.06	77	2500822	36.35 ug/L	97
59) 4-Bromophenyl phenyl ether	19.92	248	448370	37.92 ug/L	96
60) Hexachlorobenzene	20.04	284	489397	39.10 ug/L	92
61) Pentachlorophenol	20.58	266	174014	21.79 ug/L	92
62) Anthracene	21.24	178	2819460	38.96 ug/L	99
63) Phenanthrene	21.10	178	2839945	39.71 ug/L	99
64) Di-n-butylphthalate	22.65	149	4526909	42.85 ug/L	99
65) Fluoranthene	24.18	202	2778142	40.42 ug/L	100
67) Pyrene	24.75	202	2866910	41.69 ug/L	97
69) Butylbenzylphthalate	26.49	149	2002629	44.01 ug/L	98
71) bis(2-Ethylhexyl)phthalate	27.95	149	2916830	47.05 ug/L	99
72) Benzo(a)anthracene	27.86	228	2492111	40.92 ug/L	99
73) Chrysene	27.95	228	2392462	42.26 ug/L	96
75) Di-n-octylphthalate	27.95	149	2916830	51.16 ug/L	98
76) Benzo(b)fluoranthrene	30.44	252	2191451	41.62 ug/L	99
77) Benzo(k)fluoranthrene	30.51	252	1988827	42.70 ug/L	98
78) Benzo(a)pyrene	31.17	252	1825360	41.52 ug/L	98

(#) = qualifier out of range (m) = manual integration

000195

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120404.D Vial: 8
Acq On : 4 Dec 2002 3:44 pm Operator: dp
Sample : LCS 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

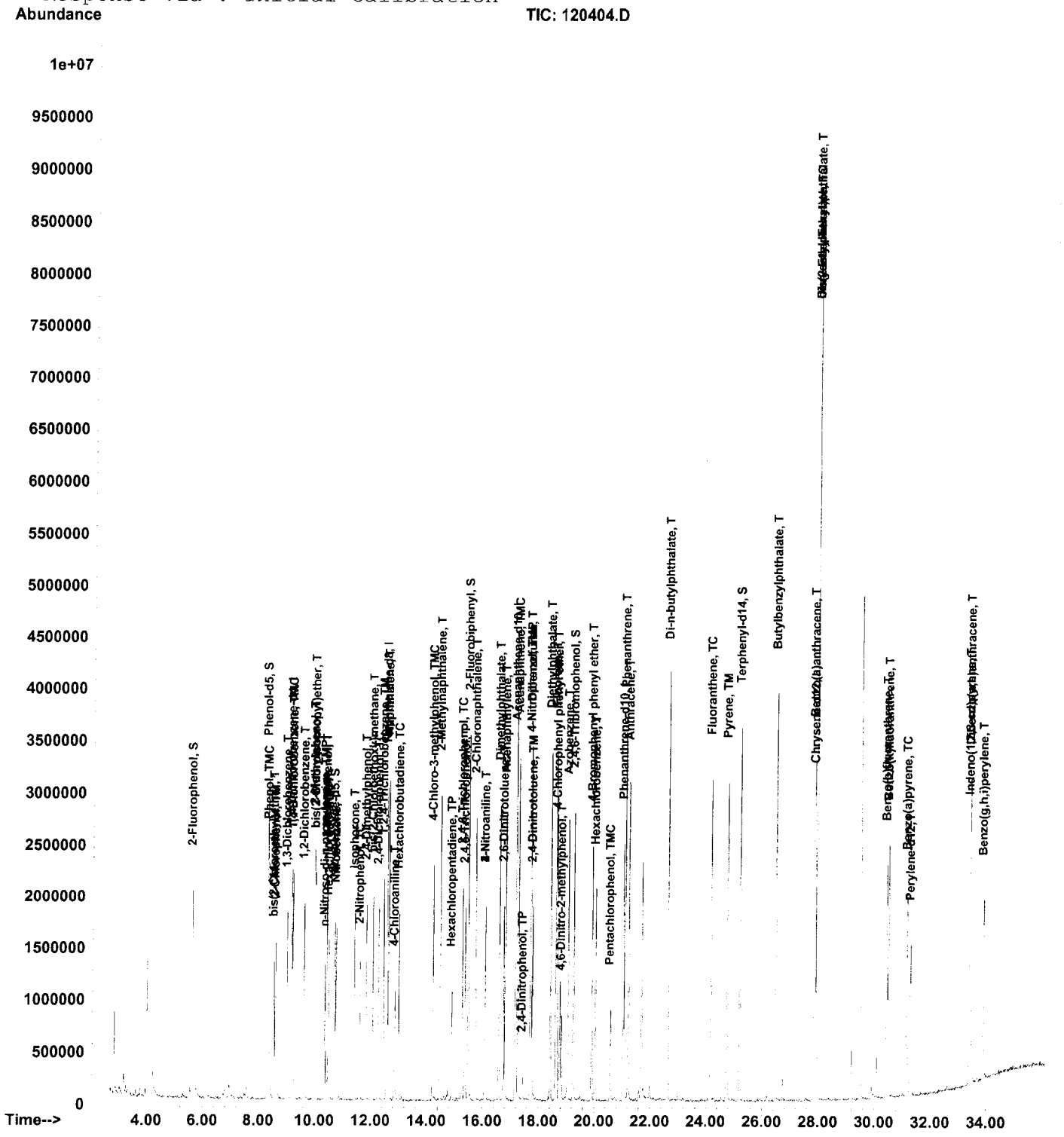
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79) Indeno(1,2,3-cd)pyrene	33.40	276	1946578	39.62 ug/L	97
80) Dibenzo(a,h)anthracene	33.43	278	1650396	42.70 ug/L	97
81) Benzo(g,h,i)perylene	33.90	276	1598985	39.07 ug/L	97

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120404.D Vial: 8
Acq On : 4 Dec 2002 3:44 pm Operator: dp
Sample : LCS 102763 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120405.D Vial: 9
Acq On : 4 Dec 2002 4:28 pm Operator: dp
Sample : 102763-752 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

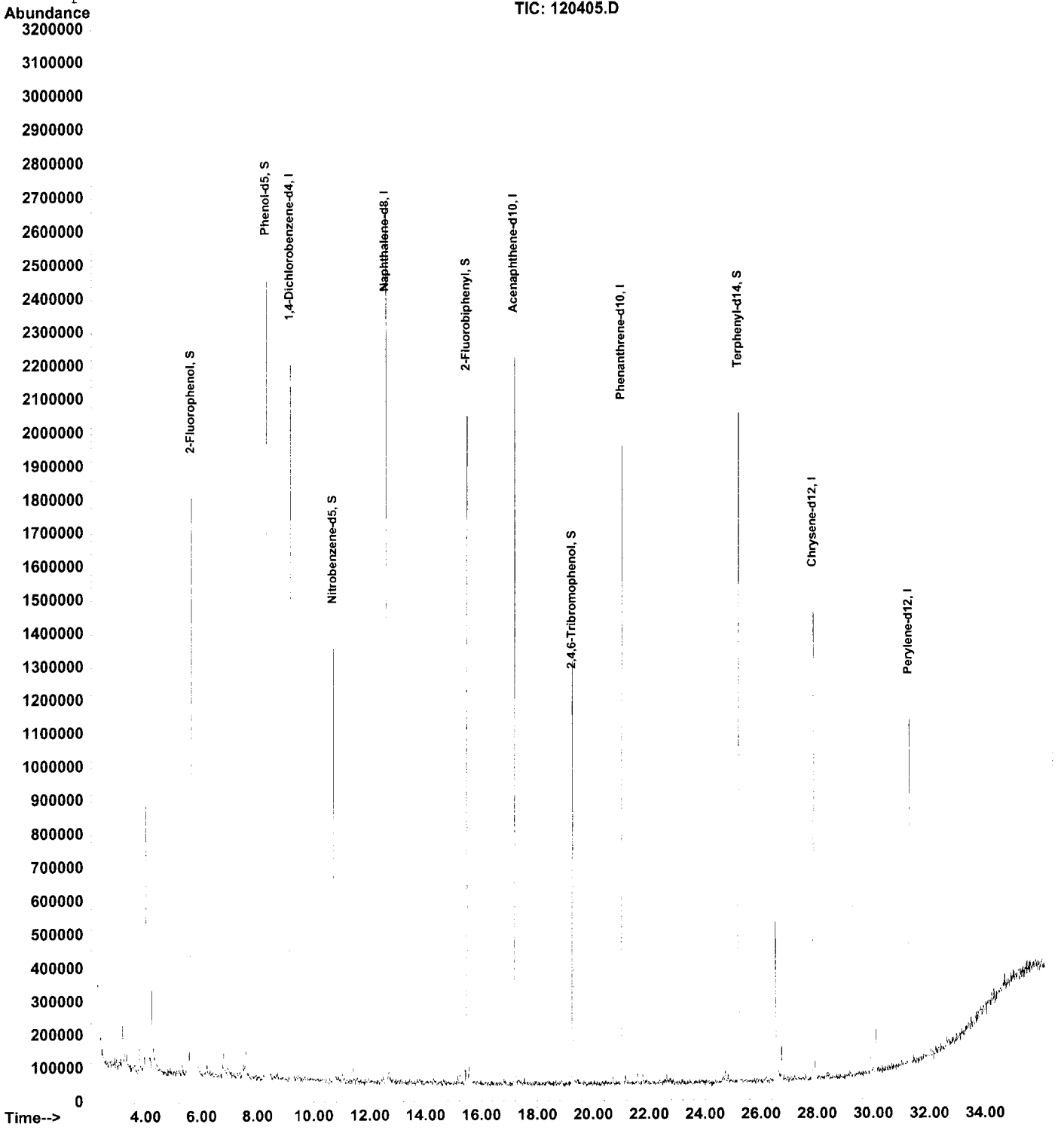
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1272396	40.00	ug/L	0.00
19) Naphthalene-d8	12.57	136	2555672	40.00	ug/L	0.00
34) Acenaphthene-d10	17.19	164	1083498	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1409988	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1053093	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	732007	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1663908	56.37	ug/L	0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 56.37%			
4) Phenol-d5	8.31	99	2084329	55.64	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 55.64%			
20) Nitrobenzene-d5	10.70	82	859350	27.14	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 54.28%			
38) 2-Fluorobiphenyl	15.48	172	1190439	31.37	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 62.74%			
54) 2,4,6-Tribromophenol	19.26	330	210205	49.84	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 49.84%			
68) Terphenyl-d14	25.20	244	1341296	43.72	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 87.44%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120405.D Vial: 9
Acq On : 4 Dec 2002 4:28 pm Operator: dp
Sample : 102763-752 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120406.D Vial: 10
Acq On : 4 Dec 2002 5:11 pm Operator: dp
Sample : 102763-752, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1437418	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2973573	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1541100	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	2087829	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1645513	40.00	ug/L	0.00
74) Perylene-d12	31.29	264	1077090	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1627081	48.79	ug/L	0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 48.79%			
4) Phenol-d5	8.31	99	2214647	52.33	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 52.33%			
20) Nitrobenzene-d5	10.71	82	974483	26.45	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 52.90%			
38) 2-Fluorobiphenyl	15.48	172	1609183	29.81	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 59.62%			
54) 2,4,6-Tribromophenol	19.27	330	485712	80.96	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 80.96%			
68) Terphenyl-d14	25.20	244	2374065	49.52	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 99.04%			
Target Compounds						Qvalue
5) Phenol	8.35	94	1094111	22.62	ug/L	96
7) bis(2-Chloroethyl)ether	8.55	93	881306	24.49	ug/L	97
8) 2-Chlorophenol	8.60	128	810152	23.77	ug/L	92
9) 1,3-Dichlorobenzene	9.00	146	861443	22.99	ug/L	96
10) 1,4-Dichlorobenzene	9.21	146	894730	22.76	ug/L	96
12) 1,2-Dichlorobenzene	9.62	146	851246	23.56	ug/L	97
13) 2-Methylphenol	9.99	108	711266	25.56	ug/L	96
14) bis(2-Chloroisopropyl)ethe	10.01	45	1537170	23.12	ug/L #	86
15) 4-Methylphenol	10.42	107	954309	25.36	ug/L	98
16) 3-Methylphenol	10.42	107	954309	25.36	ug/L	98
17) n-Nitroso-di-n-propylamine	10.36	70	401496	20.96	ug/L	95
18) Hexachloroethane	10.50	117	389691	22.68	ug/L	97
21) Nitrobenzene	10.76	123	433602	23.26	ug/L	98
22) Isophorone	11.41	82	1364812	20.17	ug/L	98
23) 2-Nitrophenol	11.62	139	449066	23.17	ug/L	97
24) 2,4-Dimethylphenol	11.83	122	484758	21.11	ug/L	96
25) bis(2-Chloroethoxy)methane	12.07	93	918491	22.49	ug/L	100
27) 2,4-Dichlorophenol	12.27	162	627043	24.31	ug/L	97
28) 1,2,4-Trichlorobenzene	12.46	180	605998	23.22	ug/L	95

(#) = qualifier out of range (m) = manual integration
120406.D 120202.M Thu Dec 05 09:27:23 2002

000200

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120406.D Vial: 10
Acq On : 4 Dec 2002 5:11 pm Operator: dp
Sample : 102763-752, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	12.64	128	2275031	24.74 ug/L	99
30) 4-Chloroaniline	12.87	127	640196	17.22 ug/L	99
31) Hexachlorobutadiene	13.00	225	321981	24.33 ug/L	97
32) 4-Chloro-3-methylphenol	14.23	107	843682	30.84 ug/L	96
33) 2-Methylnaphthalene	14.48	142	1390480	23.18 ug/L	94
35) Hexachloropentadiene	14.91	237	193393	17.04 ug/L	94
36) 2,4,6-Trichlorophenol	15.28	196	426044	28.34 ug/L	99
37) 2,4,5-Trichlorophenol	15.37	196	465185	29.88 ug/L	95
39) 2-Chloronaphthalene	15.75	162	1375785	26.85 ug/L	99
40) 2-Nitroaniline	16.09	138	681420	31.81 ug/L	93
41) Dimethylphthalate	16.60	163	2222296	37.31 ug/L	99
42) 2,6-Dinitrotoluene	16.76	165	488999	35.55 ug/L	97
43) Acenaphthylene	16.83	152	2165168	24.92 ug/L	97
44) 3-Nitroaniline	16.09	138	681420	31.81 ug/L	93
45) Acenaphthene	17.28	154	1431093	28.57 ug/L	98
46) 2,4-Dinitrophenol	17.46	184	169229	24.31 ug/L #	78
47) 4-Nitrophenol	17.72	109	394344	47.05 ug/L #	68
48) 2,4-Dinitrotoluene	17.78	165	735788	41.72 ug/L	87
49) Dibenzofuran	17.73	168	2190059	30.33 ug/L	77
50) Diethylphthalate	18.44	149	2685009	42.63 ug/L	98
51) 4-Chlorophenyl phenyl ethe	18.66	204	770329	32.73 ug/L	98
52) Fluorene	18.62	166	1966958	33.64 ug/L	97
53) 4-Nitroaniline	16.09	138	681420	31.81 ug/L	94
56) 4,6-Dinitro-2-methylphenol	18.83	198	407582	41.88 ug/L	90
58) Azobenzene	19.07	77	2628644	36.20 ug/L	96
59) 4-Bromophenyl phenyl ether	19.92	248	451334	36.17 ug/L	97
60) Hexachlorobenzene	20.04	284	481384	36.44 ug/L	89
61) Pentachlorophenol	20.59	266	304949	36.18 ug/L	93
62) Anthracene	21.24	178	2972044	38.91 ug/L	98
63) Phenanthrene	21.10	178	2969146	39.34 ug/L	100
64) Di-n-butylphthalate	22.63	149	4867735	43.66 ug/L	99
65) Fluoranthene	24.18	202	2940531	40.53 ug/L	99
67) Pyrene	24.75	202	3011810	41.15 ug/L	97
69) Butylbenzylphthalate	26.49	149	2173160	44.88 ug/L	99
71) bis(2-Ethylhexyl)phthalate	27.95	149	3069417	46.53 ug/L	99
72) Benzo(a)anthracene	27.85	228	2486814	38.37 ug/L	99
73) Chrysene	27.95	228	2465827	40.93 ug/L	96
75) Di-n-octylphthalate	27.95	149	3069417	48.27 ug/L	98
76) Benzo(b)fluoranthrene	30.45	252	2250069	38.31 ug/L	97
77) Benzo(k)fluoranthrene	30.50	252	2247143	43.25 ug/L	98
78) Benzo(a)pyrene	31.17	252	2040611	41.61 ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120406.D Vial: 10
Acq On : 4 Dec 2002 5:11 pm Operator: dp
Sample : 102763-752, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

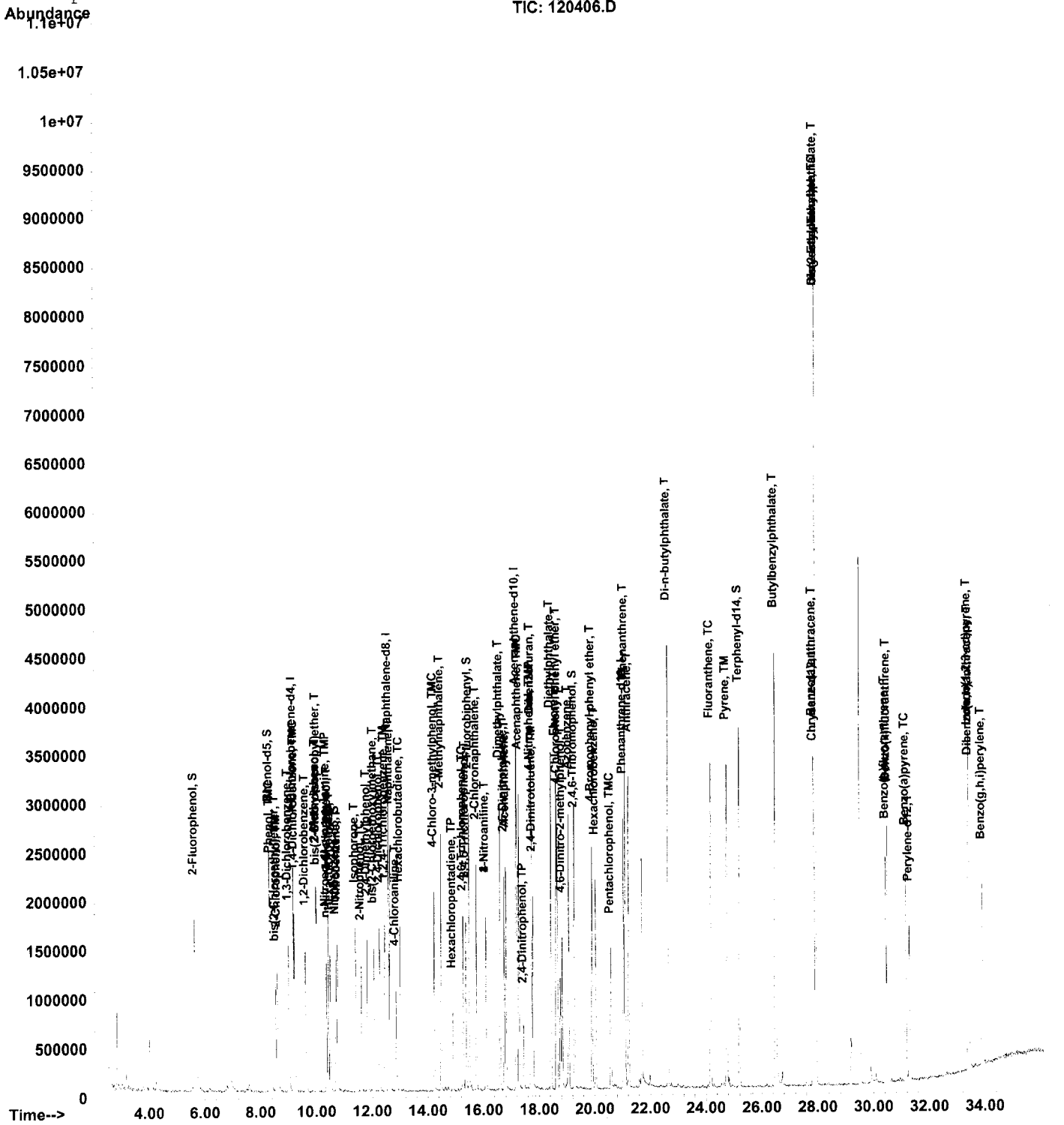
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79)	Indeno(1,2,3-cd)pyrene	33.41	276	2158621	39.39 ug/L	95
80)	Dibenzo(a,h)anthracene	33.44	278	1820250	42.21 ug/L	98
81)	Benzo(g,h,i)perylene	33.91	276	1798983	39.41 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120406.D Vial: 10
Acq On : 4 Dec 2002 5:11 pm Operator: dp
Sample : 102763-752, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000203

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120407.D Vial: 11
Acq On : 4 Dec 2002 5:54 pm Operator: dp
Sample : 102763-752, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1298637	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2582608	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1223857	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1646547	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1263555	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	844923	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1673594	55.55	ug/L	0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 55.55%			
4) Phenol-d5	8.31	99	2180827	57.04	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 57.04%			
20) Nitrobenzene-d5	10.71	82	931032	29.10	ug/L	0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 58.20%			
38) 2-Fluorobiphenyl	15.48	172	1452134	33.88	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 67.76%			
54) 2,4,6-Tribromophenol	19.27	330	399522	83.86	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 83.86%			
68) Terphenyl-d14	25.21	244	1976392	53.69	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 107.38%			
Target Compounds						Qvalue
5) Phenol	8.35	94	1107204	25.33	ug/L	94
7) bis(2-Chloroethyl)ether	8.55	93	847053	26.06	ug/L	98
8) 2-Chlorophenol	8.61	128	782954	25.43	ug/L	92
9) 1,3-Dichlorobenzene	9.00	146	852774	25.19	ug/L	98
10) 1,4-Dichlorobenzene	9.21	146	894972	25.20	ug/L	96
12) 1,2-Dichlorobenzene	9.62	146	823551	25.23	ug/L	95
13) 2-Methylphenol	9.99	108	696343	27.70	ug/L	94
14) bis(2-Chloroisopropyl)ethe	10.02	45	1480689	24.65	ug/L #	86
15) 4-Methylphenol	10.42	107	895278	26.33	ug/L	97
16) 3-Methylphenol	10.42	107	895278	26.33	ug/L	97
17) n-Nitroso-di-n-propylamine	10.36	70	350657	20.26	ug/L	94
18) Hexachloroethane	10.50	117	408365	26.30	ug/L	94
21) Nitrobenzene	10.76	123	421337	26.03	ug/L	95
22) Isophorone	11.41	82	1243701	21.16	ug/L	97
23) 2-Nitrophenol	11.62	139	421928	25.06	ug/L	98
24) 2,4-Dimethylphenol	11.83	122	495149	24.83	ug/L	94
25) bis(2-Chloroethoxy)methane	12.07	93	860251	24.25	ug/L	100
27) 2,4-Dichlorophenol	12.27	162	579326	25.86	ug/L	92
28) 1,2,4-Trichlorobenzene	12.46	180	551976	24.35	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120407.D Vial: 11
Acq On : 4 Dec 2002 5:54 pm Operator: dp
Sample : 102763-752, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	12.64	128	2117304	26.51 ug/L	100
30) 4-Chloroaniline	12.87	127	563693	17.46 ug/L	98
31) Hexachlorobutadiene	13.00	225	296595	25.80 ug/L	98
32) 4-Chloro-3-methylphenol	14.23	107	704007	29.63 ug/L	94
33) 2-Methylnaphthalene	14.48	142	1290285	24.76 ug/L	98
35) Hexachloropentadiene	14.91	237	190166	21.10 ug/L	86
36) 2,4,6-Trichlorophenol	15.28	196	377815	31.65 ug/L	94
37) 2,4,5-Trichlorophenol	15.37	196	418573	33.85 ug/L	99
39) 2-Chloronaphthalene	15.76	162	1248237	30.67 ug/L	99
40) 2-Nitroaniline	16.10	138	564455	33.18 ug/L	95
41) Dimethylphthalate	16.60	163	1874959	39.63 ug/L	99
42) 2,6-Dinitrotoluene	16.76	165	401070	36.72 ug/L	96
43) Acenaphthylene	16.82	152	1879184	27.24 ug/L	97
44) 3-Nitroaniline	16.10	138	564455	33.18 ug/L	95
45) Acenaphthene	17.28	154	1202711	30.23 ug/L	96
46) 2,4-Dinitrophenol	17.46	184	141832	25.65 ug/L #	77
47) 4-Nitrophenol	17.71	109	305464	45.90 ug/L	79
48) 2,4-Dinitrotoluene	17.79	165	595005	42.48 ug/L	84
49) Dibenzofuran	17.73	168	1826760	31.86 ug/L	76
50) Diethylphthalate	18.43	149	2198788	43.96 ug/L	98
51) 4-Chlorophenyl phenyl ethe	18.66	204	646133	34.56 ug/L	96
52) Fluorene	18.62	166	1637450	35.26 ug/L	99
53) 4-Nitroaniline	16.10	138	564455	33.18 ug/L	99
56) 4,6-Dinitro-2-methylphenol	18.83	198	323033	42.09 ug/L	91
58) Azobenzene	19.07	77	2170794	37.91 ug/L	98
59) 4-Bromophenyl phenyl ether	19.92	248	375890	38.20 ug/L	96
60) Hexachlorobenzene	20.04	284	406787	39.04 ug/L	92
61) Pentachlorophenol	20.59	266	250317	37.66 ug/L	89
62) Anthracene	21.24	178	2463278	40.90 ug/L	98
63) Phenanthrene	21.10	178	2490249	41.84 ug/L	98
64) Di-n-butylphthalate	22.63	149	4063339	46.21 ug/L	99
65) Fluoranthene	24.18	202	2438535	42.62 ug/L	100
67) Pyrene	24.75	202	2511076	44.68 ug/L	97
69) Butylbenzylphthalate	26.49	149	1785140	48.01 ug/L	96
71) bis(2-Ethylhexyl)phthalate	27.93	149	2539367	50.13 ug/L	99
72) Benzo(a)anthracene	27.84	228	2197989	44.17 ug/L	98
73) Chrysene	27.95	228	2036391	44.02 ug/L	95
75) Di-n-octylphthalate	27.93	149	2539367	50.90 ug/L	98
76) Benzo(b)fluoranthrene	30.44	252	2011081	43.65 ug/L	98
77) Benzo(k)fluoranthrene	30.49	252	1705150	41.84 ug/L	98
78) Benzo(a)pyrene	31.16	252	1630383	42.38 ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120407.D Vial: 11
Acq On : 4 Dec 2002 5:54 pm Operator: dp
Sample : 102763-752, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79) Indeno(1,2,3-cd)pyrene	33.42	276	1772532	41.23 ug/L	95
80) Dibenzo(a,h)anthracene	33.43	278	1495159	44.20 ug/L	97
81) Benzo(g,h,i)perylene	33.90	276	1479275	41.31 ug/L	98

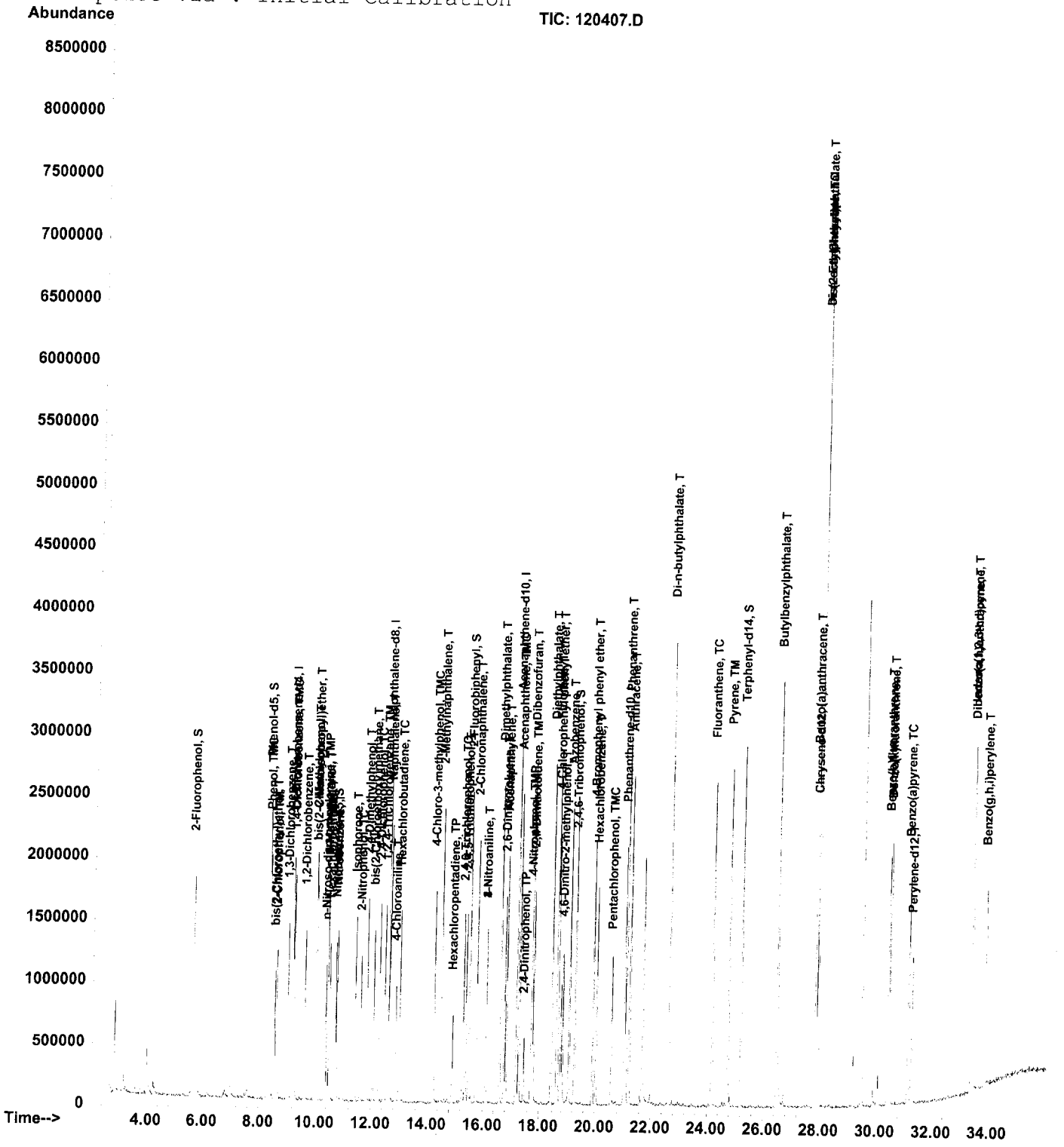
(#) = qualifier out of range (m) = manual integration
120407.D 120202.M Thu Dec 05 09:27:31 2002 Page 3

000206

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120407.D Vial: 11
Acq On : 4 Dec 2002 5:54 pm Operator: dp
Sample : 102763-752, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:27 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000207

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D Vial: 3
Acq On : 5 Dec 2002 12:01 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:32 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1442829	40.00	ug/L		0.00
19) Naphthalene-d8	12.59	136	2804004	40.00	ug/L		0.00
34) Acenaphthene-d10	17.20	164	1390783	40.00	ug/L		0.00
55) Phenanthrene-d10	21.04	188	1837729	40.00	ug/L		0.00
66) Chrysene-d12	27.88	240	1431243	40.00	ug/L		0.00
74) Perylene-d12	31.28	264	934773	40.00	ug/L		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.62	112	1677248	50.11	ug/L		0.00
Spiked Amount 100.000	Range 21 - 110		Recovery = 50.11%				
4) Phenol-d5	8.31	99	2018336	47.51	ug/L		0.00
Spiked Amount 100.000	Range 10 - 110		Recovery = 47.51%				
20) Nitrobenzene-d5	10.70	82	1723034	49.59	ug/L		0.00
Spiked Amount 50.000	Range 34 - 114		Recovery = 99.18%				
38) 2-Fluorobiphenyl	15.48	172	2362942	48.51	ug/L		0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 97.02%				
54) 2,4,6-Tribromophenol	19.26	330	249987	46.17	ug/L		0.00
Spiked Amount 100.000	Range 10 - 123		Recovery = 46.17%				
68) Terphenyl-d14	25.19	244	2009954	48.20	ug/L		0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 96.40%				
Target Compounds							Qvalue
2) Pyridine	2.87	79	1439294	47.58	ug/L		100
5) Phenol	8.35	94	2197806	45.26	ug/L	#	71
6) Aniline	8.32	93	1817364	43.78	ug/L	#	39
7) bis(2-Chloroethyl)ether	8.55	93	1653951	45.80	ug/L		92
8) 2-Chlorophenol	8.59	128	1564675	45.74	ug/L		92
9) 1,3-Dichlorobenzene	9.00	146	1794468	47.71	ug/L		98
10) 1,4-Dichlorobenzene	9.21	146	1825828	46.27	ug/L		95
11) Benzyl alcohol	9.63	108	1013912	36.30	ug/L		95
12) 1,2-Dichlorobenzene	9.61	146	1621448	44.71	ug/L		97
13) 2-Methylphenol	9.98	108	1244496	44.55	ug/L	#	94
14) bis(2-Chloroisopropyl)ethe	10.02	45	2932110	43.94	ug/L	#	87
15) 4-Methylphenol	10.42	107	1645230	43.55	ug/L		99
16) 3-Methylphenol	10.42	107	1645230	43.55	ug/L		99
17) n-Nitroso-di-n-propylamine	10.37	70	644212	33.51	ug/L		92
18) Hexachloroethane	10.50	117	839480	48.67	ug/L		98
21) Nitrobenzene	10.76	123	803016	45.69	ug/L		100
22) Isophorone	11.41	82	3175310	49.76	ug/L		98
23) 2-Nitrophenol	11.62	139	868522	47.51	ug/L		99
24) 2,4-Dimethylphenol	11.83	122	962256	44.44	ug/L		96

(#) = qualifier out of range (m) = manual integration

000208

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D Vial: 3
Acq On : 5 Dec 2002 12:01 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:32 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) bis(2-Chloroethoxy)methane	12.07	93	1853168	48.12 ug/L	98
26) Benzoic acid	12.19	105	873654	45.78 ug/L	94
27) 2,4-Dichlorophenol	12.27	162	1113461	45.78 ug/L	93
28) 1,2,4-Trichlorobenzene	12.46	180	1153899	46.88 ug/L	96
29) Naphthalene	12.64	128	4083060	47.08 ug/L	99
30) 4-Chloroaniline	12.87	127	1475563	42.09 ug/L	96
31) Hexachlorobutadiene	13.00	225	598744	47.97 ug/L	97
32) 4-Chloro-3-methylphenol	14.22	107	1253541	48.59 ug/L	98
33) 2-Methylnaphthalene	14.48	142	2625230	46.41 ug/L	98
35) Hexachloropentadiene	14.90	237	480434	46.91 ug/L	89
36) 2,4,6-Trichlorophenol	15.27	196	650667	47.97 ug/L	98
37) 2,4,5-Trichlorophenol	15.36	196	679830	48.38 ug/L	97
39) 2-Chloronaphthalene	15.76	162	2207695	47.74 ug/L	99
40) 2-Nitroaniline	16.09	138	949317	49.11 ug/L	96
41) Dimethylphthalate	16.60	163	2614211	48.63 ug/L	98
42) 2,6-Dinitrotoluene	16.76	165	637380	51.35 ug/L	93
43) Acenaphthylene	16.82	152	3672840	46.84 ug/L	99
44) 3-Nitroaniline	16.09	138	949317	49.11 ug/L	96
45) Acenaphthene	17.28	154	2095458	46.35 ug/L	95
46) 2,4-Dinitrophenol	17.45	184	323697	51.52 ug/L #	81
47) 4-Nitrophenol	17.71	109	440763	58.28 ug/L	87
48) 2,4-Dinitrotoluene	17.79	165	799578	50.23 ug/L	79
49) Dibenzofuran	17.74	168	3066526	47.06 ug/L	83
50) Diethylphthalate	18.44	149	2884353	50.75 ug/L	98
51) 4-Chlorophenyl phenyl ethe	18.67	204	1033680	48.66 ug/L	98
52) Fluorene	18.62	166	2496002	47.30 ug/L	98
53) 4-Nitroaniline	16.09	138	949317	49.11 ug/L	97
56) 4,6-Dinitro-2-methylphenol	18.83	198	465826	54.38 ug/L	91
57) n-Nitrosodiphenylamine	18.99	169	1625541	48.18 ug/L	97
58) Azobenzene	19.07	77	3234130	50.60 ug/L	98
59) 4-Bromophenyl phenyl ether	19.92	248	527116	47.99 ug/L	95
60) Hexachlorobenzene	20.04	284	539033	46.35 ug/L	83
61) Pentachlorophenol	20.58	266	359576	48.47 ug/L	91
62) Anthracene	21.24	178	3232252	48.08 ug/L	98
63) Phenanthrene	21.10	178	3136178	47.21 ug/L	99
64) Di-n-butylphthalate	22.63	149	4857521	49.50 ug/L	99
65) Fluoranthene	24.17	202	3029709	47.45 ug/L	100
67) Pyrene	24.75	202	3076319	48.33 ug/L	96
69) Butylbenzylphthalate	26.48	149	2135258	50.70 ug/L	99
70) 3,3'-Dichlorobenzidine	27.84	252	707392	34.85 ug/L	97
71) bis(2-Ethylhexyl)phthalate	27.93	149	2910816	50.73 ug/L	99

(#) = qualifier out of range (m) = manual integration

000209

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D Vial: 3
Acq On : 5 Dec 2002 12:01 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:32 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Benzo(a)anthracene	27.84	228	2706685	48.02 ug/L	99
73) Chrysene	27.95	228	2444951	46.66 ug/L	96
75) Di-n-octylphthalate	27.93	149	2910816	52.74 ug/L	98
76) Benzo(b)fluoranthrene	30.44	252	2391452	46.91 ug/L	98
77) Benzo(k)fluoranthrene	30.49	252	2073386	45.98 ug/L	97
78) Benzo(a)pyrene	31.16	252	1932362	45.40 ug/L	98
79) Indeno(1,2,3-cd)pyrene	33.40	276	2095722	44.06 ug/L	96
80) Dibenzo(a,h)anthracene	33.43	278	1665997	44.52 ug/L	98
81) Benzo(g,h,i)perylene	33.90	276	1701601	42.95 ug/L	97

(#) = qualifier out of range (m) = manual integration

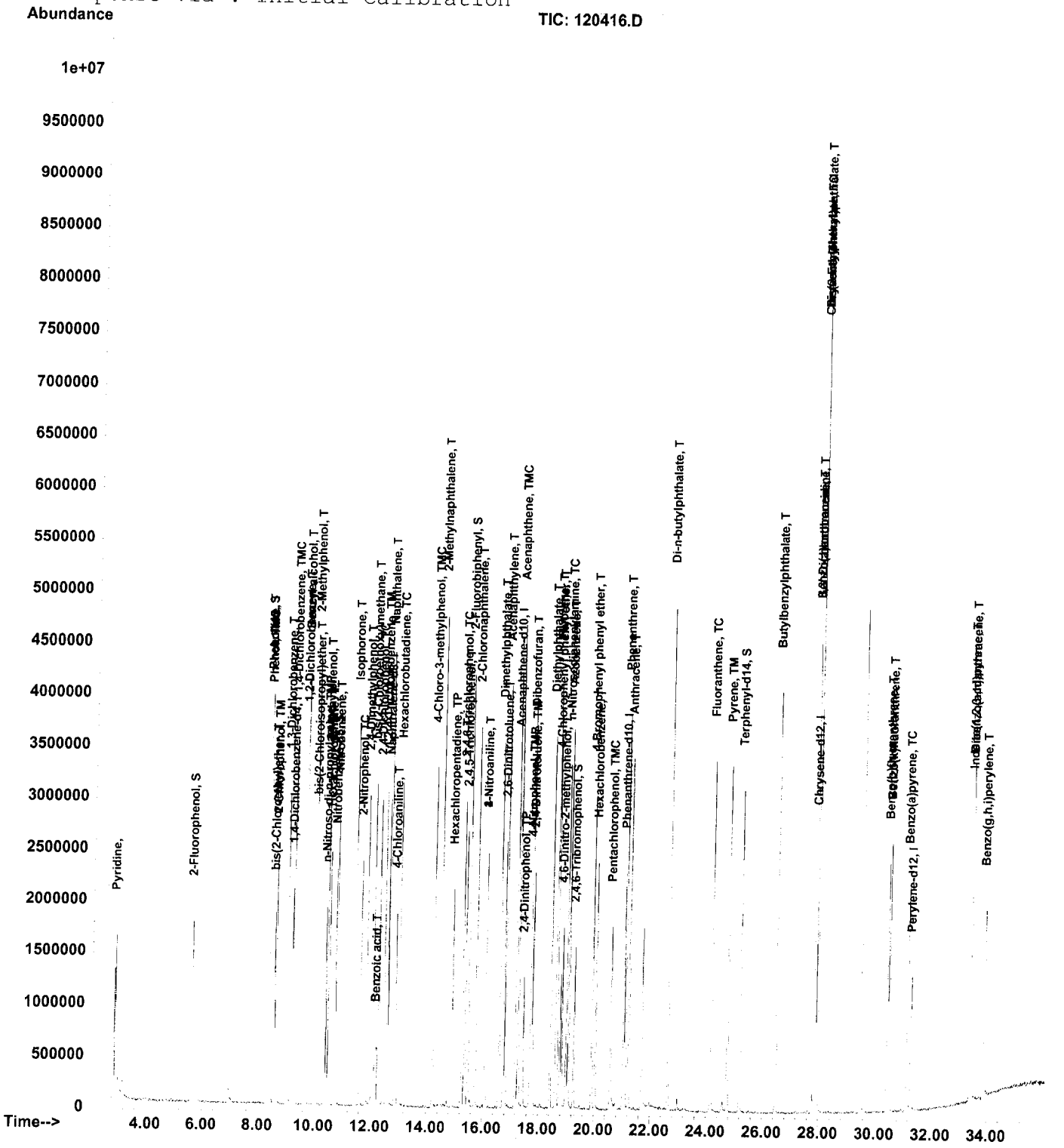
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D
Acq On : 5 Dec 2002 12:01 am
Sample : 50 ppm 8270 ccv
Misc : W# 02120202
MS Integration Params: rteint.p
Quant Time: Dec 5 9:32 19102

Vial: 3
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D Vial: 3
Acq On : 5 Dec 2002 12:01 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	269#	0.00
2		Pyridine	0.839	0.798	4.9	251#	0.00
3	S	2-Fluorophenol	0.928	0.930	-0.2	299#	0.00
4	S	Phenol-d5	1.178	1.119	5.0	285#	0.00
5	TMC	Phenol	1.346	1.219	9.4#	264#	0.00
6	T	Aniline	1.151	1.008	12.4	253#	0.02
7	T	bis(2-Chloroethyl)ether	1.001	0.917	8.4	265#	0.02
8	TM	2-Chlorophenol	0.948	0.868	8.4	263#	0.00
9	T	1,3-Dichlorobenzene	1.043	0.995	4.6	278#	0.00
10	TMC	1,4-Dichlorobenzene	1.094	1.012	7.5#	273#	0.00
11	T	Benzyl alcohol	0.774	0.562	27.4#	211#	0.00
12	T	1,2-Dichlorobenzene	1.006	0.899	10.6	259#	0.00
13	T	2-Methylphenol	0.774	0.690	10.9	260#	0.00
14	T	bis(2-Chloroisopropyl)ether	1.850	1.626	12.1	252#	0.00
15	T	4-Methylphenol	1.047	0.912	12.9	255#	0.00
16	T	3-Methylphenol	1.047	0.912	12.9	255#	0.00
17	TMP	n-Nitroso-di-n-propylamine	0.533	0.357	33.0#	197#	0.00
18	T	Hexachloroethane	0.478	0.465	2.7	274#	0.02
19	I	Naphthalene-d8	1.000	1.000	0.0	253#	0.00
20	S	Nitrobenzene-d5	0.496	0.492	0.8	269#	0.00
21	T	Nitrobenzene	0.251	0.229	8.8	254#	0.00
22	T	Isophorone	0.910	0.906	0.4	268#	0.00
23	TC	2-Nitrophenol	0.261	0.248	5.0#	263#	0.00
24	T	2,4-Dimethylphenol	0.309	0.275	11.0	239#	0.00
25	T	bis(2-Chloroethoxy)methane	0.549	0.529	3.6	245#	0.00
26	T	Benzoic acid	0.272	0.249	8.5	251#	0.00
27	TC	2,4-Dichlorophenol	0.347	0.318	8.4#	247#	0.00
28	TM	1,2,4-Trichlorobenzene	0.351	0.329	6.3	249#	0.00
29	T	Naphthalene	1.237	1.165	5.8	250#	0.00
30	T	4-Chloroaniline	0.500	0.421	15.8	228#	0.00
31	TC	Hexachlorobutadiene	0.178	0.171	3.9#	263#	0.00
32	TMC	4-Chloro-3-methylphenol	0.368	0.358	2.7#	266#	0.00
33	T	2-Methylnaphthalene	0.807	0.749	7.2	252#	0.00
34	I	Acenaphthene-d10	1.000	1.000	0.0	240#	0.00
35	TP	Hexachloropentadiene	0.295	0.276	6.4	237#	0.00
36	TC	2,4,6-Trichlorophenol	0.390	0.374	4.1#	259#	0.00
37	T	2,4,5-Trichlorophenol	0.404	0.391	3.2	255#	0.00
38	S	2-Fluorobiphenyl	1.401	1.359	3.0	249#	0.00
39	T	2-Chloronaphthalene	1.330	1.270	4.5	248#	0.00

(#) = Out of Range

000212

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D Vial: 3
Acq On : 5 Dec 2002 12:01 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	T	2-Nitroaniline	0.556	0.546	1.8	254#	0.00
41	T	Dimethylphthalate	1.546	1.504	2.7	243#	0.00
42	T	2,6-Dinitrotoluene	0.357	0.367	-2.8	268#	0.00
43	T	Acenaphthylene	2.255	2.113	6.3	236#	0.00
44	T	3-Nitroaniline	0.556	0.546	1.8	254#	0.00
45	TMC	Acenaphthene	1.300	1.205	7.3#	235#	0.00
46	TP	2,4-Dinitrophenol	0.181	0.186	-2.8	287#	0.00
47	TMP	4-Nitrophenol	0.218	0.254	-16.5	301#	-0.02
48	TM	2,4-Dinitrotoluene	0.458	0.460	-0.4	254#	0.00
49	T	Dibenzofuran	1.874	1.764	5.9	236#	0.00
50	T	Diethylphthalate	1.635	1.659	-1.5	250#	0.02
51	T	4-Chlorophenyl phenyl ether	0.611	0.595	2.6	251#	0.00
52	T	Fluorene	1.518	1.436	5.4	245#	0.00
53	T	4-Nitroaniline	0.556	0.546	1.8	254#	0.00
54	S	2,4,6-Tribromophenol	0.156	0.144	7.7	232#	0.00
55	I	Phenanthrene-d10	1.000	1.000	0.0	230#	0.00
56	T	4,6-Dinitro-2-methylphenol	0.186	0.203	-9.1	291#	0.00
57	TC	n-Nitrosodiphenylamine	0.734	0.708	3.5#	234#	0.00
58	T	Azobenzene	1.391	1.408	-1.2	243#	0.00
59	T	4-Bromophenyl phenyl ether	0.239	0.229	4.2	235#	0.00
60	T	Hexachlorobenzene	0.253	0.235	7.1	231#	0.00
61	TMC	Pentachlorophenol	0.161	0.157	2.5#	252#	0.00
62	T	Anthracene	1.463	1.407	3.8	241#	0.00
63	T	Phenanthrene	1.446	1.365	5.6	229#	0.00
64	T	Di-n-butylphthalate	2.136	2.115	1.0	241#	0.00
65	TC	Fluoranthene	1.390	1.319	5.1#	235#	0.00
66	I	Chrysene-d12	1.000	1.000	0.0	219#	0.00
67	TM	Pyrene	1.779	1.720	3.3	232#	0.00
68	S	Terphenyl-d14	1.165	1.123	3.6	231#	0.00
69	T	Butylbenzylphthalate	1.177	1.194	-1.4	244#	0.00
70	T	3,3'-Dichlorobenzidine	0.567	0.395	30.3#	174#	0.00
71	T	bis(2-Ethylhexyl)phthalate	1.603	1.627	-1.5	236#	0.00
72	T	Benzo(a)anthracene	1.575	1.513	3.9	228#	0.00
73	T	Chrysene	1.464	1.367	6.6	225#	0.00
74	I	Perylene-d12	1.000	1.000	0.0	215#	0.00
75	TC	Di-n-octylphthalate	2.362	2.491	-5.5#	236#	0.00
76	T	Benzo(b)fluoranthrene	2.181	2.047	6.1	212#	0.00
77	T	Benzo(k)fluoranthrene	1.929	1.774	8.0	208#	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D Vial: 3
Acq On : 5 Dec 2002 12:01 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

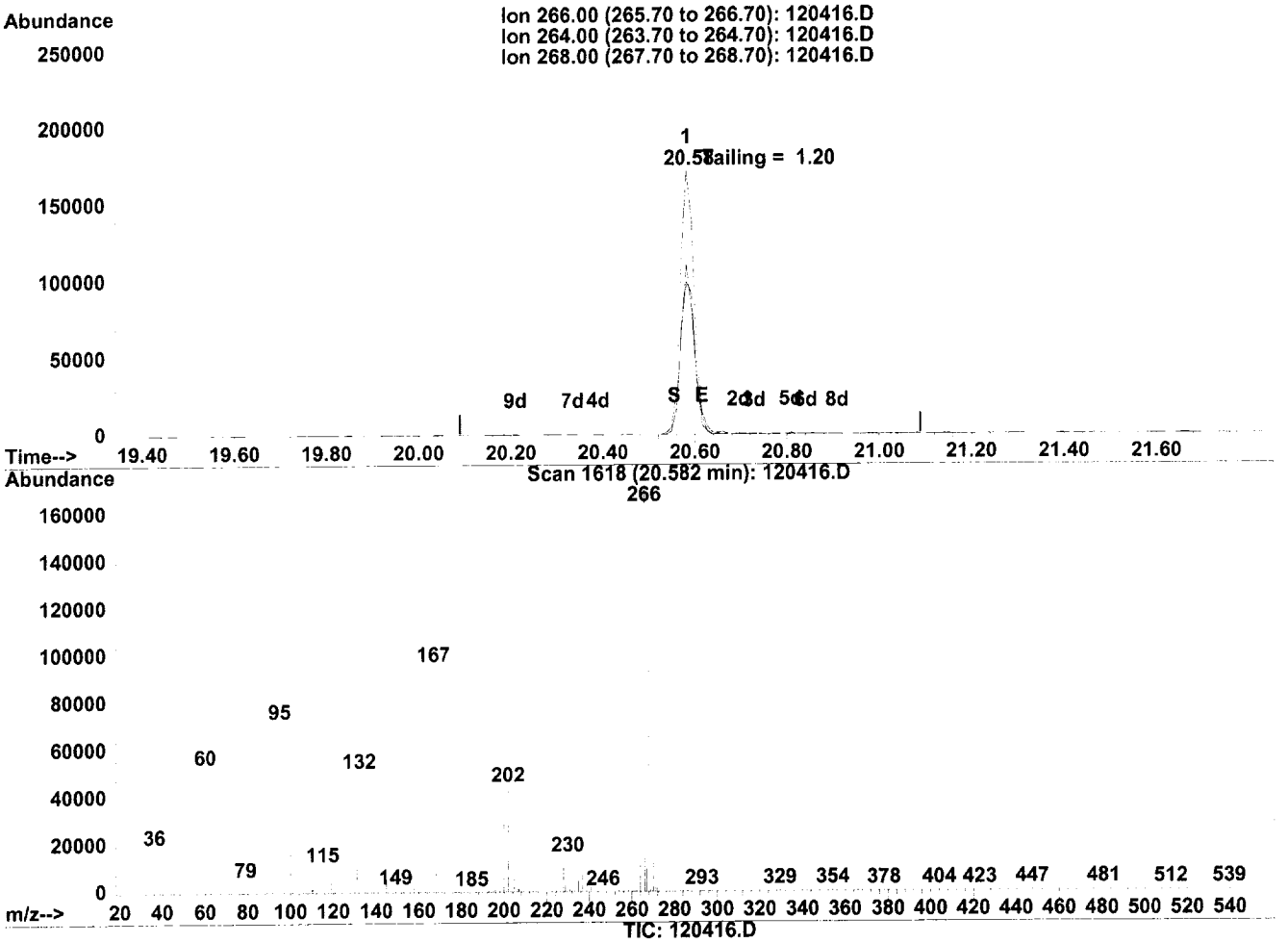
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
78	TC	Benzo(a)pyrene	1.821	1.654	9.2#	206#	0.00
79	T	Indeno(1,2,3-cd)pyrene	2.035	1.794	11.8	207#	0.00
80	T	Dibenzo(a,h)anthracene	1.601	1.426	10.9	207#	0.00
81	T	Benzo(g,h,i)perylene	1.695	1.456	14.1	199#	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 13

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D Vial: 3
Acq On : 5 Dec 2002 12:01 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
Quant Time: Dec 5 9:32 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration



(61) Pentachlorophenol (TMC)

20.58min 48.47ug/L

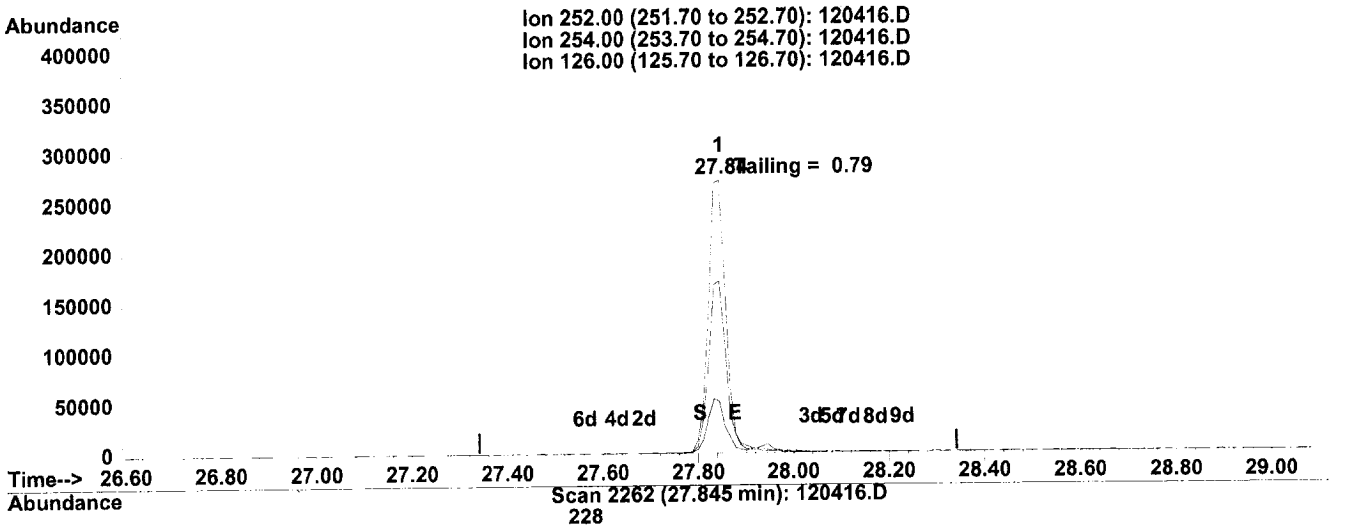
response 359576

Ion	Exp%	Act%
266.00	100	100
264.00	62.70	61.39
268.00	73.40	60.90
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120416.D Vial: 3
Acq On : 5 Dec 2002 12:01 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
Quant Time: Dec 5 9:32 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration



(70) 3,3'-Dichlorobenzidine (T)

27.84min 34.85ug/L

response 707392

Ion	Exp%	Act%
252.00	100	100
254.00	66.20	63.19
126.00	21.30	20.45
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120417.D Vial: 19
Acq On : 5 Dec 2002 12:44 am Operator: dp
Sample : 102766-827 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:34 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

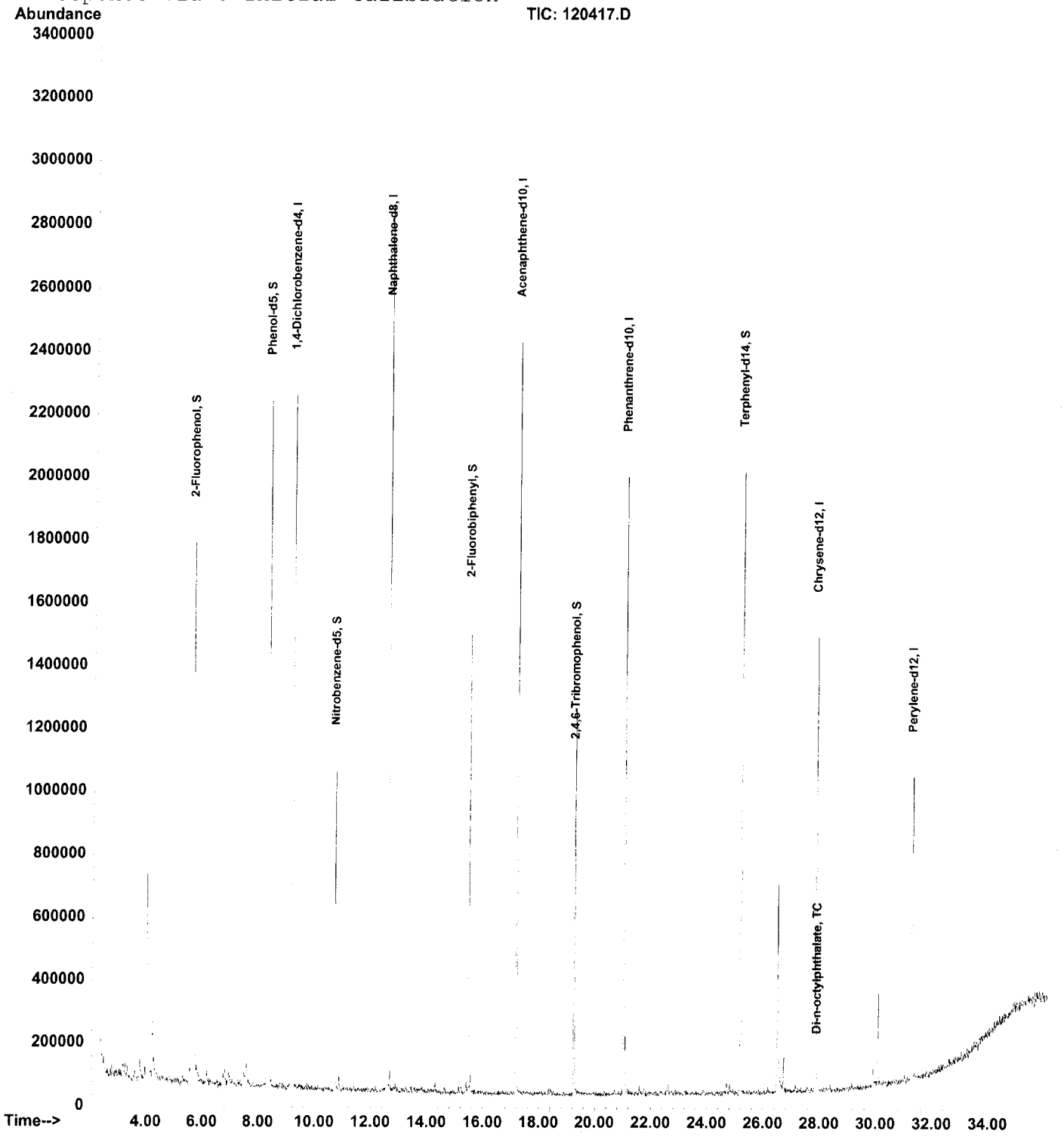
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1326097	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	2565948	40.00	ug/L	0.00
34) Acenaphthene-d10	17.19	164	1122636	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1444793	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1061827	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	592697	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1481487	48.16	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 48.16%			
4) Phenol-d5	8.30	99	1846294	47.29	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 47.29%			
20) Nitrobenzene-d5	10.70	82	719012	22.62	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 45.24%			
38) 2-Fluorobiphenyl	15.49	172	909356	23.13	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.26%			
54) 2,4,6-Tribromophenol	19.26	330	181178	41.46	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 41.46%			
68) Terphenyl-d14	25.20	244	1244031	40.22	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 80.44%			
Target Compounds						Qvalue
75) Di-n-octylphthalate	27.94	149	20593	0.59	ug/L	100

(#) = qualifier out of range (m) = manual integration
120417.D 120202.M Thu Dec 05 09:34:51 2002

000217

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120417.D Vial: 19
Acq On : 5 Dec 2002 12:44 am Operator: dp
Sample : 102766-827 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:34 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000218

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120419.D Vial: 21
Acq On : 5 Dec 2002 2:10 am Operator: dp
Sample : 102766-821 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:34 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1488414	40.00	ug/L	0.00
19) Naphthalene-d8	12.57	136	3030240	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1351676	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1754104	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1230671	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	832521	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1873598	54.26	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 54.26%			
4) Phenol-d5	8.30	99	2442324	55.73	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 55.73%			
20) Nitrobenzene-d5	10.70	82	986005	26.26	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 52.52%			
38) 2-Fluorobiphenyl	15.48	172	1312599	27.72	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 55.44%			
54) 2,4,6-Tribromophenol	19.26	330	286662	54.48	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 54.48%			
68) Terphenyl-d14	25.20	244	1589715	44.34	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 88.68%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
120419.D 120202.M Thu Dec 05 09:34:57 2002

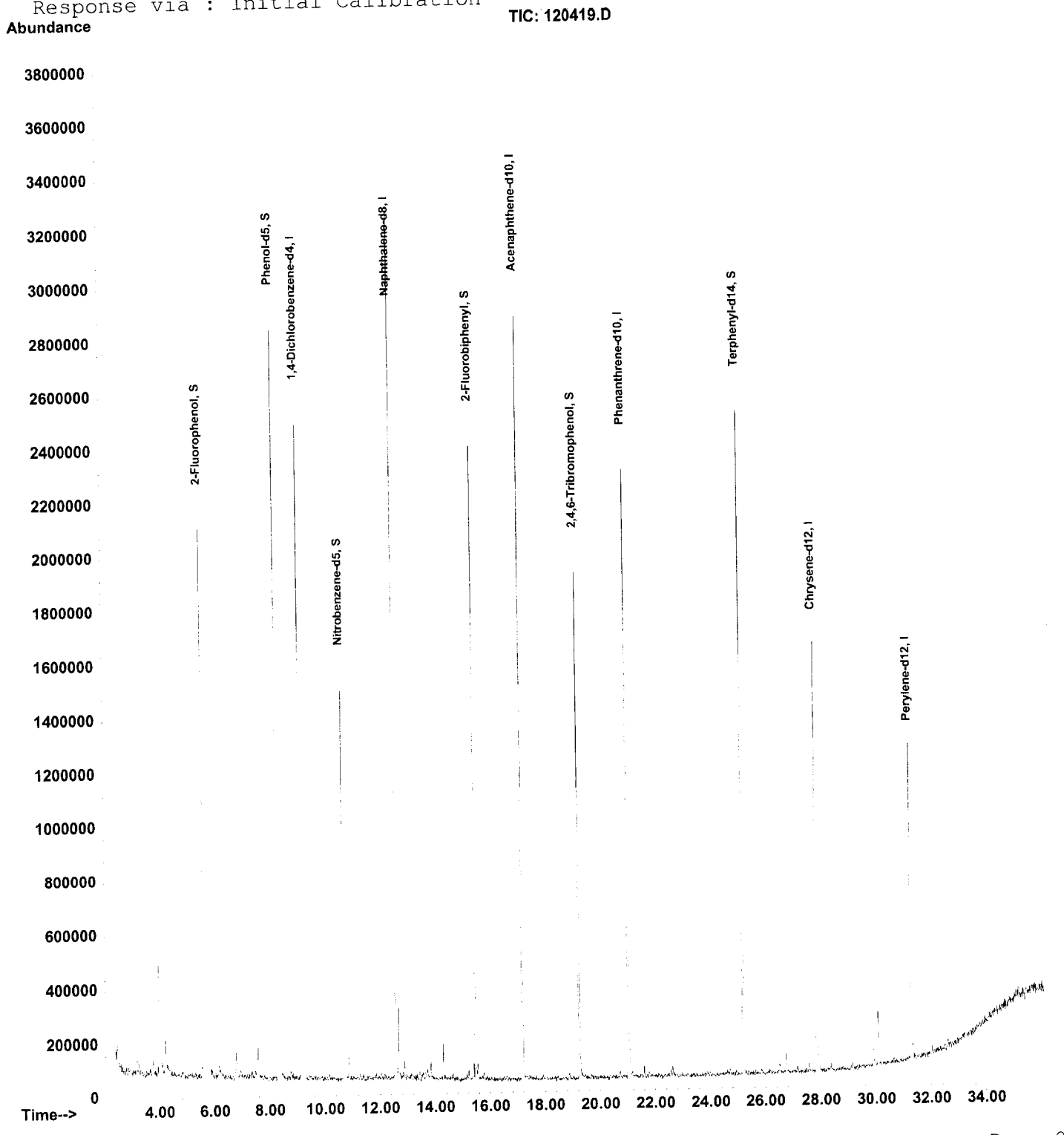
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120419.D
Acq On : 5 Dec 2002 2:10 am
Sample : 102766-821
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Dec 5 9:34 19102

Vial: 21
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000220

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120420.D Vial: 22
Acq On : 5 Dec 2002 2:53 am Operator: dp
Sample : 102766-822 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1271145	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2783159	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1393442	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1878685	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1411278	40.00	ug/L	0.00
74) Perylene-d12	31.30	264	954862	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1569074	53.21	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 53.21%			
4) Phenol-d5	8.31	99	1093480	29.22	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 29.22%			
20) Nitrobenzene-d5	10.70	82	1004283	29.12	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 58.24%			
38) 2-Fluorobiphenyl	15.49	172	1507362	30.88	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 61.76%			
54) 2,4,6-Tribromophenol	19.26	330	327691	60.41	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 60.41%			
68) Terphenyl-d14	25.21	244	2074708	50.46	ug/L	0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 100.92%			

Target Compounds Qvalue

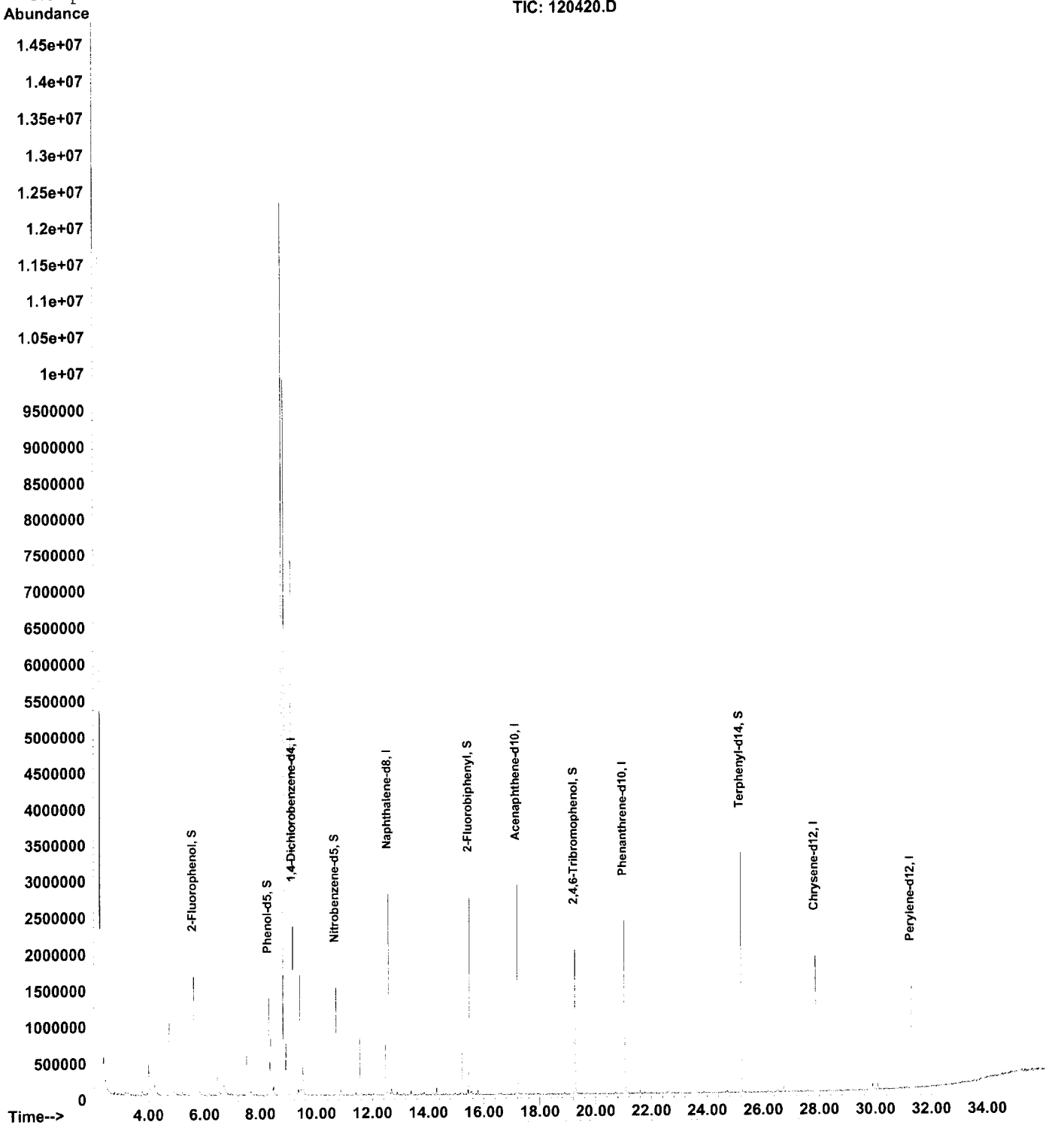
(#) = qualifier out of range (m) = manual integration
120420.D 120202.M Thu Dec 05 09:35:02 2002

000221

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120420.D Vial: 22
Acq On : 5 Dec 2002 2:53 am Operator: dp
Sample : 102766-822 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000222

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120421.D Vial: 23
Acq On : 5 Dec 2002 3:37 am Operator: dp
Sample : 102766-823 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1373847	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	2802963	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1267271	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1671401	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1187072	40.00	ug/L	0.00
74) Perylene-d12	31.30	264	753764	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1611321	50.56	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 50.56%			
4) Phenol-d5	8.30	99	2068169	51.13	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 51.13%			
20) Nitrobenzene-d5	10.70	82	928666	26.74	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 53.48%			
38) 2-Fluorobiphenyl	15.48	172	1321620	29.77	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 59.54%			
54) 2,4,6-Tribromophenol	19.26	330	251065	50.89	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 50.89%			
68) Terphenyl-d14	25.21	244	1885208	54.51	ug/L	0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 109.02%			

Target Compounds Qvalue

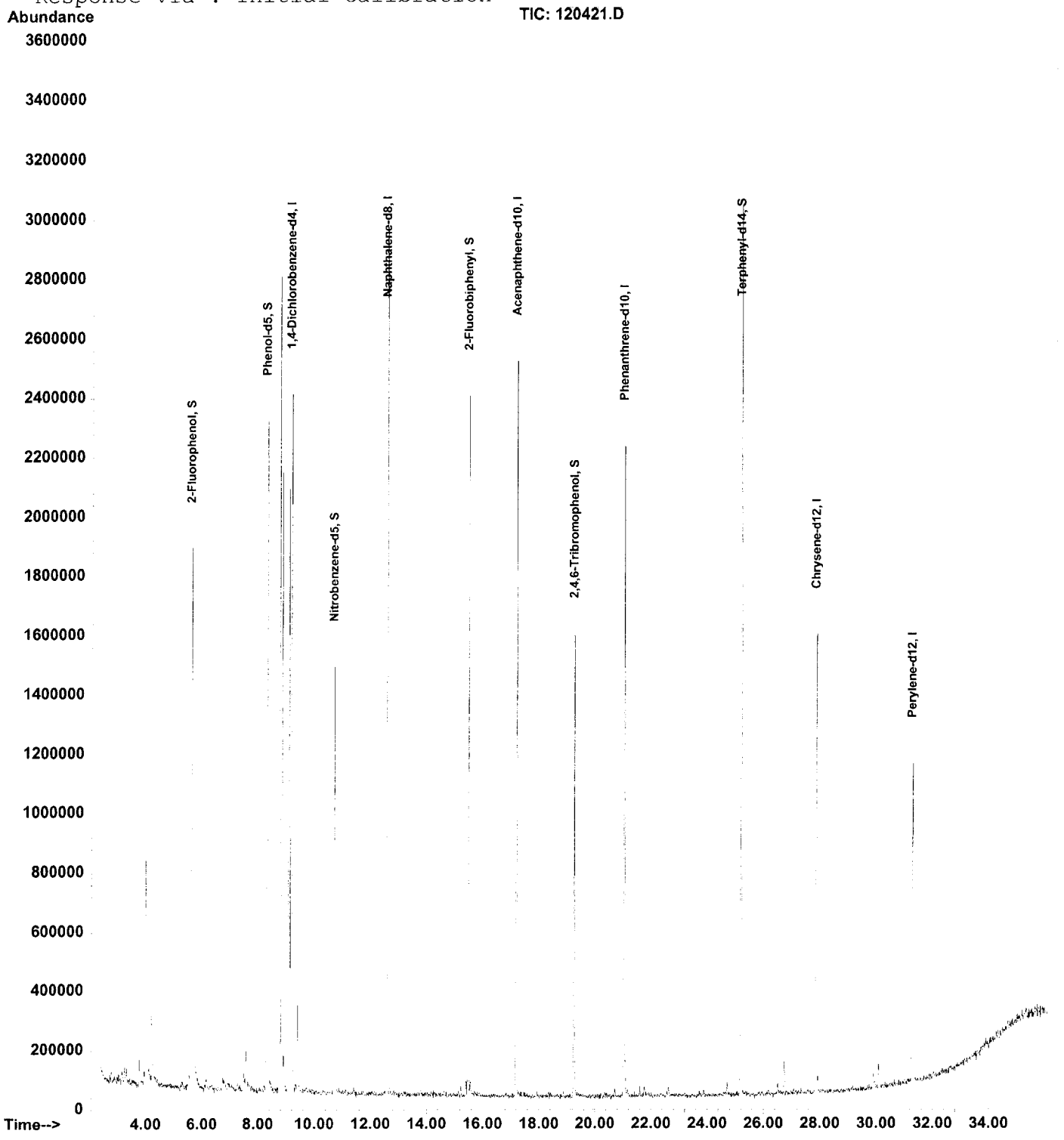
(#) = qualifier out of range (m) = manual integration

000223

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120421.D Vial: 23
Acq On : 5 Dec 2002 3:37 am Operator: dp
Sample : 102766-823 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000224

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120422.D Vial: 24
Acq On : 5 Dec 2002 4:20 am Operator: dp
Sample : 102766-824 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

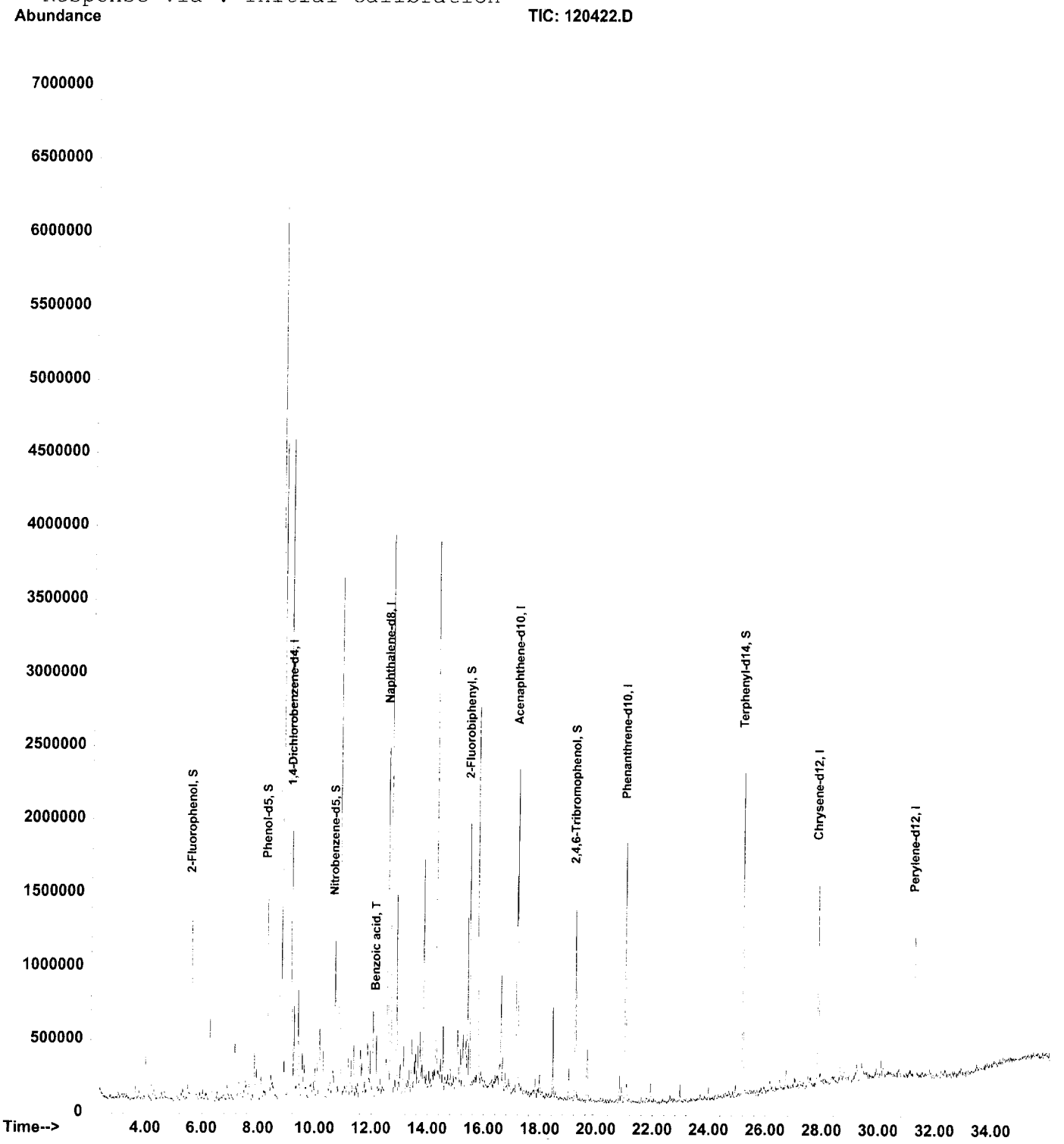
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1007318	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	2207572	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1033090	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1378789	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	976045	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	658765	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1214538	51.97	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 51.97%			
4) Phenol-d5	8.30	99	1490499	50.26	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 50.26%			
20) Nitrobenzene-d5	10.70	82	723965	26.47	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 52.94%			
38) 2-Fluorobiphenyl	15.48	172	996803	27.55	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 55.10%			
54) 2,4,6-Tribromophenol	19.26	330	197536	49.12	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 49.12%			
68) Terphenyl-d14	25.21	244	1424492	50.10	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 100.20%			
Target Compounds						Qvalue
26) Benzoic acid	12.18	105	23020	1.53	ug/L #	35

(#) = qualifier out of range (m) = manual integration
120422.D 120202.M Thu Dec 05 09:35:12 2002

000225

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120422.D Vial: 24
Acq On : 5 Dec 2002 4:20 am Operator: dp
Sample : 102766-824 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000226

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120423.D Vial: 25
Acq On : 5 Dec 2002 5:03 am Operator: dp
Sample : 102766-825 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1388026	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	3082987	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1411424	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1856732	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1220817	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	823763	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1584947	49.22	ug/L	0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 49.22%			
4) Phenol-d5	8.31	99	1231499	30.13	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 30.13%			
20) Nitrobenzene-d5	10.70	82	983570	25.75	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 51.50%			
38) 2-Fluorobiphenyl	15.49	172	1385434	28.02	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 56.04%			
54) 2,4,6-Tribromophenol	19.26	330	248900	45.30	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 45.30%			
68) Terphenyl-d14	25.21	244	1985068	55.81	ug/L	0.02
Spiked Amount 50.000	Range 18 - 137		Recovery = 111.62%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

000227

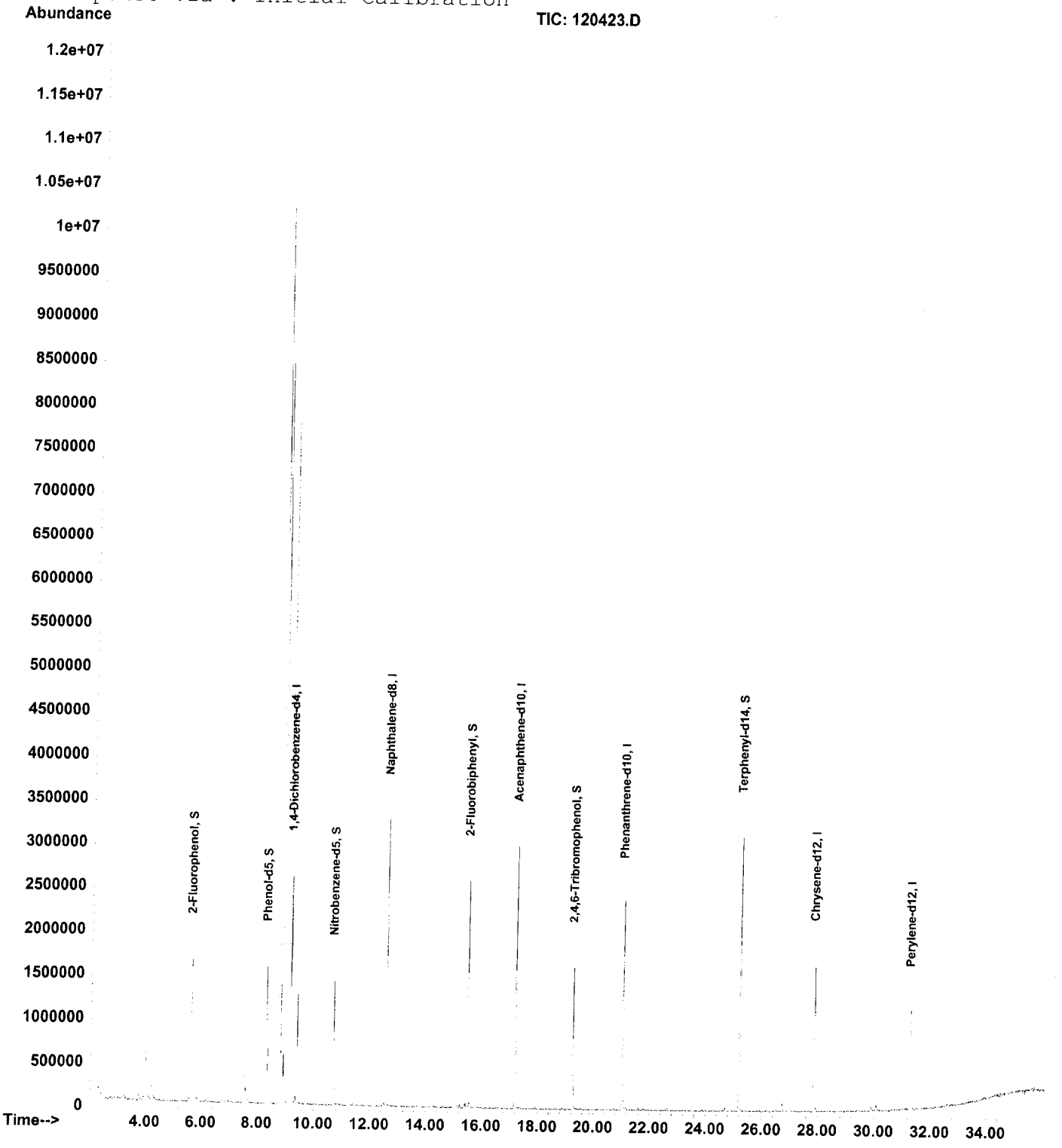
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120423.D
Acq On : 5 Dec 2002 5:03 am
Sample : 102766-825
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102

Vial: 25
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120424.D Vial: 26
Acq On : 5 Dec 2002 5:46 am Operator: dp
Sample : 102766-826 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1220169	40.00	ug/L	0.00
19) Naphthalene-d8	12.57	136	2609192	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1174529	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1543150	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1109851	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	761929	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1534128	54.20	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 54.20%			
4) Phenol-d5	8.30	99	1918461	53.40	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 53.40%			
20) Nitrobenzene-d5	10.70	82	884914	27.37	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 54.74%			
38) 2-Fluorobiphenyl	15.48	172	1275278	31.00	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 62.00%			
54) 2,4,6-Tribromophenol	19.26	330	220709	48.27	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 48.27%			
68) Terphenyl-d14	25.21	244	1711121	52.92	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 105.84%			

Target Compounds Qvalue

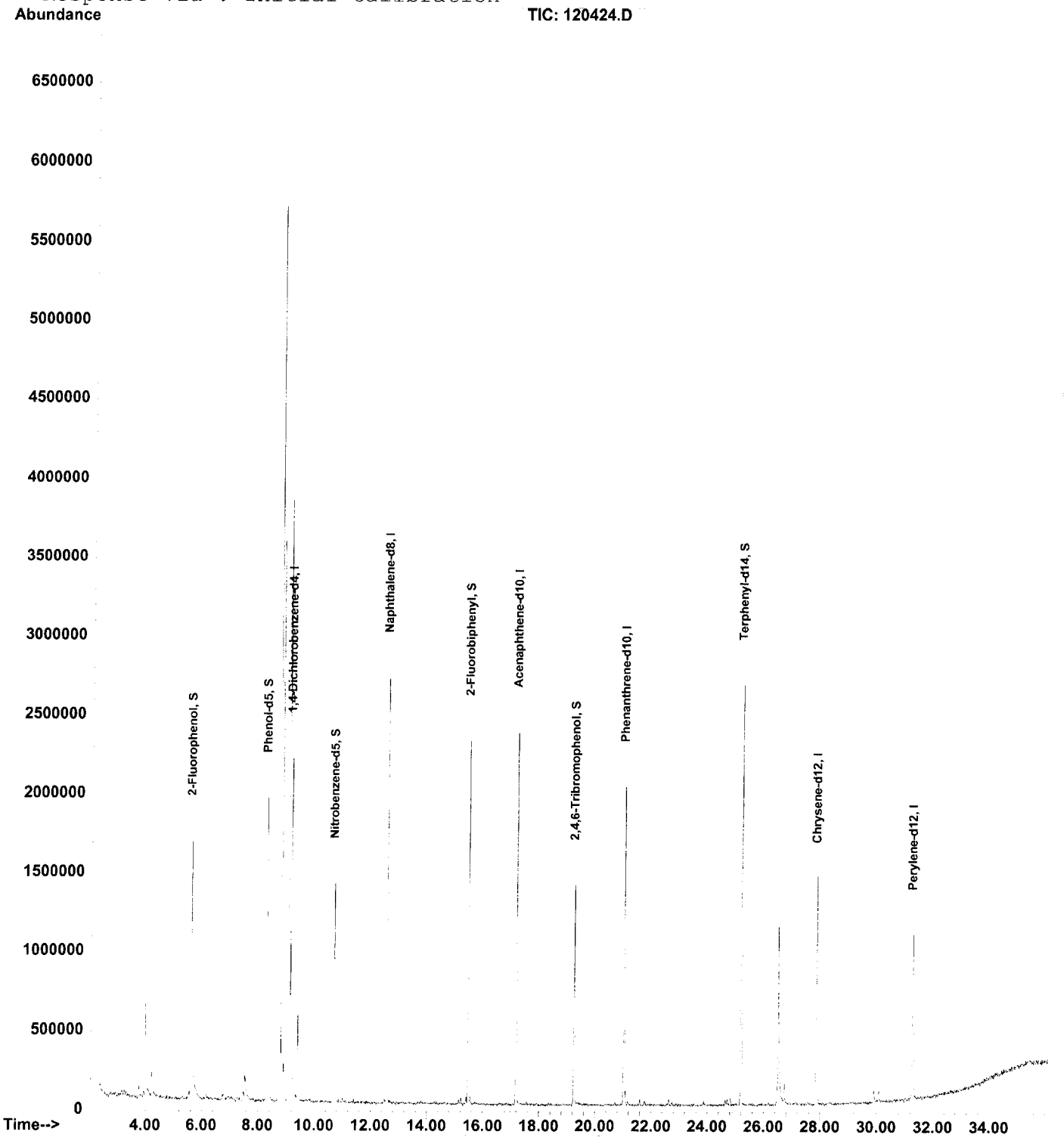
(#) = qualifier out of range (m) = manual integration

000229

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120424.D Vial: 26
Acq On : 5 Dec 2002 5:46 am Operator: dp
Sample : 102766-826 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000230

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120425.D Vial: 27
Acq On : 5 Dec 2002 6:29 am Operator: dp
Sample : 102766-828 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1483152	40.00	ug/L	0.00
19) Naphthalene-d8	12.59	136	3131012	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1430902	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	1889908	40.00	ug/L	0.00
66) Chrysene-d12	27.88	240	1325949	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	915399	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1755557	51.02	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 51.02%			
4) Phenol-d5	8.30	99	2234653	51.17	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 51.17%			
20) Nitrobenzene-d5	10.70	82	941410	24.27	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 48.54%			
38) 2-Fluorobiphenyl	15.48	172	1252598	24.99	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 49.98%			
54) 2,4,6-Tribromophenol	19.26	330	286183	51.38	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 51.38%			
68) Terphenyl-d14	25.21	244	1566402	40.55	ug/L	0.01
Spiked Amount 50.000	Range 18 - 137		Recovery = 81.10%			

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration

000231

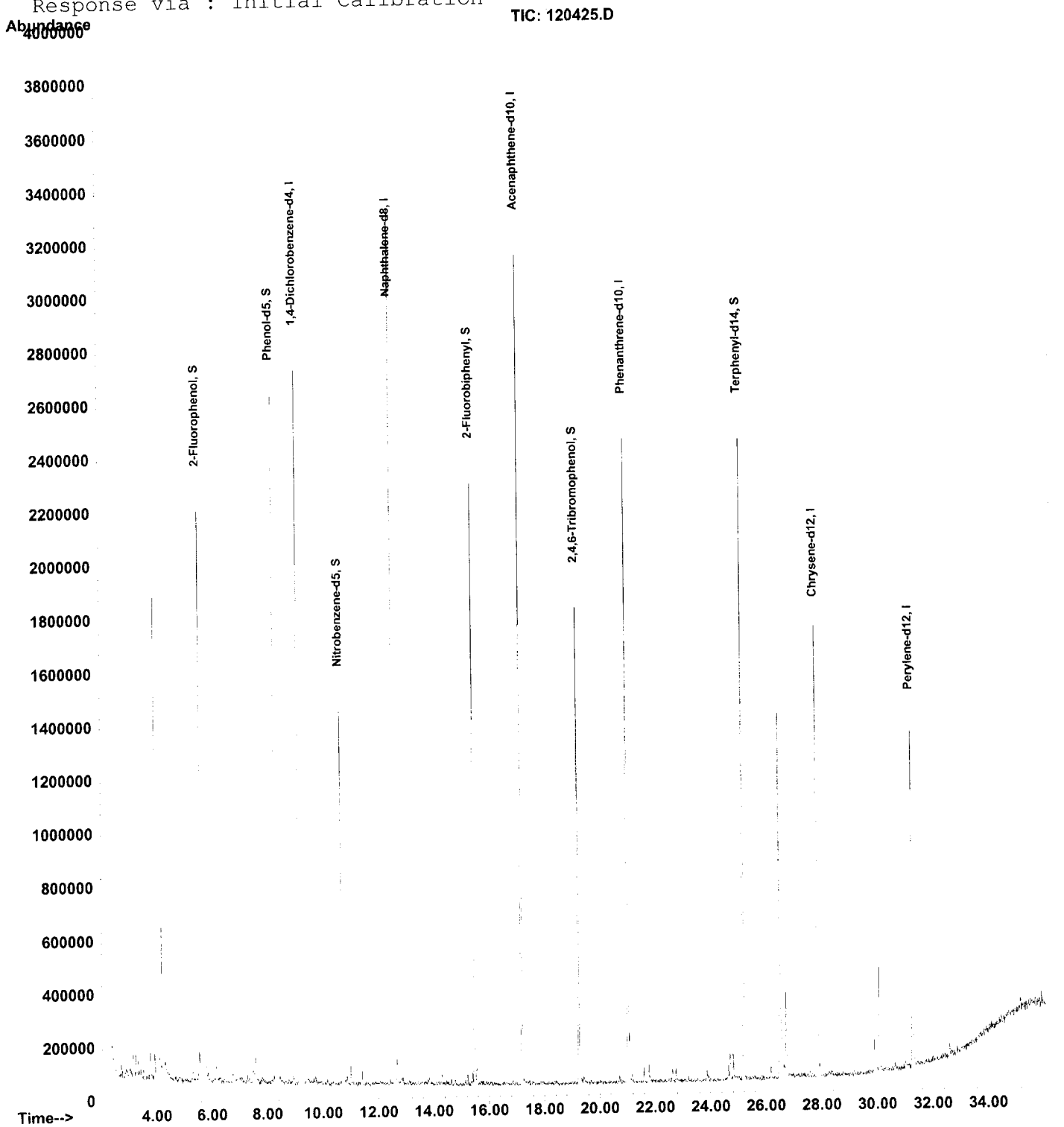
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120425.D
Acq On : 5 Dec 2002 6:29 am
Sample : 102766-828
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102

Vial: 27
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000232

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120426.D Vial: 28
Acq On : 5 Dec 2002 7:13 am Operator: dp
Sample : 102766-829 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1328058	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	2673311	40.00	ug/L	0.00
34) Acenaphthene-d10	17.19	164	1217535	40.00	ug/L	0.00
55) Phenanthrene-d10	21.03	188	1525295	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1056835	40.00	ug/L	0.00
74) Perylene-d12	31.28	264	673131	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	1299437	42.18	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 42.18%			
4) Phenol-d5	8.30	99	1682366	43.03	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 43.03%			
20) Nitrobenzene-d5	10.70	82	731283	22.08	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 44.16%			
38) 2-Fluorobiphenyl	15.49	172	882320	20.69	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 41.38%			
54) 2,4,6-Tribromophenol	19.26	330	196519	41.46	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 41.46%			
68) Terphenyl-d14	25.19	244	1234670	40.10	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 80.20%			

Target Compounds Qvalue

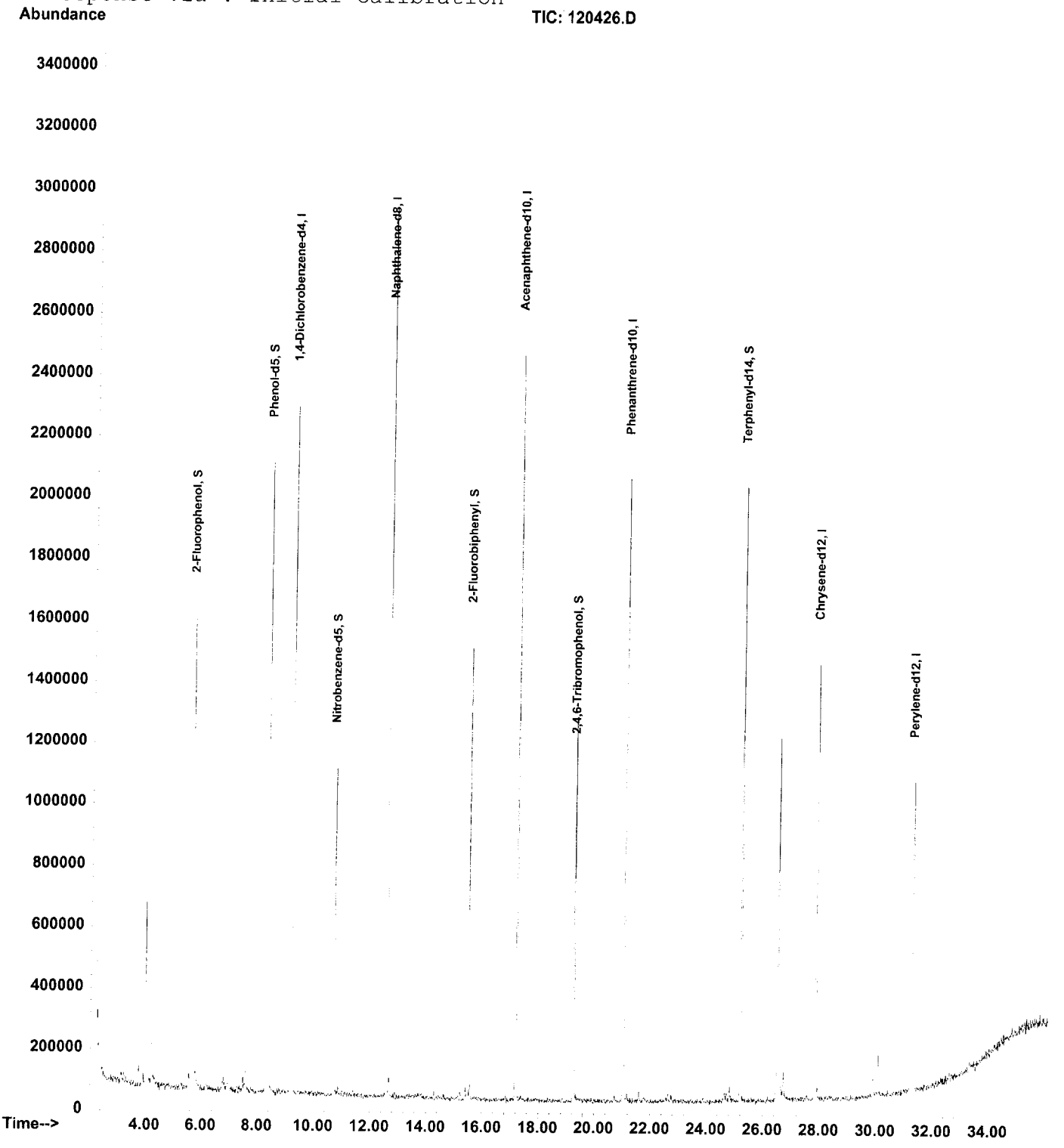
(#) = qualifier out of range (m) = manual integration

000233

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120426.D Vial: 28
Acq On : 5 Dec 2002 7:13 am Operator: dp
Sample : 102766-829 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	150	1555953	40.00	ug/L	0.00
19) Naphthalene-d8	12.58	136	3126452	40.00	ug/L	0.00
34) Acenaphthene-d10	17.20	164	1580643	40.00	ug/L	0.00
55) Phenanthrene-d10	21.04	188	2022748	40.00	ug/L	0.00
66) Chrysene-d12	27.87	240	1459214	40.00	ug/L	0.00
74) Perylene-d12	31.29	264	916713	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.61	112	1718231	47.60	ug/L	0.00
Spiked Amount 100.000	Range 21 - 110		Recovery = 47.60%			
4) Phenol-d5	8.31	99	2191768	47.84	ug/L	0.00
Spiked Amount 100.000	Range 10 - 110		Recovery = 47.84%			
20) Nitrobenzene-d5	10.71	82	1966163	50.76	ug/L	0.01
Spiked Amount 50.000	Range 34 - 114		Recovery = 101.52%			
38) 2-Fluorobiphenyl	15.48	172	2721964	49.16	ug/L	0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 98.32%			
54) 2,4,6-Tribromophenol	19.27	330	259331	42.15	ug/L	0.00
Spiked Amount 100.000	Range 10 - 123		Recovery = 42.15%			
68) Terphenyl-d14	25.20	244	2097062	49.33	ug/L	0.01
Spiked Amount 50.000	Range 33 - 141		Recovery = 98.66%			
Target Compounds						Qvalue
2) Pyridine	2.86	79	1645487	50.44	ug/L	100
5) Phenol	8.34	94	2476477	47.29	ug/L #	72
6) Aniline	8.32	93	2023747	45.21	ug/L #	35
7) bis(2-Chloroethyl)ether	8.55	93	1849093	47.48	ug/L	98
8) 2-Chlorophenol	8.60	128	1694155	45.92	ug/L	93
9) 1,3-Dichlorobenzene	9.00	146	1907658	47.03	ug/L	98
10) 1,4-Dichlorobenzene	9.21	146	1970385	46.30	ug/L	97
11) Benzyl alcohol	9.63	108	1135644	37.70	ug/L	98
12) 1,2-Dichlorobenzene	9.62	146	1833787	46.88	ug/L	97
13) 2-Methylphenol	9.98	108	1369745	45.47	ug/L #	93
14) bis(2-Chloroisopropyl)ethe	10.01	45	3381526	46.99	ug/L #	89
15) 4-Methylphenol	10.42	107	1884882	46.27	ug/L	99
16) 3-Methylphenol	10.42	107	1884882	46.27	ug/L	99
17) n-Nitroso-di-n-propylamine	10.36	70	752620	36.30	ug/L	95
18) Hexachloroethane	10.50	117	909122	48.87	ug/L	96
21) Nitrobenzene	10.77	123	949955	48.47	ug/L	99
22) Isophorone	11.41	82	3568520	50.16	ug/L	97
23) 2-Nitrophenol	11.61	139	976405	47.91	ug/L	97
24) 2,4-Dimethylphenol	11.83	122	1105514	45.79	ug/L	98

(#) = qualifier out of range (m) = manual integration

000235

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) bis(2-Chloroethoxy)methane	12.08	93	2238398	52.12 ug/L	98
26) Benzoic acid	12.21	105	1043523	49.04 ug/L	98
27) 2,4-Dichlorophenol	12.27	162	1253930	46.24 ug/L	96
28) 1,2,4-Trichlorobenzene	12.46	180	1280758	46.67 ug/L	99
29) Naphthalene	12.64	128	4523929	46.78 ug/L	98
30) 4-Chloroaniline	12.88	127	1659398	42.46 ug/L	99
31) Hexachlorobutadiene	13.00	225	714354	51.33 ug/L	98
32) 4-Chloro-3-methylphenol	14.22	107	1402882	48.77 ug/L	94
33) 2-Methylnaphthalene	14.48	142	3021882	47.91 ug/L	97
35) Hexachloropentadiene	14.91	237	553185	47.53 ug/L	91
36) 2,4,6-Trichlorophenol	15.27	196	726733	47.14 ug/L	100
37) 2,4,5-Trichlorophenol	15.36	196	751204	47.04 ug/L	97
39) 2-Chloronaphthalene	15.75	162	2461184	46.83 ug/L	97
40) 2-Nitroaniline	16.10	138	983641	44.77 ug/L	91
41) Dimethylphthalate	16.61	163	3015348	49.35 ug/L	99
42) 2,6-Dinitrotoluene	16.76	165	683315	48.43 ug/L	98
43) Acenaphthylene	16.82	152	4090534	45.90 ug/L	98
44) 3-Nitroaniline	16.10	138	983641	44.77 ug/L	91
45) Acenaphthene	17.29	154	2434721	47.39 ug/L	98
46) 2,4-Dinitrophenol	17.45	184	352365	49.35 ug/L #	77
47) 4-Nitrophenol	17.70	109	485196	56.45 ug/L	90
48) 2,4-Dinitrotoluene	17.79	165	856470	47.34 ug/L	81
49) Dibenzofuran	17.74	168	3496623	47.22 ug/L	84
50) Diethylphthalate	18.44	149	3203815	49.60 ug/L	99
51) 4-Chlorophenyl phenyl ethe	18.66	204	1116259	46.23 ug/L	95
52) Fluorene	18.62	166	2773032	46.24 ug/L	99
53) 4-Nitroaniline	16.10	138	983641	44.77 ug/L	93
56) 4,6-Dinitro-2-methylphenol	18.83	198	498932	52.91 ug/L	84
57) n-Nitrosodiphenylamine	18.99	169	1761021	47.43 ug/L	99
58) Azobenzene	19.07	77	3657771	52.00 ug/L	98
59) 4-Bromophenyl phenyl ether	19.91	248	598375	49.49 ug/L	97
60) Hexachlorobenzene	20.04	284	603377	47.14 ug/L	87
61) Pentachlorophenol	20.58	266	386471	47.33 ug/L	89
62) Anthracene	21.23	178	3455162	46.70 ug/L	98
63) Phenanthrene	21.10	178	3395917	46.44 ug/L	100
64) Di-n-butylphthalate	22.64	149	5490004	50.83 ug/L	99
65) Fluoranthene	24.18	202	3125929	44.48 ug/L	100
67) Pyrene	24.75	202	3249232	50.07 ug/L	97
69) Butylbenzylphthalate	26.49	149	2341598	54.53 ug/L	99
70) 3,3'-Dichlorobenzidine	27.84	252	716503	34.62 ug/L	94
71) bis(2-Ethylhexyl)phthalate	27.94	149	3111099	53.19 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

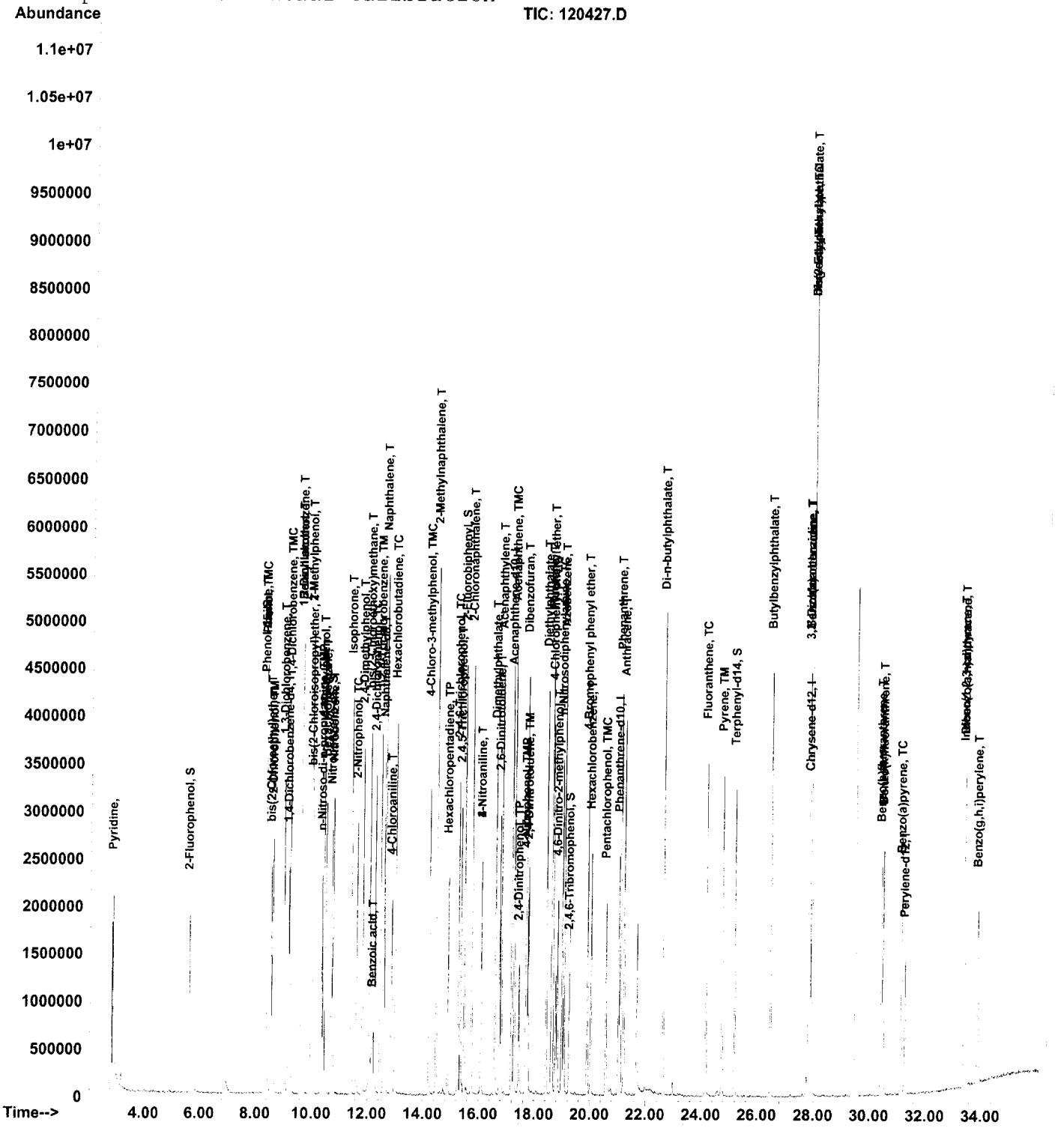
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) Benzo(a)anthracene	27.85	228	2701252	47.01 ug/L	98
73) Chrysene	27.94	228	2554013	47.81 ug/L	96
75) Di-n-octylphthalate	27.94	149	3111099	57.48 ug/L	98
76) Benzo(b)fluoranthrene	30.43	252	2335394	46.71 ug/L	98
77) Benzo(k)fluoranthrene	30.50	252	2154000	48.71 ug/L	99
78) Benzo(a)pyrene	31.17	252	1938850	46.45 ug/L	97
79) Indeno(1,2,3-cd)pyrene	33.41	276	2078996	44.57 ug/L	95
80) Dibenzo(a,h)anthracene	33.42	278	1680344	45.79 ug/L	98
81) Benzo(g,h,i)perylene	33.91	276	1720641	44.29 ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 9:35 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Initial Calibration



000238

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	290#	0.00
2		Pyridine	0.839	0.846	-0.8	287#	0.00
3	S	2-Fluorophenol	0.928	0.883	4.8	307#	0.00
4	S	Phenol-d5	1.178	1.127	4.3	310#	0.00
5	TMC	Phenol	1.346	1.273	5.4#	297#	0.00
6	T	Aniline	1.151	1.041	9.6	282#	0.01
7	T	bis(2-Chloroethyl)ether	1.001	0.951	5.0	296#	0.01
8	TM	2-Chlorophenol	0.948	0.871	8.1	285#	0.00
9	T	1,3-Dichlorobenzene	1.043	0.981	5.9	296#	0.00
10	TMC	1,4-Dichlorobenzene	1.094	1.013	7.4#	295#	0.00
11	T	Benzyl alcohol	0.774	0.584	24.5	237#	0.00
12	T	1,2-Dichlorobenzene	1.006	0.943	6.3	293#	0.01
13	T	2-Methylphenol	0.774	0.704	9.0	286#	0.00
14	T	bis(2-Chloroisopropyl)ether	1.850	1.739	6.0	291#	0.00
15	T	4-Methylphenol	1.047	0.969	7.4	292#	0.00
16	T	3-Methylphenol	1.047	0.969	7.4	292#	0.00
17	TMP	n-Nitroso-di-n-propylamine	0.533	0.387	27.4#	230#	0.00
18	T	Hexachloroethane	0.478	0.467	2.3	297#	0.01
19	I	Naphthalene-d8	1.000	1.000	0.0	282#	0.00
20	S	Nitrobenzene-d5	0.496	0.503	-1.4	307#	0.01
21	T	Nitrobenzene	0.251	0.243	3.2	300#	0.01
22	T	Isophorone	0.910	0.913	-0.3	302#	0.00
23	TC	2-Nitrophenol	0.261	0.250	4.2#	296#	0.00
24	T	2,4-Dimethylphenol	0.309	0.283	8.4	275#	0.00
25	T	bis(2-Chloroethoxy)methane	0.549	0.573	-4.4	296#	0.01
26	T	Benzoic acid	0.272	0.267	1.8	300#	0.01
27	TC	2,4-Dichlorophenol	0.347	0.321	7.5#	278#	0.00
28	TM	1,2,4-Trichlorobenzene	0.351	0.328	6.6	277#	0.00
29	T	Naphthalene	1.237	1.158	6.4	277#	0.00
30	T	4-Chloroaniline	0.500	0.425	15.0	256#	0.00
31	TC	Hexachlorobutadiene	0.178	0.183	-2.8#	313#	0.00
32	TMC	4-Chloro-3-methylphenol	0.368	0.359	2.4#	298#	-0.01
33	T	2-Methylnaphthalene	0.807	0.773	4.2	290#	0.00
34	I	Acenaphthene-d10	1.000	1.000	0.0	273#	0.00
35	TP	Hexachloropentadiene	0.295	0.280	5.1	273#	0.01
36	TC	2,4,6-Trichlorophenol	0.390	0.368	5.6#	289#	-0.01
37	T	2,4,5-Trichlorophenol	0.404	0.380	5.9	281#	-0.01
38	S	2-Fluorobiphenyl	1.401	1.378	1.6	287#	0.00
39	T	2-Chloronaphthalene	1.330	1.246	6.3	276#	0.00

(#) = Out of Range

000239

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	T	2-Nitroaniline	0.556	0.498	10.4	263#	0.00
41	T	Dimethylphthalate	1.546	1.526	1.3	280#	0.01
42	T	2,6-Dinitrotoluene	0.357	0.346	3.1	288#	0.00
43	T	Acenaphthylene	2.255	2.070	8.2	263#	0.00
44	T	3-Nitroaniline	0.556	0.498	10.4	263#	0.00
45	TMC	Acenaphthene	1.300	1.232	5.2#	273#	0.00
46	TP	2,4-Dinitrophenol	0.181	0.178	1.7	312#	0.00
47	TMP	4-Nitrophenol	0.218	0.246	-12.8	332#	-0.02
48	TM	2,4-Dinitrotoluene	0.458	0.433	5.5	272#	0.00
49	T	Dibenzofuran	1.874	1.770	5.5	270#	0.00
50	T	Diethylphthalate	1.635	1.622	0.8	277#	0.01
51	T	4-Chlorophenyl phenyl ether	0.611	0.565	7.5	271#	0.00
52	T	Fluorene	1.518	1.403	7.6	272#	0.00
53	T	4-Nitroaniline	0.556	0.498	10.4	263#	0.00
54	S	2,4,6-Tribromophenol	0.156	0.131	16.0	241#	0.00
55	I	Phenanthrene-d10	1.000	1.000	0.0	253#	0.00
56	T	4,6-Dinitro-2-methylphenol	0.186	0.197	-5.9	312#	0.00
57	TC	n-Nitrosodiphenylamine	0.734	0.696	5.2#	254#	0.00
58	T	Azobenzene	1.391	1.447	-4.0	275#	0.00
59	T	4-Bromophenyl phenyl ether	0.239	0.237	0.8	267#	0.00
60	T	Hexachlorobenzene	0.253	0.239	5.5	258#	-0.01
61	TMC	Pentachlorophenol	0.161	0.153	5.0#	271#	-0.01
62	T	Anthracene	1.463	1.367	6.6	258#	0.00
63	T	Phenanthrene	1.446	1.343	7.1	248#	0.00
64	T	Di-n-butylphthalate	2.136	2.171	-1.6	272#	0.00
65	TC	Fluoranthene	1.390	1.236	11.1#	242#	0.00
66	I	Chrysene-d12	1.000	1.000	0.0	223#	0.00
67	TM	Pyrene	1.779	1.781	-0.1	245#	0.00
68	S	Terphenyl-d14	1.165	1.150	1.3	241#	0.01
69	T	Butylbenzylphthalate	1.177	1.284	-9.1	268#	0.00
70	T	3,3'-Dichlorobenzidine	0.567	0.393	30.7#	176#	0.00
71	T	bis(2-Ethylhexyl)phthalate	1.603	1.706	-6.4	252#	0.01
72	T	Benzo(a)anthracene	1.575	1.481	6.0	228#	0.01
73	T	Chrysene	1.464	1.400	4.4	235#	0.00
74	I	Perylene-d12	1.000	1.000	0.0	211#	0.00
75	TC	Di-n-octylphthalate	2.362	2.715	-14.9#	252#	0.01
76	T	Benzo(b)fluoranthrene	2.181	2.038	6.6	207#	0.00
77	T	Benzo(k)fluoranthrene	1.929	1.880	2.5	216#	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120402\120427.D Vial: 3
Acq On : 5 Dec 2002 7:56 am Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Wed Dec 04 15:08:23 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
78	TC	Benzo(a)pyrene	1.821	1.692	7.1#	207#	0.00
79	T	Indeno(1,2,3-cd)pyrene	2.035	1.814	10.9	205#	0.00
80	T	Dibenzo(a,h)anthracene	1.601	1.466	8.4	209#	-0.01
81	T	Benzo(g,h,i)perylene	1.695	1.502	11.4	201#	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 13

000241

ASSOCIATED LABORATORIES
8270 PREP SHEET

[redacted]

0002442

BATCH ID: 120302 S

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SURR. ADDED	SPIKE ADDED	INITIAL WT / VOL	FINAL VOLUME	DATE EXT.	EXT. BY	COMMENT
BLANK 120302	3550 B	S	1 ml		30 g	1 ml	12/3/02	HE	Foster Wheeler Environmental Corp.
LCS 120302		S	1 ml	1 ml	30 g	1 ml			
102763 - 394752 MS		S	1 ml	1 ml	30 g	1 ml			
394752 MSD		S	1 ml	1 ml	30 g	1 ml			
394752		S	1 ml		30 g	1 ml			
394753		S	1 ml		30 g	1 ml			
394754		S	1 ml		30 g	1 ml			
394755		S	1 ml		30 g	1 ml			
394756		S	1 ml		10 g	1 ml			w/ smell
394757		S	1 ml		30 g	1 ml			
394758		S	1 ml		10 g	1 ml			w/ smell
394759		S	1 ml		30 g	1 ml			
102766 - 394821		S	1 ml		30 g	1 ml		w/ pest	~~(extract after b filter)~~ HE
394822		S	1 ml		30 g	1 ml			
394823		S	1 ml		30 g	1 ml			
394824		S	1 ml		10 g	1 ml			w/ smell
394825		S	1 ml		30 g	1 ml			
394826		S	1 ml		30 g	1 ml			
394827		S	1 ml		30 g	1 ml			new surr
394828		S	1 ml		30 g	1 ml			
394829		S	1 ml		30 g	1 ml			
102943 - 395775		S	1 ml		10 g	1 ml		smell a little	
			HE						

Solvent Manufacturer and Lot # Mallx Fisher # 023421

Florisil Manufacturer & Lot #

Sand Manufacturer & Lot # SPECTRUM PR 1365

Surrogate Lot # W- 2458 / W-2515

Spike Lot # W- 2505

Na2SO4 Manufacturer & Lot # Micro Tech 22325 K

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102992

CHAIN OF CUSTODY RECORD

Date 12-2-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandergrift Rd. 1266
HAFB, NM. 88330

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2011
SAMPLERS: (Signature) [signature] Rod Jones

PROJECT NAME FT-31

Samples Intact Yes / No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled / Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX36	FT-31	12-2-02	0745			X	4		See Attachment B
FT31EX37		12-2-02	0754			X	4		
FT31EX38		12-2-02	0803			X	4		
FT31EX39		12-2-02	0813			X	4		
FT31EX40		12-2-02	0820			X	4		
FT31EX40D		12-2-02	0827			X	4		
FT31EX41		12-2-02	0835			X	4		
FT31EX42		12-2-02	08:45			X	4		
FT31EX43		12-2-02	0853			X	4		
FT31EX44		12-2-02	0900			X	4		
FT31EX45		12-2-02	0900			X	4		

Relinquished by: (Signature) [signature] 12-2-02 1600	Received by: (Signature) Fed-ex	Date/Time
Relinquished by: (Signature) Fed-ex	Received by Laboratory for analysis: (Signature) [signature] Ken HURLEY	Date/Time 12-3-02 11:10

Special Instructions: Fax results to (505) 679-2011
Shipper # 835776727028

I hereby authorize the performance of the above indicated work. [signature]

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 FAX 714/538-1209

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102992
REPORTED 12/09/2002
RECEIVED 12/03/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
396033	FT31EX36
396034	FT31EX37
396035	FT31EX38
396036	FT31EX39
396037	FT31EX40
396038	FT31EX40D
396039	FT31EX41
396040	FT31EX42
396041	FT31EX43
396042	FT31EX44
396043	FT31EX45
396044	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 396033
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX36

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396033
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX36

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396033
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX36

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	124			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	110			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396033
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX36

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP

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Order #: 396033 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX36
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	41			%	17 - 122
2-Fluorobiphenyl (sur)	40			%	30 - 115
2-Fluorophenol (sur)	38			%	25 - 121
Nitrobenzene-d5 (sur)	48			%	23 - 120
Phenol-d5 (sur)	46			%	24 - 113
Terphenyl-d14 (sur)	66			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	95			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396034
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

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Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396034
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/04/02	AM
Propionitrile	ND	1	5	ug/Kg	12/04/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Styrene	ND	1	5	ug/Kg	12/04/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02	AM
Toluene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	121			%	70 - 130	
Dibromofluoromethane (sur)	107			%	70 - 130	
p-Bromofluorobenzene (sur)	111			%	70 - 130	
Toluene-d8 (sur)	101			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396034
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396034
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	40			%	17 - 122
2-Fluorobiphenyl (sur)	38			%	30 - 115
2-Fluorophenol (sur)	33			%	25 - 121
Nitrobenzene-d5 (sur)	45			%	23 - 120
Phenol-d5 (sur)	44			%	24 - 113
Terphenyl-d14 (sur)	60			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	93			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX38

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX38

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/04/02	AM
Acrolein	ND	1	200	ug/Kg	12/04/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02	AM
Benzene	ND	1	5	ug/Kg	12/04/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02	AM
Bromoform	ND	1	5	ug/Kg	12/04/02	AM
Bromomethane	ND	1	5	ug/Kg	12/04/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
Chloroethane	ND	1	5	ug/Kg	12/04/02	AM
Chloroform	ND	1	5	ug/Kg	12/04/02	AM
Chloromethane	ND	1	5	ug/Kg	12/04/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02	AM
Iodomethane	ND	1	5	ug/Kg	12/04/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02	AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Naphthalene	ND	1	5	ug/Kg	12/04/02	AM
o-Xylene	ND	1	5	ug/Kg	12/04/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX38
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	121			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	104			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX38

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX38

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Isophorone	ND	1	333	ug/Kg	12/08/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02	DP
Naphthalene	ND	1	333	ug/Kg	12/08/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02	DP
Phenol	ND	1	333	ug/Kg	12/08/02	DP
Pyrene	ND	1	333	ug/Kg	12/08/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	42			%	17 - 122	
2-Fluorobiphenyl (sur)	48			%	30 - 115	
2-Fluorophenol (sur)	52			%	25 - 121	
Nitrobenzene-d5 (sur)	59			%	23 - 120	
Phenol-d5 (sur)	57			%	24 - 113	
Terphenyl-d14 (sur)	64			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/04/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	98			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	115	%	70 - 130
Dibromofluoromethane (sur)	109	%	70 - 130
p-Bromofluorobenzene (sur)	105	%	70 - 130
Toluene-d8 (sur)	103	%	70 - 130

8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

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Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	40			%	17 - 122
2-Fluorobiphenyl (sur)	45			%	30 - 115
2-Fluorophenol (sur)	45			%	25 - 121
Nitrobenzene-d5 (sur)	52			%	23 - 120
Phenol-d5 (sur)	52			%	24 - 113
Terphenyl-d14 (sur)	60			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	101			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396037
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

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Order #: 396037
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396037 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX40
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/04/02	AM
Propionitrile	ND	1	5	ug/Kg	12/04/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Styrene	ND	1	5	ug/Kg	12/04/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02	AM
Toluene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	122			%	70 - 130	
Dibromofluoromethane (sur)	109			%	70 - 130	
p-Bromofluorobenzene (sur)	107			%	70 - 130	
Toluene-d8 (sur)	102			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396037
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396037
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	56			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	40			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	52			%	24 - 113
Terphenyl-d14 (sur)	76			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	57			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/04/02	AM
Propionitrile	ND	1	5	ug/Kg	12/04/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Styrene	ND	1	5	ug/Kg	12/04/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02	AM
Toluene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130	
Dibromofluoromethane (sur)	106			%	70 - 130	
p-Bromofluorobenzene (sur)	114			%	70 - 130	
Toluene-d8 (sur)	102			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	21			%	17 - 122
2-Fluorobiphenyl (sur)	24			%	30 - 115
2-Fluorophenol (sur)	24			%	25 - 121
Nitrobenzene-d5 (sur)	30			%	23 - 120
Phenol-d5 (sur)	28			%	24 - 113
Terphenyl-d14 (sur)	31			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	85			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	113			%	70 - 130
p-Bromofluorobenzene (sur)	107			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	44			%	17 - 122
2-Fluorobiphenyl (sur)	52			%	30 - 115
2-Fluorophenol (sur)	53			%	25 - 121
Nitrobenzene-d5 (sur)	63			%	23 - 120
Phenol-d5 (sur)	59			%	24 - 113
Terphenyl-d14 (sur)	61			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	97			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/04/02	AM
Acrolein	ND	1	200	ug/Kg	12/04/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02	AM
Benzene	ND	1	5	ug/Kg	12/04/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02	AM
Bromoform	ND	1	5	ug/Kg	12/04/02	AM
Bromomethane	ND	1	5	ug/Kg	12/04/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
Chloroethane	ND	1	5	ug/Kg	12/04/02	AM
Chloroform	ND	1	5	ug/Kg	12/04/02	AM
Chloromethane	ND	1	5	ug/Kg	12/04/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02	AM
Iodomethane	ND	1	5	ug/Kg	12/04/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02	AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Naphthalene	ND	1	5	ug/Kg	12/04/02	AM
o-Xylene	ND	1	5	ug/Kg	12/04/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396040 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX42
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	113			%	70 - 130
p-Bromofluorobenzene (sur)	107			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	31			%	17 - 122
2-Fluorobiphenyl (sur)	34			%	30 - 115
2-Fluorophenol (sur)	33			%	25 - 121
Nitrobenzene-d5 (sur)	42			%	23 - 120
Phenol-d5 (sur)	39			%	24 - 113
Terphenyl-d14 (sur)	53			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	91			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX43

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX43
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX43

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	109			%	70 - 130
Dibromofluoromethane (sur)	104			%	70 - 130
p-Bromofluorobenzene (sur)	112			%	70 - 130
Toluene-d8 (sur)	108			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX43

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX43

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	34			%	17 - 122
2-Fluorobiphenyl (sur)	42			%	30 - 115
2-Fluorophenol (sur)	42			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	52			%	24 - 113
Terphenyl-d14 (sur)	60			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	98			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	65			%	17 - 122
2-Fluorobiphenyl (sur)	71			%	30 - 115
2-Fluorophenol (sur)	65			%	25 - 121
Nitrobenzene-d5 (sur)	83			%	23 - 120
Phenol-d5 (sur)	77			%	24 - 113
Terphenyl-d14 (sur)	83			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	97			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX45

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX45

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX45
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	110			%	70 - 130
Dibromofluoromethane (sur)	104			%	70 - 130
p-Bromofluorobenzene (sur)	112			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX45

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX45

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	58			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	44			%	25 - 121
Nitrobenzene-d5 (sur)	58			%	23 - 120
Phenol-d5 (sur)	54			%	24 - 113
Terphenyl-d14 (sur)	72			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	96			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396044
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396044
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396044 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	116			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	112			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/07/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/07/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/07/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/07/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/07/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/07/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/07/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/07/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/07/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/07/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/07/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/07/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/07/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/07/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/07/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396044
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/07/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/07/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/07/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/07/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/07/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/07/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/07/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/07/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/07/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/07/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/07/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/07/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/07/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/07/02	DP
Anthracene	ND	1	333	ug/Kg	12/07/02	DP
Benzidine	ND	1	333	ug/Kg	12/07/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/07/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/07/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/07/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/07/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/07/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/07/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/07/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/07/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/07/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/07/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/07/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/07/02	DP
Chrysene	ND	1	333	ug/Kg	12/07/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/07/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/07/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/07/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/07/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/07/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/07/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/07/02	DP
Fluorene	ND	1	333	ug/Kg	12/07/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/07/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396044
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/07/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/07/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/07/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/07/02 DP
Isophorone	ND	1	333	ug/Kg	12/07/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/07/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/07/02 DP
Naphthalene	ND	1	333	ug/Kg	12/07/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/07/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/07/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/07/02 DP
Phenol	ND	1	333	ug/Kg	12/07/02 DP
Pyrene	ND	1	333	ug/Kg	12/07/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	42			%	17 - 122
2-Fluorobiphenyl (sur)	59			%	30 - 115
2-Fluorophenol (sur)	53			%	25 - 121
Nitrobenzene-d5 (sur)	68			%	23 - 120
Phenol-d5 (sur)	65			%	24 - 113
Terphenyl-d14 (sur)	77			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	87			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: 102992-036

Matrix: SOLID

Prep. Date: 12/04/02

Analysis Date: 12/4/02-12/5/02

ID#'s in Batch: LR 102992, 102816, 102953

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = ug/Kg

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
TPH	8015M-G	ND	5	3.90	3.80	78	76	3

ND = Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

	PREP BLK Value	Result	True	%Rec	L.Limit	H.Limit
LCS	ND	4.40	5	88	80%	120%
LCSD	ND	4.50	5	90	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-156
QA Sample	101
MS	123
MSD	119
Method Blank	87
LCS	121
LCSD	120

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Prep. Date: 12/04/02

Analysis Date: 12/05/02

ID#'s in Batch: LR 102992

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	**Method**	LCS	ND	469	500	94	80%	120%
DIESEL	8015D	LCSD	ND	480	500	96	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	**55-156**
Method Blank	67
LCS	95
LCSD	90

*** Outside QC Limits**

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 12/04/02 11:43 AM

Applies to: LR 102992

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	58.26	61.82	117	124	6	22	59-172
MTBE	ND	50	46.65	46.22	93	92	1	24	62-137
Benzene	ND	50	49.89	50.14	100	100	0	24	62-137
Trichloroethene	ND	50	55.28	54.39	111	109	2	21	66-142
Toluene	ND	50	54.30	53.68	109	107	1	21	59-139
Chlorobenzene	ND	50	50.16	50.40	100	101	0	21	60-133

QC Sample: LCS # 1 2:19 PM
Analysis Date: 12/04/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	60.03	120	59-172
MTBE	ND	50	44.22	88	62-137
Benzene	ND	50	47.73	95	62-137
Trichloroethene	ND	50	54.21	108	66-142
Toluene	ND	50	55.12	110	59-139
Chlorobenzene	ND	50	51.17	102	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB	LCS	LCSD
1,2-Dichloroethane-d4	98	116	98	92
Dibromofluoromethane	109	107	111	107
Toluene-d8	105	103	101	107
p-Bromofluorobenzene	109	112	101	97

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270 / 625

QC Sample: 102992-035

Matrix: SOLID

Date Analyzed : 12/08/02

Date Extracted : 12/04/02

Applies to: LR 102992

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	ND	50	26	27	52	54	4	35	26-125
2-Chorophenol	ND	50	25	26	50	52	4	50	25-125
1,4-Dichlorobenzene	ND	50	24	24	48	48	0	27	28-104
n-Nitroso-di-propylamine	0.1	50	23	21	46	42	9	38	41-126
1,2,4-Trichlorobenzene	ND	50	23	24	46	48	4	23	38-107
4-Chloro-3-methylphenol	ND	50	29	28	58	56	4	33	26-103
Acenaphthene	ND	50	26	25	52	50	4	19	31-137
4-Nitrophenol	ND	50	45	51	90	102	13	50	11-114
2,4-Dinitrotoluene	ND	50	31	34	62	68	9	47	28-89
Pentachlorophenol *	ND	50	16	26	32	52	48	47	17-109
Pyrene	ND	50	33	38	66	76	14	36	35-142

***Outside QC limits, due to matrix interference**

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	36	72	26-125
2-Chlorophenol	50	33	66	25-125
1,4-Dichlorobenzene	50	30	60	28-104
n-Nitroso-di-n-propylamine	50	26	52	41-126
1,2,4-Trichlorobenzene	50	34	68	38-107
4-Chloro-3-methylphenol	50	46	92	26-103
Acenaphthene	50	40	80	31-137
4-Nitophenol	50	51	102	11-114
2,4-Dinitrotoluene*	50	45	90	28-89
Pentachlorophenol	50	13	26	17-109
Pyrene	50	45	90	35-142

Method Blank = All ND

***Outside QC limits**

Attachment B

EXCAVATION samples

Analytical Method	Parameter
SW-846 Method 5035/8260B	VOCs
SW-846 Method 8270C	SVOCs
EPA Modified Method 8015	TPH (DRO, GRO, ORO)

Cooler Receipt Form

Client: Foster Wheeler Project: f9-37
Date Cooler Received: 12-3-02 Date Cooler Opened: 12-3-02

Was cooler scanned for presence of radioactivity? (Yes) / No
a: Was radioactivity results above 25cpm? Yes / (No)

If cooler had custody seal(s), were they signed and intact? NA / (Yes) / No

Was a shipper's packing slip attached to the cooler? (Yes) / No

Cooler was packed with: Ice X Ice Packs ___ Bubble Wrap X Styrofoam ___
Paper ___ None ___ Other ___

Temperature of cooler: 0.2°c
*Cooler needs to be received @ 4°C with an acceptable range of 2°-6°C

Were all samples sealed in plastic bags? (Yes) / No

Did all samples arrive intact? If no, see below (Yes) / No

Were all samples labeled correctly? (ID, Dates, Times) If no, see below (Yes) / No

Can the tests required be run with provided containers? If no, see below (Yes) / No

Was sufficient volume of sample sent in all containers? (Yes) / No

Were any VOA vials received with headspace? (NA) / Yes / No

Were correct preservatives used? (NA) / Yes / No
*If no, see pH Log for a list of samples and container pH.

Any other important information: ___

Signed: [signature] Date: 12-3-02

Monday, December 09, 2002

Lab Request # 102992

EPA Method 8270C

The LCS was within control limits for all compounds. The accuracy for the MS and MSD was within control limits for all compounds. The precision for the MS and MSD was within control limits for all compounds except for pentachlorophenol which was bias high. The analytical batch was accepted.

ASSOCIATED LABORATORIES

NARRATIVE

Date: December 11, 2002

Narrative for Lab Request LR: 102992

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015M – Total Petroleum Hydrocarbons.
- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
All QC data, including MS/MSD, LCS, Method Blanks, and Surrogate Recoveries, were within control limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8270:** The LCS was slightly outside control limits for 2,4-Dinitrotoluene. The RPD was slightly outside limits for Pentachlorophenol. Also, surrogate recoveries for 2-Fluorobiphenyl and 2-Fluorophenol were slightly outside control limits. Corrective action: No corrective action necessary. All other QC data conformed, including the Method Blank and the remaining LCS. Furthermore, the bulk of MS/MSD and surrogate recoveries conformed. Because all analytical samples were below the detection limit, the integrity of the analytical results should not be affected. Therefore, the analytical batch was accepted.

- **EPA 8015M (TPH), 8015 (CCI) & 8260:** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Associated Laboratories
806 N. Batavia
Orange, CA 92868

Phone: 714-771-6900
Fax: 714-538-1209

LAB REQUEST: 102992

CLIENT: Foster Wheeler Environmental Corp.

TABLE OF CONTENTS

EPA 8015M - Total Petroleum Hydrocarbons ..... 1 - 85

EPA 8015 - Carbon Chain I ..... 86 - 138

EPA 8260 - Volatile Organic Compounds ..... 139 - 193

EPA 8270 - Acid & Base/Neutral Extractables ..... 194 - 245

EPA 8015M:

Total Petroleum Hydrocarbons

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1007.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : mb

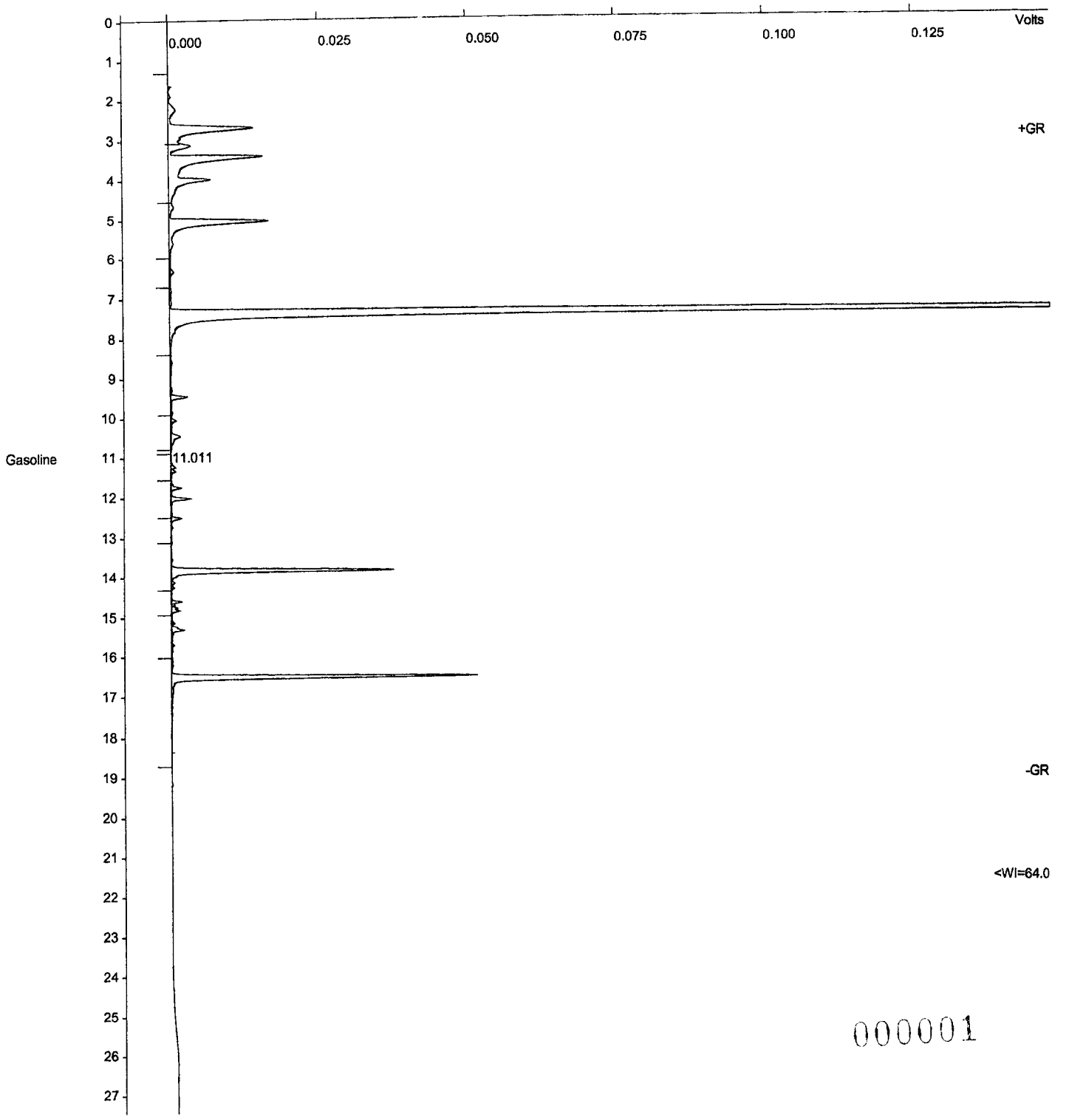
Injection Date: 12/4/2002 9:57 AM Calculation Date: 12/4/2002 10:25 AM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000001

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1007.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : mb

Injection Date: 12/4/2002 9:57 AM Calculation Date: 12/4/2002 10:25 AM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2699	11.011	0.001	3153331	GR	0.0	
	Totals:	0.2699		0.001	3153331			

Total Unidentified Counts : 179231 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 28 microVolts

Noise (used): 13 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1007.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : mb

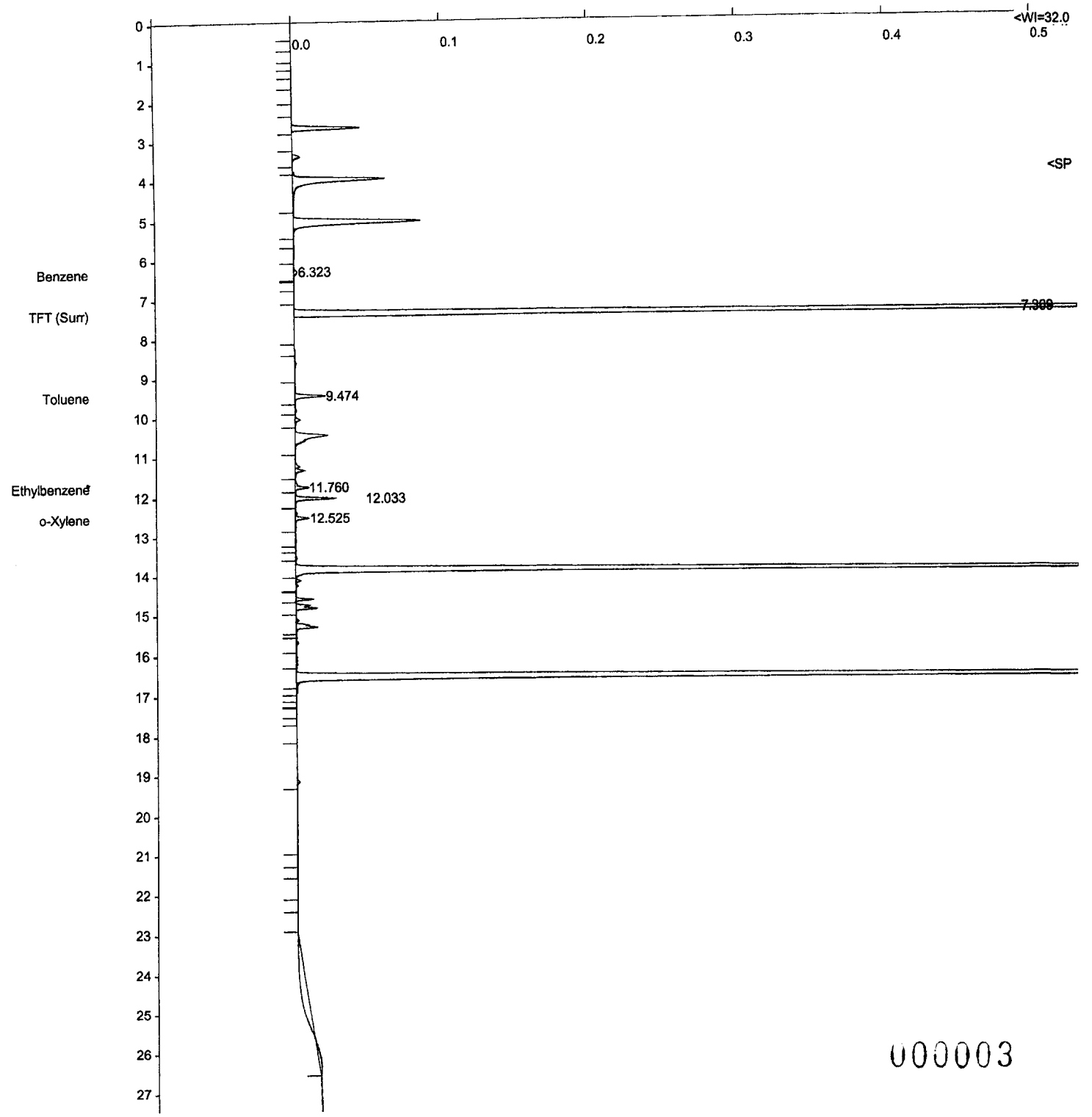
Injection Date: 12/4/2002 9:57 AM Calculation Date: 12/4/2002 10:25 AM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1007.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : mb

Injection Date: 12/4/2002 9:57 AM Calculation Date: 12/4/2002 10:25 AM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.323	0.052	12976	TF	0.0	C*
2	TFT (Surr)	0.1737	7.369	0.028	4972507	VP	5.3	
3	Toluene	no result	9.474	0.037	97712	VV	0.0	C*
4	Ethylbenzene	no result	11.760	-0.008	42473	VV	0.0	C*
5	p,m-Xylene	no result	12.033	-0.004	108037	VV	0.0	C*
6	o-Xylene	no result	12.525	-0.000	45208	VV	0.0	C*
	Totals:	0.1737		0.105	5278913			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 12738698 counts

Detected Peaks: 50 Rejected Peaks: 11 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -9 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1008.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

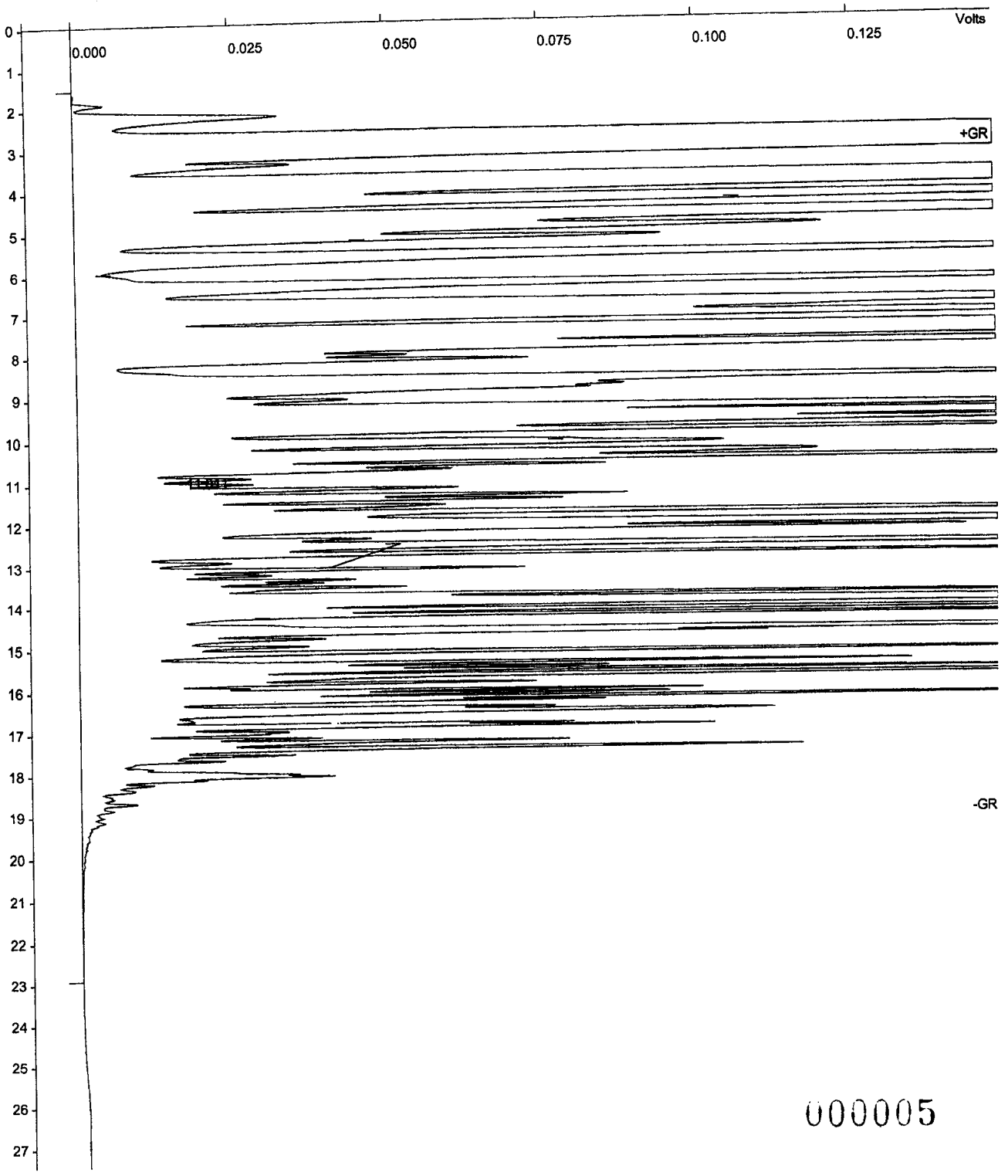
Injection Date: 12/4/2002 11:07 AM Calculation Date: 12/4/2002 11:35 AM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000005

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1008.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

Injection Date: 12/4/2002 11:07 AM Calculation Date: 12/4/2002 11:35 AM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.3275	11.011	0.001	99136824	GR	0.0	
	Totals:	4.3275		0.001	99136824			

Total Unidentified Counts : 15839971 counts

Detected Peaks: 19 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -30 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : C:\star\module44\dec02\g14-12-4-2002-1008.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

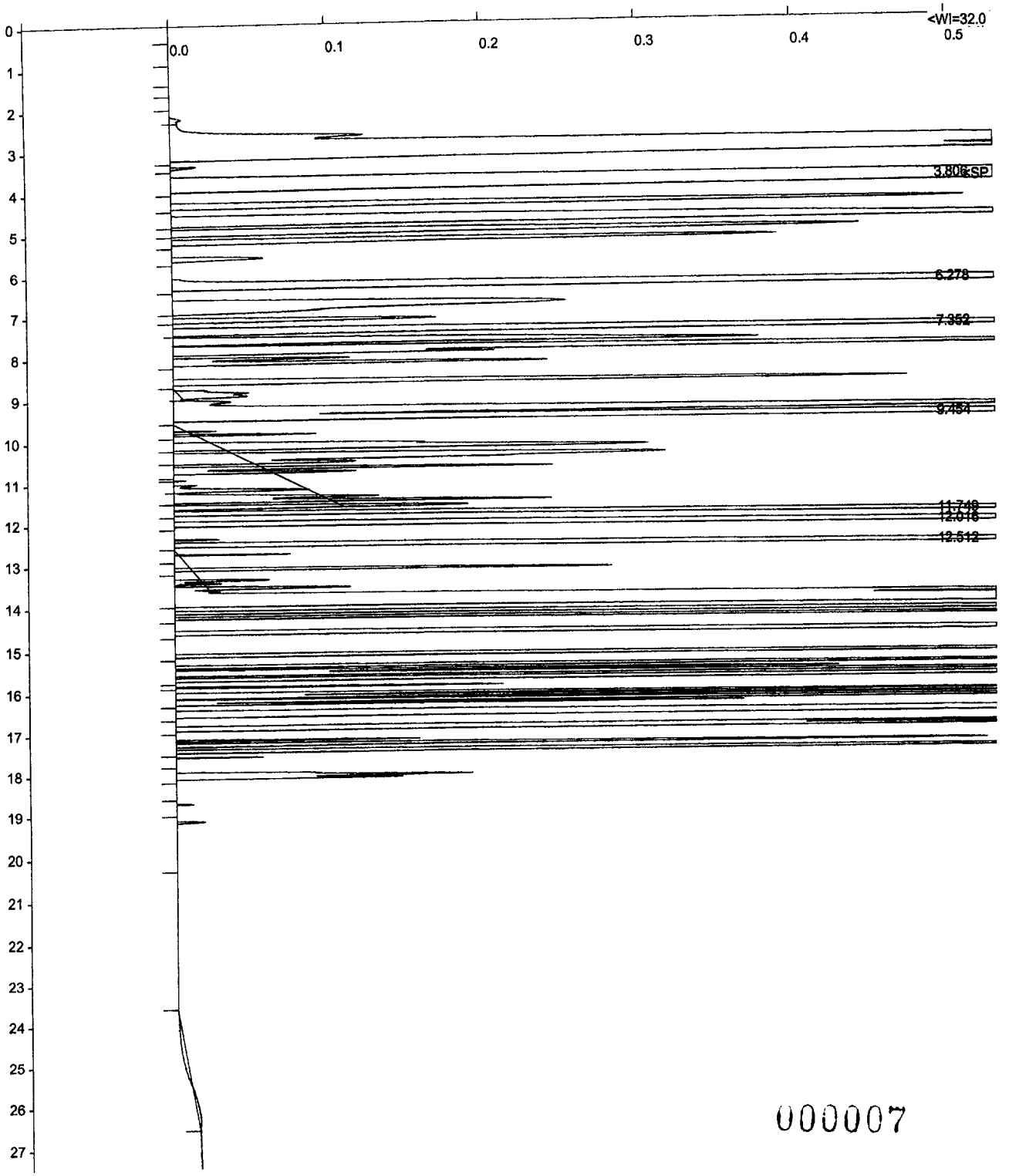
Injection Date: 12/4/2002 11:07 AM Calculation Date: 12/4/2002 11:35 AM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000007

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1008.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

Injection Date: 12/4/2002 11:07 AM Calculation Date: 12/4/2002 11:35 AM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.3959	3.806	0.049	20258692	VV	0.0	C
2	Benzene	0.0701	6.278	0.007	10462118	VV	6.0	
3	TFT (Surr)	0.2187	7.352	0.011	6259529	VV	5.3	
4	Toluene	0.1994	9.454	0.017	37272620	VV	4.3	
5	Ethylbenzene	0.0634	11.749	-0.019	10532599	VV	3.4	
6	p,m-Xylene	0.2075	12.016	-0.021	36759552	VV	3.6	C
7	o-Xylene	0.0915	12.512	-0.013	14309038	VV	3.7	
	Totals:	1.2465		0.031	135854148			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 178762320 counts

Detected Peaks: 58 Rejected Peaks: 4 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -22 microVolts

Noise (used): 4 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : C:\star\module44\dec02\g14-12-4-2002-1014.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

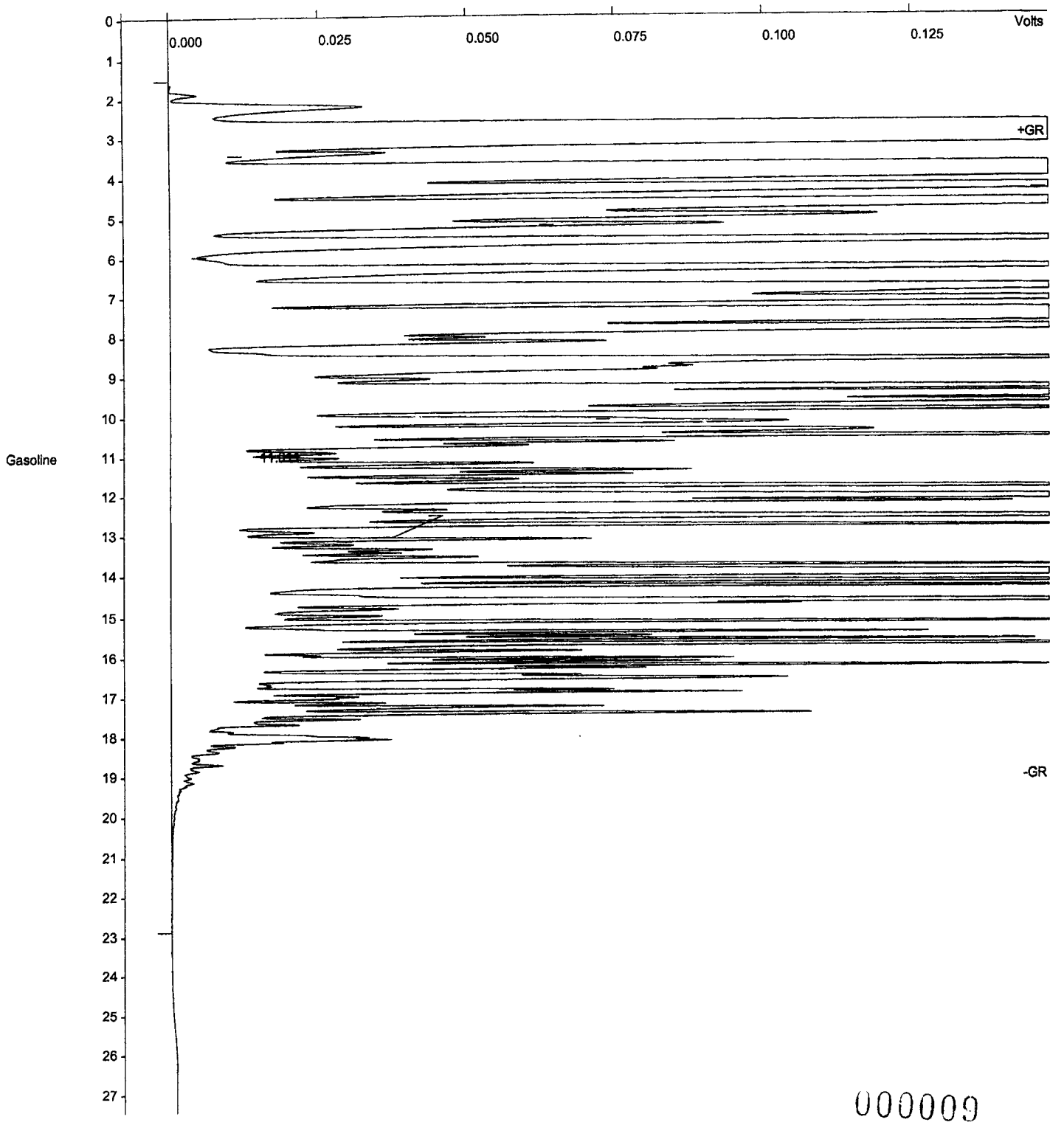
Injection Date: 12/4/2002 2:38 PM Calculation Date: 12/4/2002 3:06 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1014.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

Injection Date: 12/4/2002 2:38 PM Calculation Date: 12/4/2002 3:06 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.2469	11.011	0.001	97229464	GR	0.0	
	Totals:	4.2469		0.001	97229464			

Total Unidentified Counts : 15938846 counts

Detected Peaks: 19 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 26 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1014.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

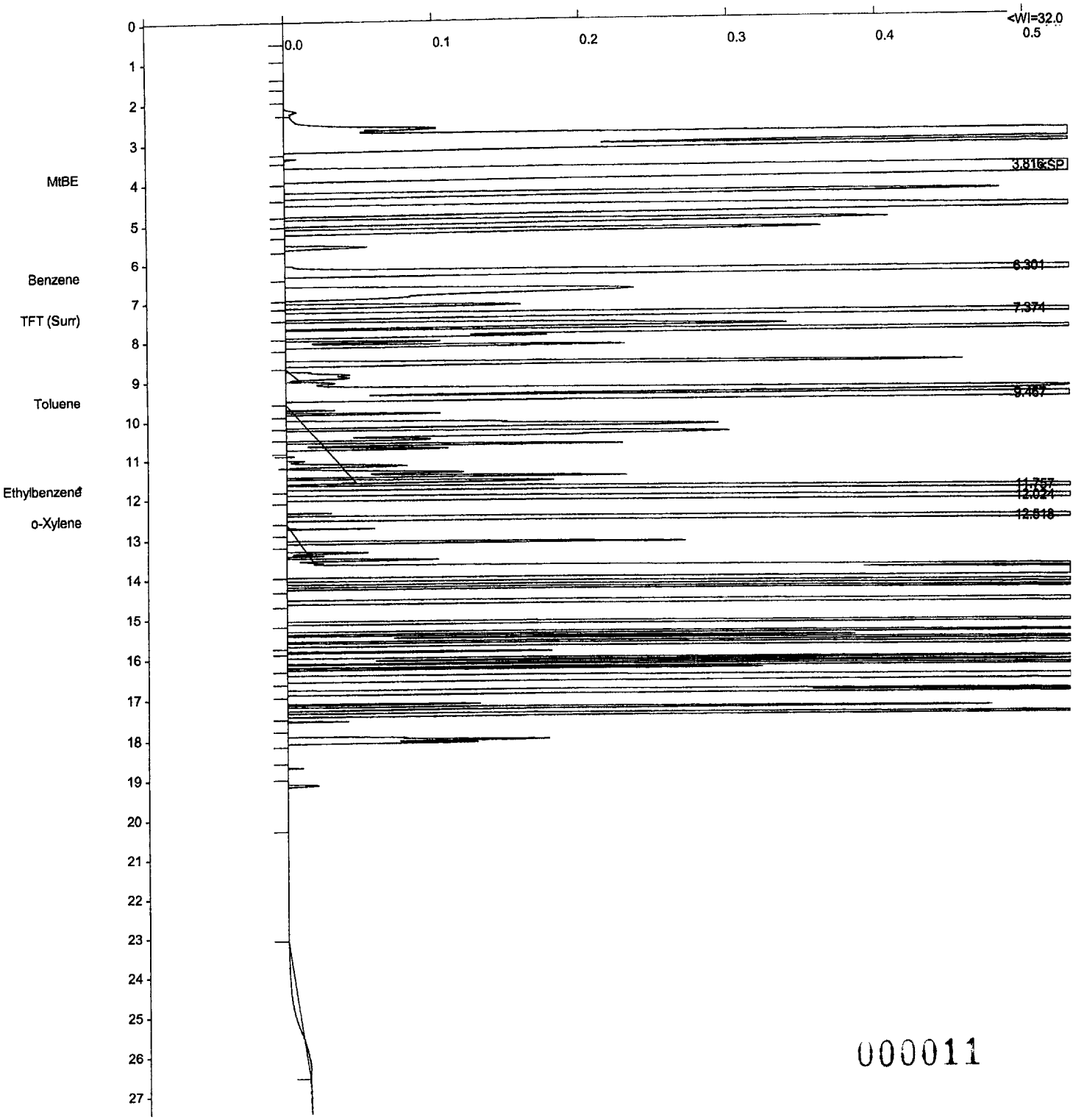
Injection Date: 12/4/2002 2:38 PM Calculation Date: 12/4/2002 3:06 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000011

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1014.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

Injection Date: 12/4/2002 2:38 PM Calculation Date: 12/4/2002 3:06 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.3449	3.816	0.059	17600624	VV	0.0	C
2	Benzene	0.0661	6.301	0.030	9875985	VV	5.8	
3	TFT (Surr)	0.2322	7.374	0.033	6646239	VV	5.4	
4	Toluene	0.1893	9.467	0.030	35428372	VV	4.1	
5	Ethylbenzene	0.0604	11.757	-0.011	10090302	VV	3.7	
6	p,m-Xylene	0.1989	12.024	-0.013	35292504	VV	3.8	C
7	o-Xylene	0.0872	12.518	-0.007	13683239	VV	3.6	
	Totals:	1.1790		0.121	128617265			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 163664048 counts

Detected Peaks: 59 Rejected Peaks: 3 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -46 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : C:\star\module44\dec02\g14-12-4-2002-1015.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : glcs-gw143

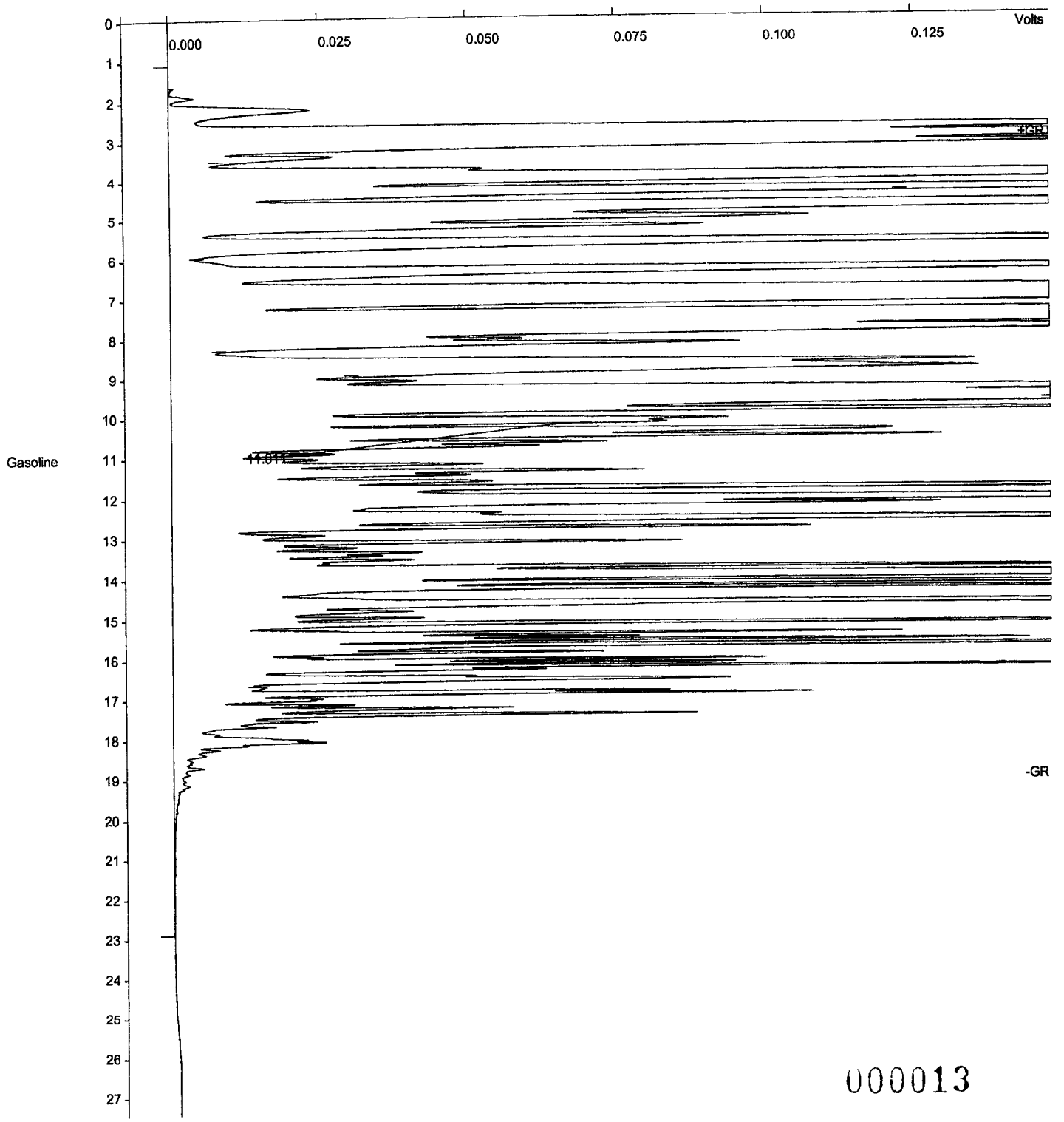
Injection Date: 12/4/2002 3:13 PM Calculation Date: 12/4/2002 3:41 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000013

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1015.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : glcs-gw143

Injection Date: 12/4/2002 3:13 PM Calculation Date: 12/4/2002 3:41 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.3701	11.011	0.001	100144424	GR	0.0	
	Totals:	4.3701		0.001	100144424			

Total Unidentified Counts : 8271248 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 31 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1015.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : glcs-gw143

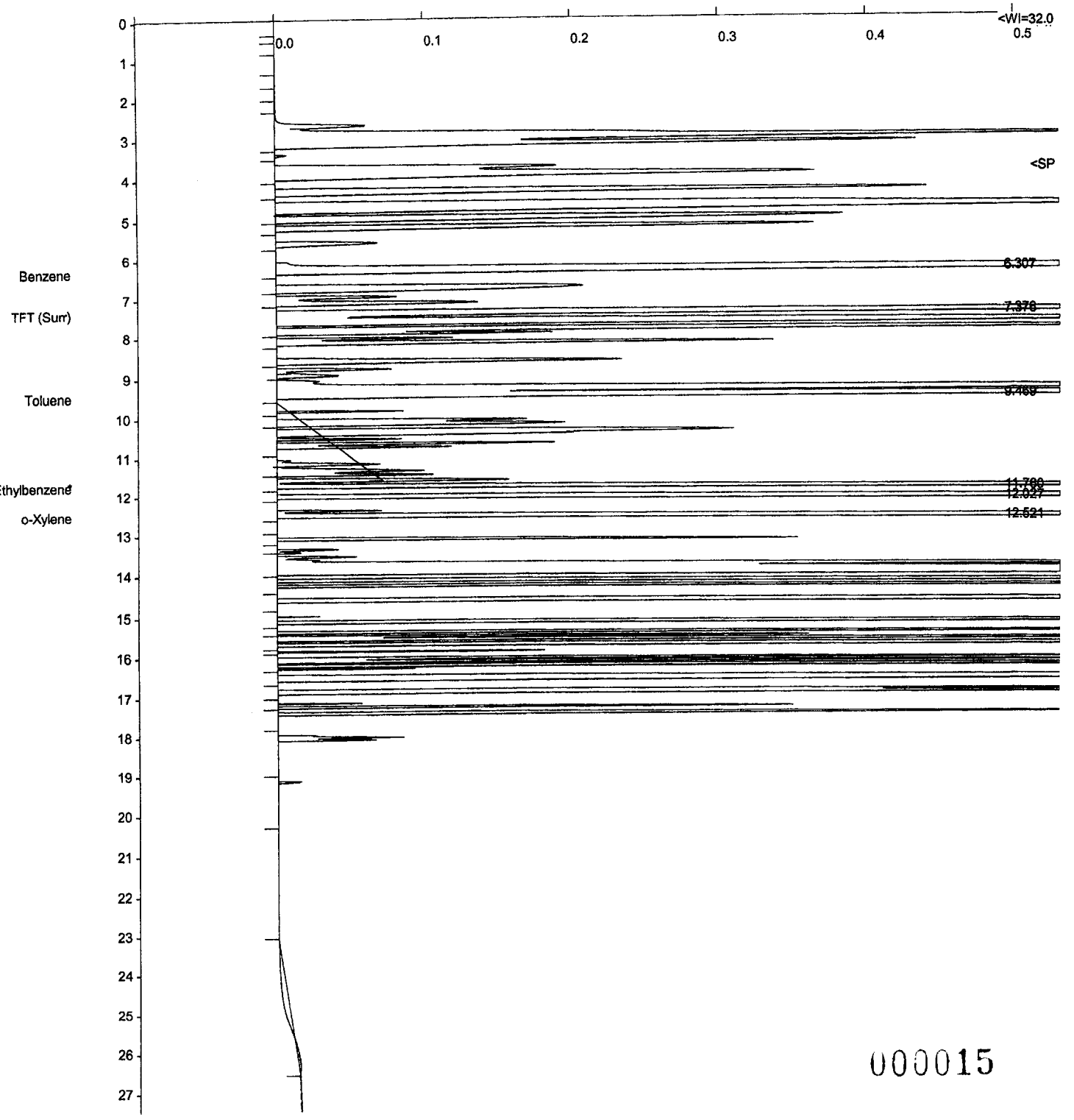
Injection Date: 12/4/2002 3:13 PM Calculation Date: 12/4/2002 3:41 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000015

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1015.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : glcs-gw143

Injection Date: 12/4/2002 3:13 PM Calculation Date: 12/4/2002 3:41 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0828	6.307	0.036	12315962	VV	5.9	
2	TFT (Surr)	0.2412	7.376	0.035	6904466	VV	5.3	
3	Toluene	0.2655	9.469	0.032	49303556	VV	4.2	C
4	Ethylbenzene	0.0750	11.760	-0.007	12250922	VV	3.7	
5	p,m-Xylene	0.2275	12.027	-0.010	40190536	VV	3.7	C
6	o-Xylene	0.1121	12.521	-0.003	17313814	VB	3.5	
	Totals:	1.0041		0.083	138279256			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 157682832 counts

Detected Peaks: 56 Rejected Peaks: 2 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -11 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1016.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : glcsd-gw143

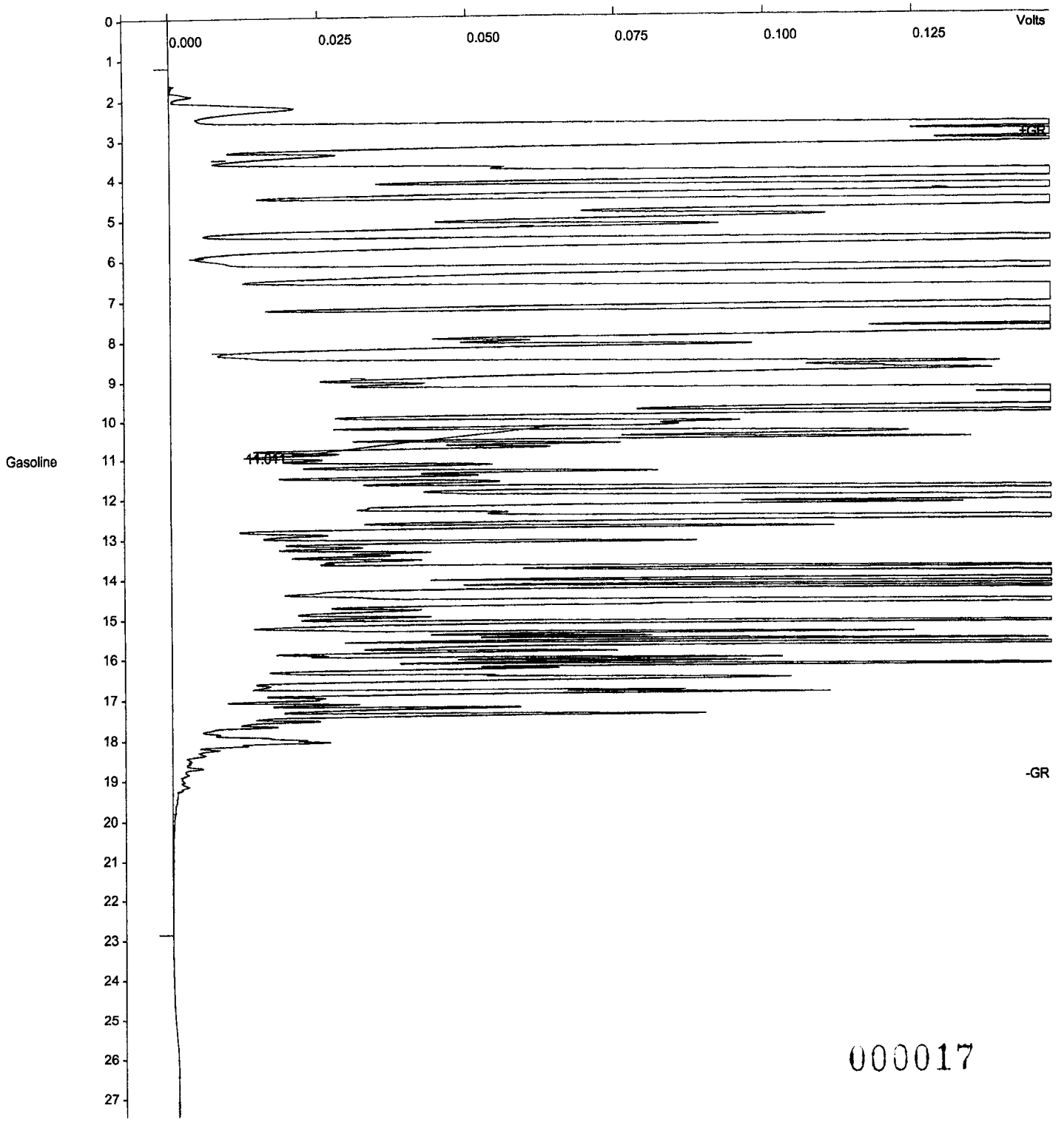
Injection Date: 12/4/2002 3:48 PM Calculation Date: 12/4/2002 4:16 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000017

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1016.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : glcsd-gw143

Injection Date: 12/4/2002 3:48 PM Calculation Date: 12/4/2002 4:16 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.4663	11.011	0.001	102421120	GR	0.0	
	Totals:	4.4663		0.001	102421120			

Total Unidentified Counts : 8520275 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 33 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1016.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : glcsd-gw143

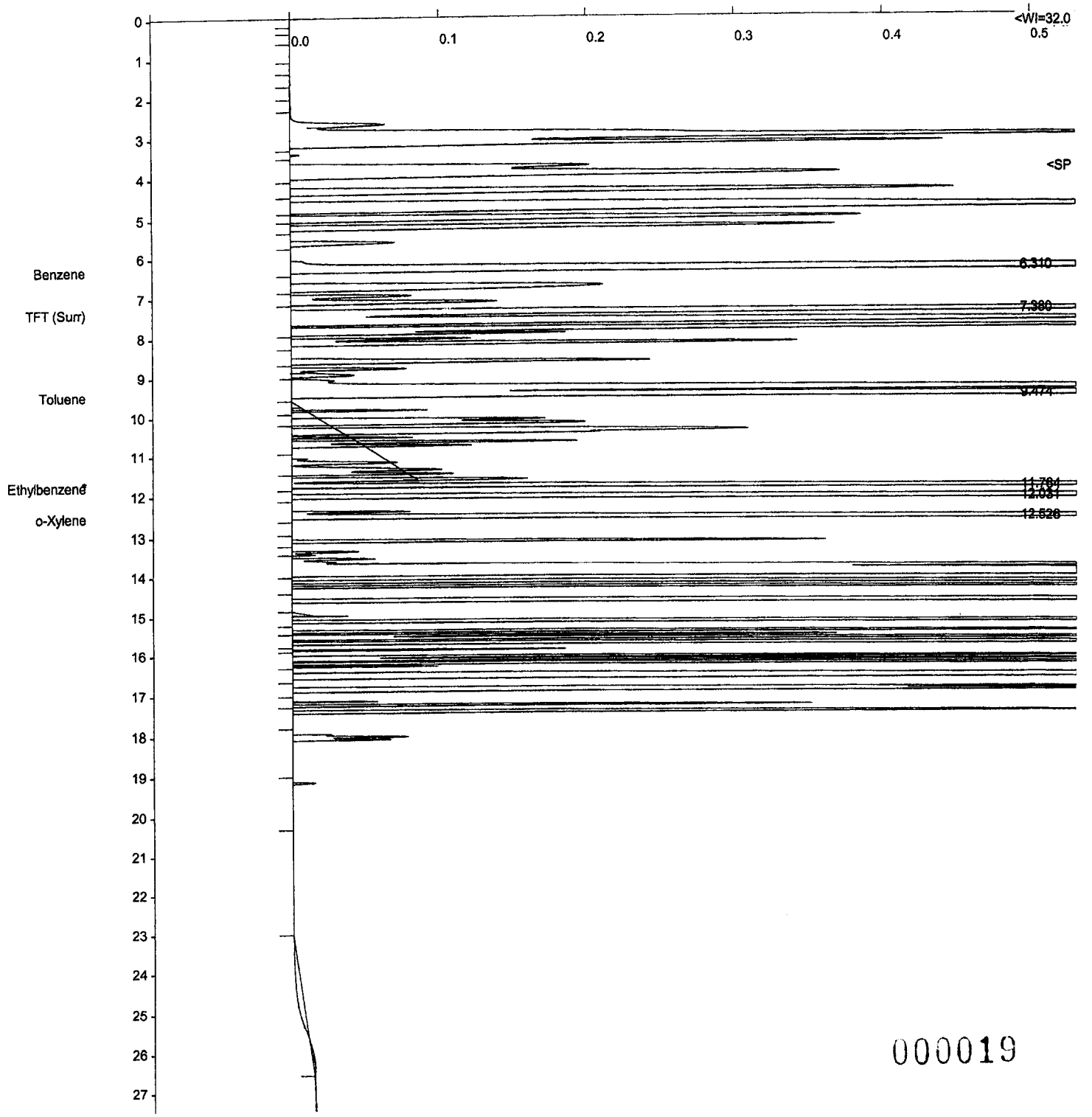
Injection Date: 12/4/2002 3:48 PM Calculation Date: 12/4/2002 4:16 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000019

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1016.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : glcsd-gw143

Injection Date: 12/4/2002 3:48 PM Calculation Date: 12/4/2002 4:16 PM

Operator :
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0833	6.310	0.039	12377993	VV	5.9	
2	TFT (Surr)	0.2395	7.380	0.039	6853767	VV	5.4	
3	Toluene	0.2634	9.474	0.036	48914488	VV	4.3	C
4	Ethylbenzene	0.0759	11.764	-0.003	12378597	VV	3.6	
5	p,m-Xylene	0.2270	12.031	-0.006	40099204	VV	3.8	C
6	o-Xylene	0.1130	12.526	0.001	17443166	VB	3.5	
	Totals:	1.0021		0.106	138067215			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 161317632 counts

Detected Peaks: 58 Rejected Peaks: 4 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 7 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1020.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-033-5.0

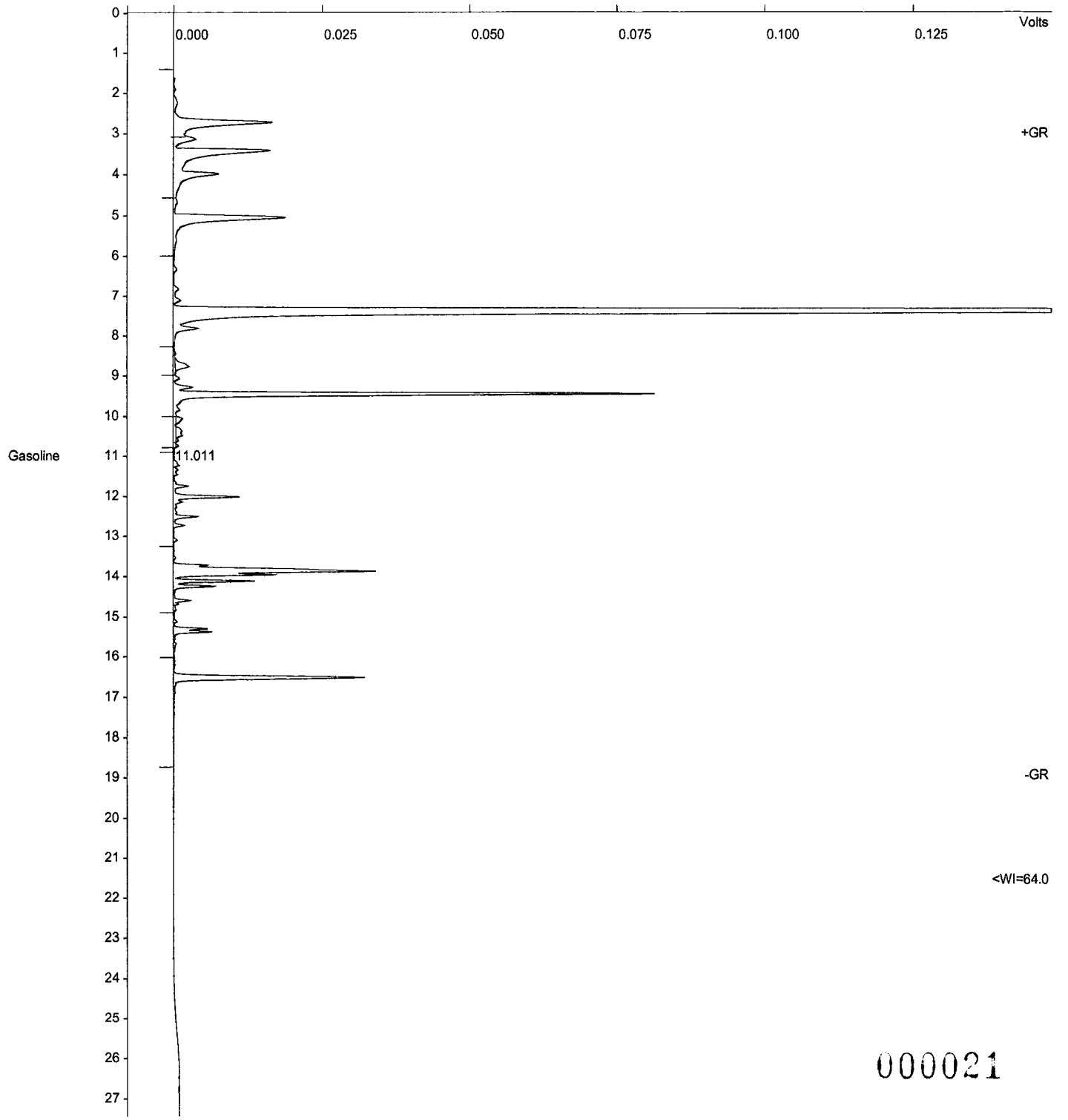
Injection Date: 12/4/2002 6:14 PM Calculation Date: 12/4/2002 6:42 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000021

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1020.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-033-5.0

Injection Date: 12/4/2002 6:14 PM Calculation Date: 12/4/2002 6:42 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID
Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3084	11.011	0.001	4063048	GR	0.0	
	Totals:	0.3084		0.001	4063048			

Total Unidentified Counts : 199931 counts

Detected Peaks: 11 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -65 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1020.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-033-5.0

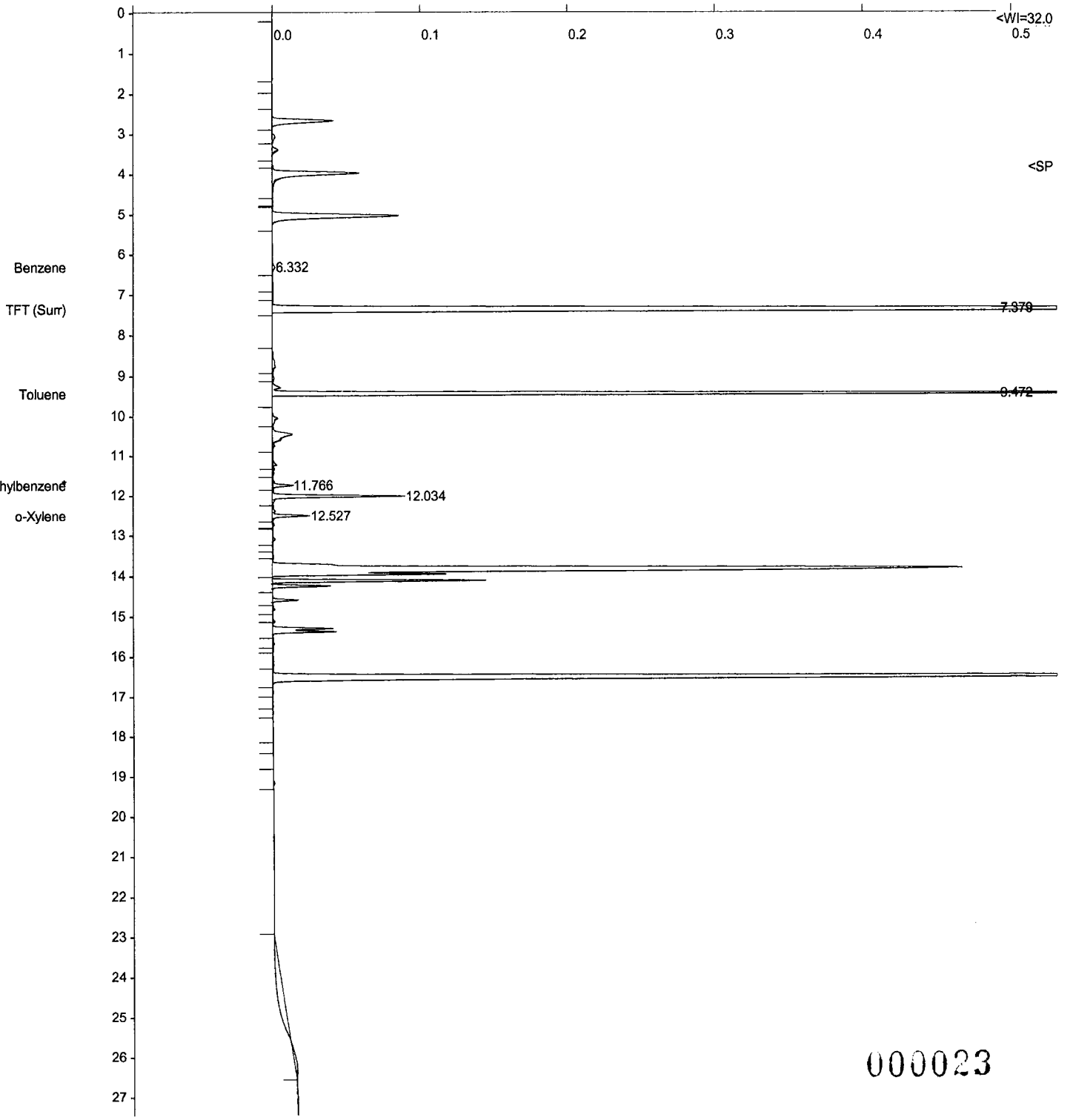
Injection Date: 12/4/2002 6:14 PM Calculation Date: 12/4/2002 6:42 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000023

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1020.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-033-5.0

Injection Date: 12/4/2002 6:14 PM Calculation Date: 12/4/2002 6:42 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.332	0.061	14917	TF	0.0	C*
2	TFT (Surr)	0.1903	7.379	0.038	5447299	VB	5.1	
3	Toluene	0.0088	9.472	0.035	2600474	VV	4.0	
4	Ethylbenzene	no result	11.766	-0.002	48590	TF	0.0	C*
5	p,m-Xylene	no result	12.034	-0.003	347911	VV	3.8	C*
6	o-Xylene	no result	12.527	0.002	128343	VV	3.6	C*
	Totals:	0.1991		0.131	8587534			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 10064747 counts

Detected Peaks: 45 Rejected Peaks: 5 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 56 microVolts

Noise (used): 67 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1021.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-034-5.0

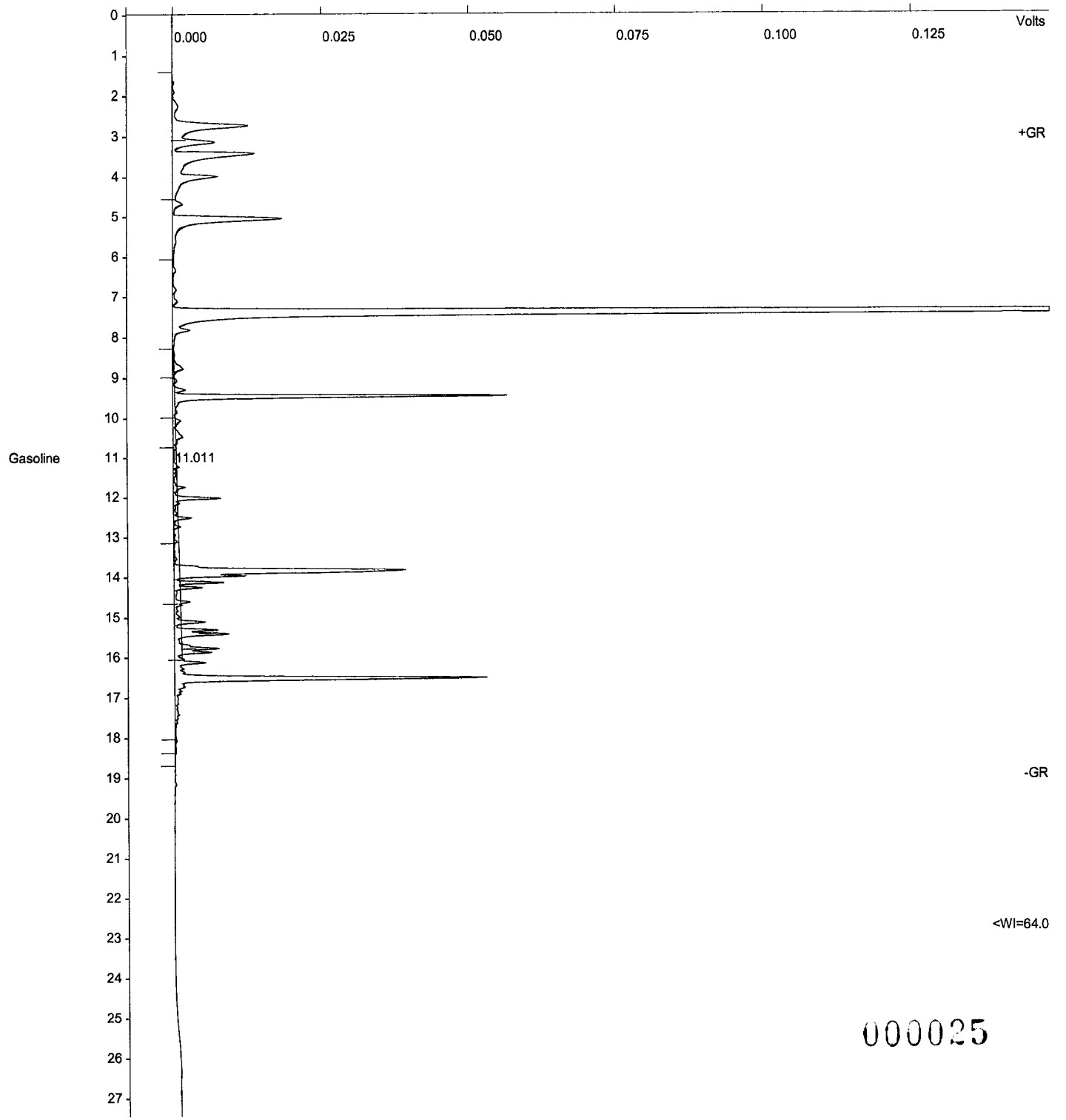
Injection Date: 12/4/2002 6:49 PM Calculation Date: 12/4/2002 7:17 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000025

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1021.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-034-5.0

Injection Date: 12/4/2002 6:49 PM Calculation Date: 12/4/2002 7:17 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3092	11.011	0.001	4083830	GR	0.0	
	Totals:	0.3092		0.001	4083830			

Total Unidentified Counts : 175107 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -76 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1021.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-034-5.0

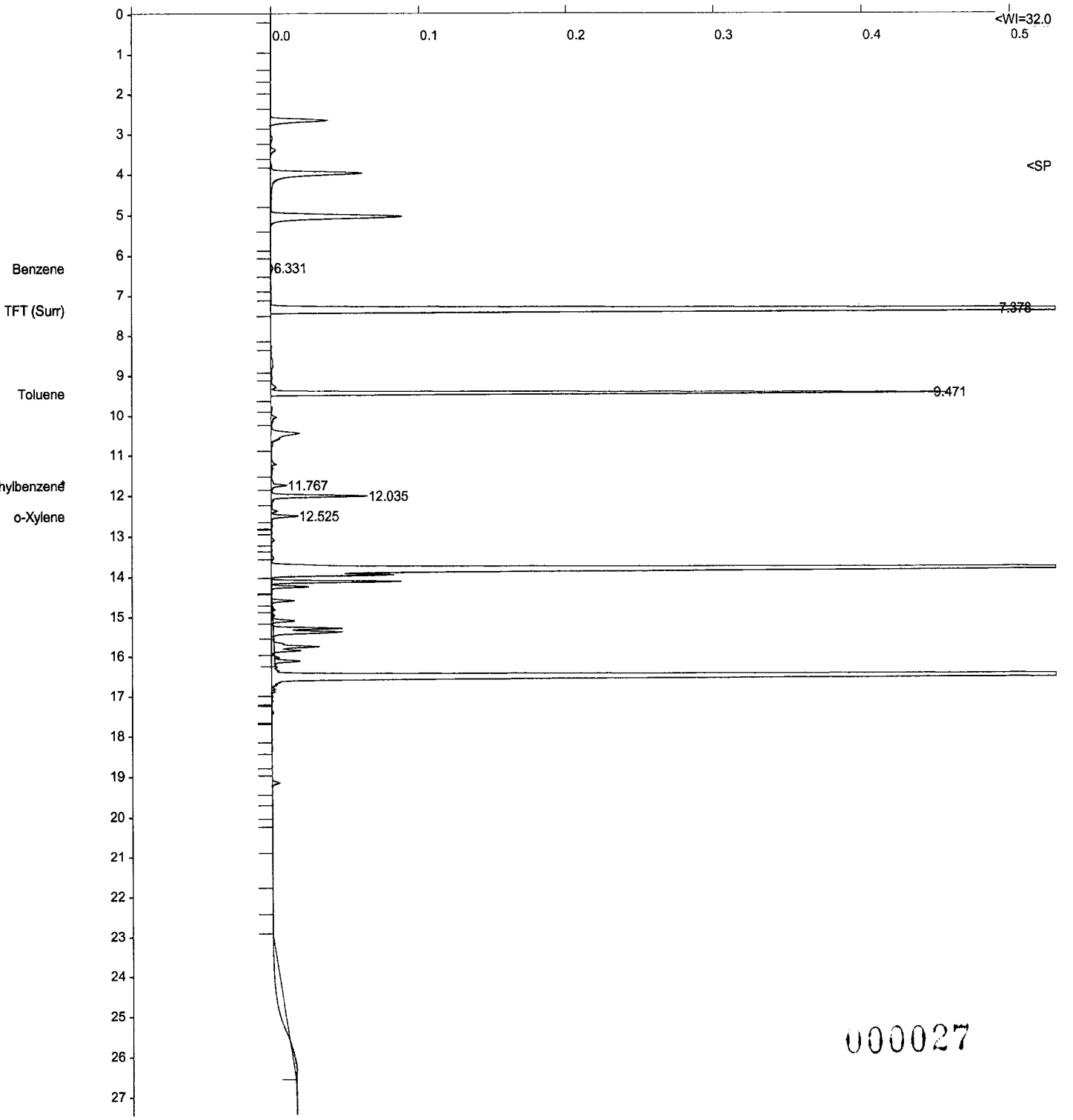
Injection Date: 12/4/2002 6:49 PM Calculation Date: 12/4/2002 7:17 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000027

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1021.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-034-5.0

Injection Date: 12/4/2002 6:49 PM Calculation Date: 12/4/2002 7:17 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.331	0.060	8924	TF	0.0	C*
2	TFT (Surr)	0.1858	7.378	0.037	5317588	VB	5.2	
3	Toluene	0.0044	9.471	0.034	1800864	VP	4.0	
4	Ethylbenzene	no result	11.767	-0.000	50536	VV	0.0	C*
5	p,m-Xylene	no result	12.035	-0.002	257828	VV	3.9	C*
6	o-Xylene	no result	12.525	-0.000	92047	VV	3.6	C*
	Totals:	0.1902		0.129	7527787			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 14602416 counts

Detected Peaks: 57 Rejected Peaks: 5 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 60 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1022.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-035-5.0

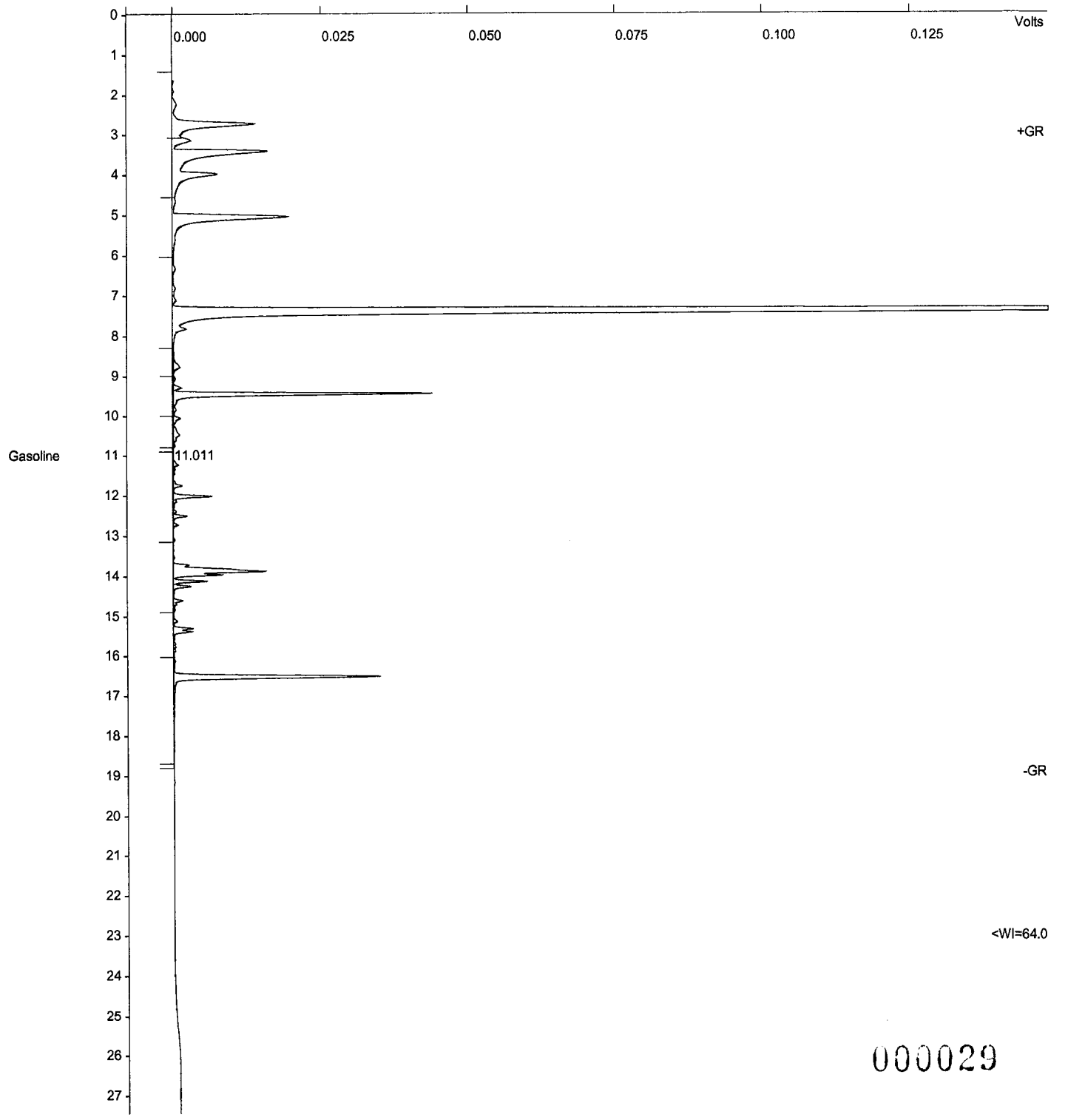
Injection Date: 12/4/2002 7:25 PM Calculation Date: 12/4/2002 7:52 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000029

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1022.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-035-5.0

Injection Date: 12/4/2002 7:25 PM Calculation Date: 12/4/2002 7:52 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2850	11.011	0.001	3510920	GR	0.0	
	Totals:	0.2850		0.001	3510920			

Total Unidentified Counts : 166653 counts

Detected Peaks: 11 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 13 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1022.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-035-5.0

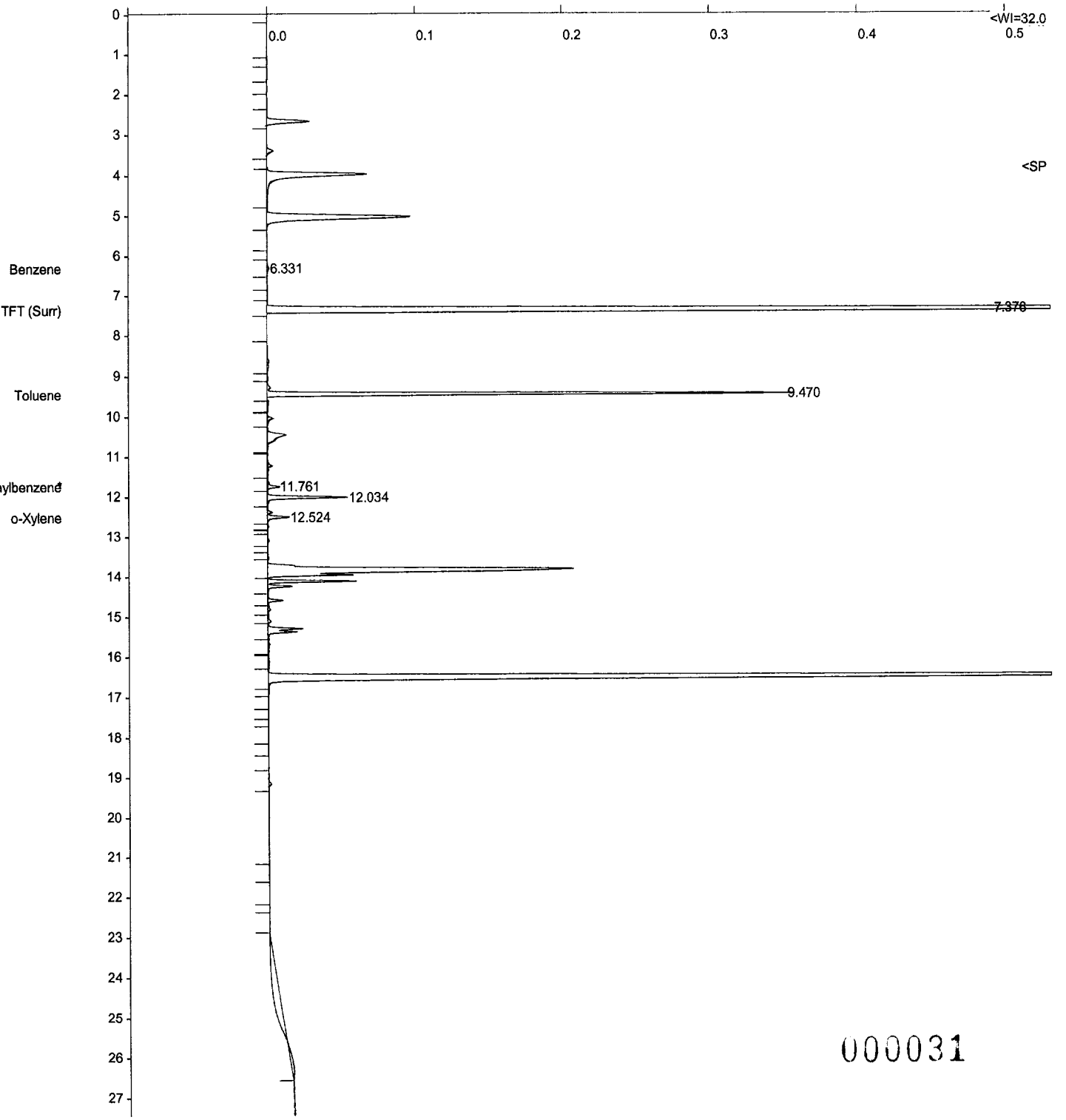
Injection Date: 12/4/2002 7:25 PM Calculation Date: 12/4/2002 7:52 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1022.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-035-5.0

Injection Date: 12/4/2002 7:25 PM Calculation Date: 12/4/2002 7:52 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.331	0.060	8188	TF	0.0	C*
2	TFT (Surr)	0.1951	7.376	0.035	5585179	VB	5.1	
3	Toluene	0.0025	9.470	0.033	1449919	VV	4.0	
4	Ethylbenzene	no result	11.761	-0.007	32851	TF	0.0	C*
5	p,m-Xylene	no result	12.034	-0.003	213355	VV	3.9	C*
6	o-Xylene	no result	12.524	-0.001	82651	VV	3.6	C*
	Totals:	0.1976		0.117	7372143			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 8171102 counts

Detected Peaks: 52 Rejected Peaks: 11 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -51 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1023.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0

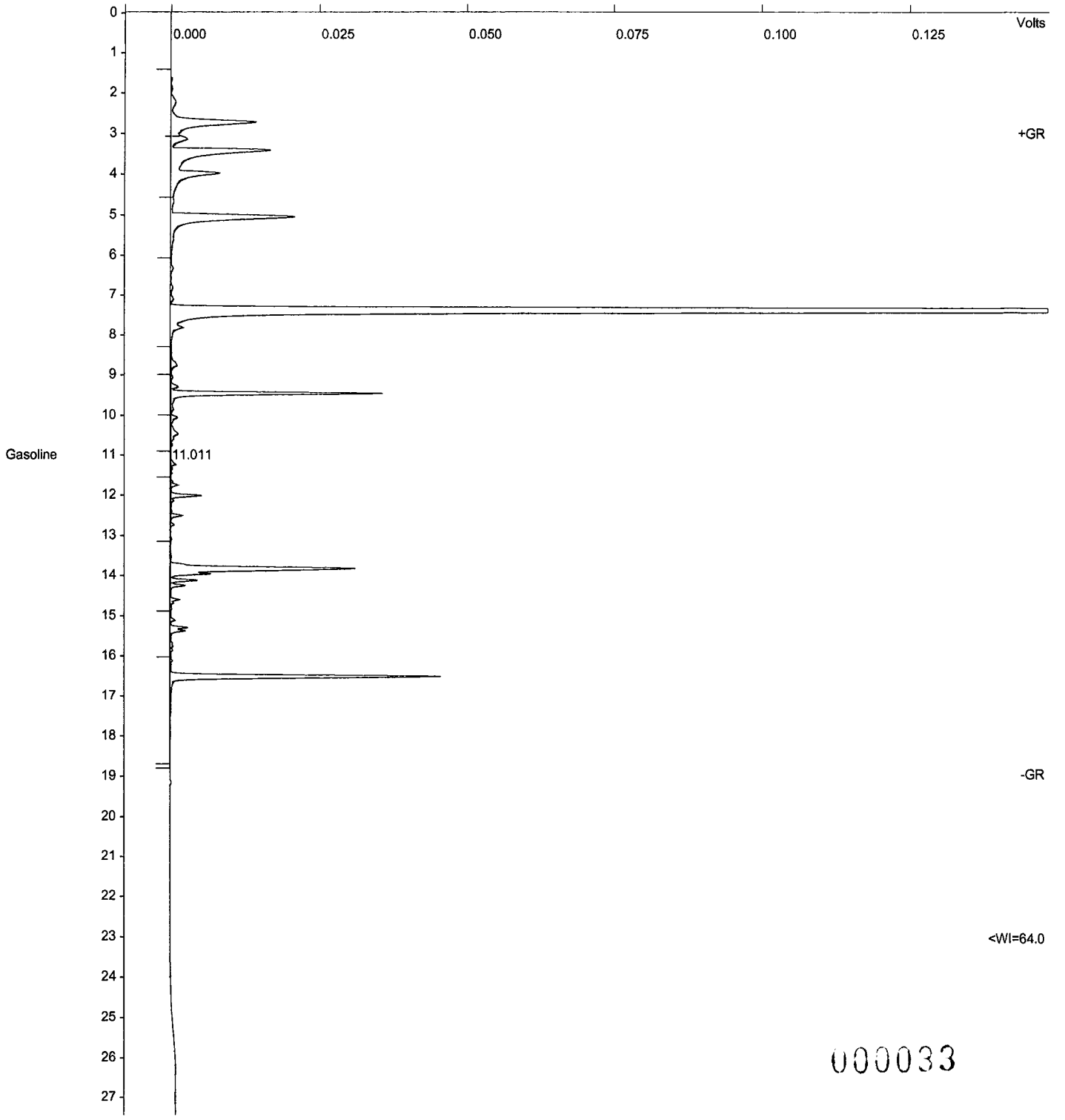
Injection Date: 12/4/2002 8:00 PM Calculation Date: 12/4/2002 8:27 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000033

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1023.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0

Injection Date: 12/4/2002 8:00 PM Calculation Date: 12/4/2002 8:27 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2898	11.011	0.001	3623953	GR	0.0	
	Totals:	0.2898		0.001	3623953			

Total Unidentified Counts : 171868 counts

Detected Peaks: 12 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -83 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1023.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0

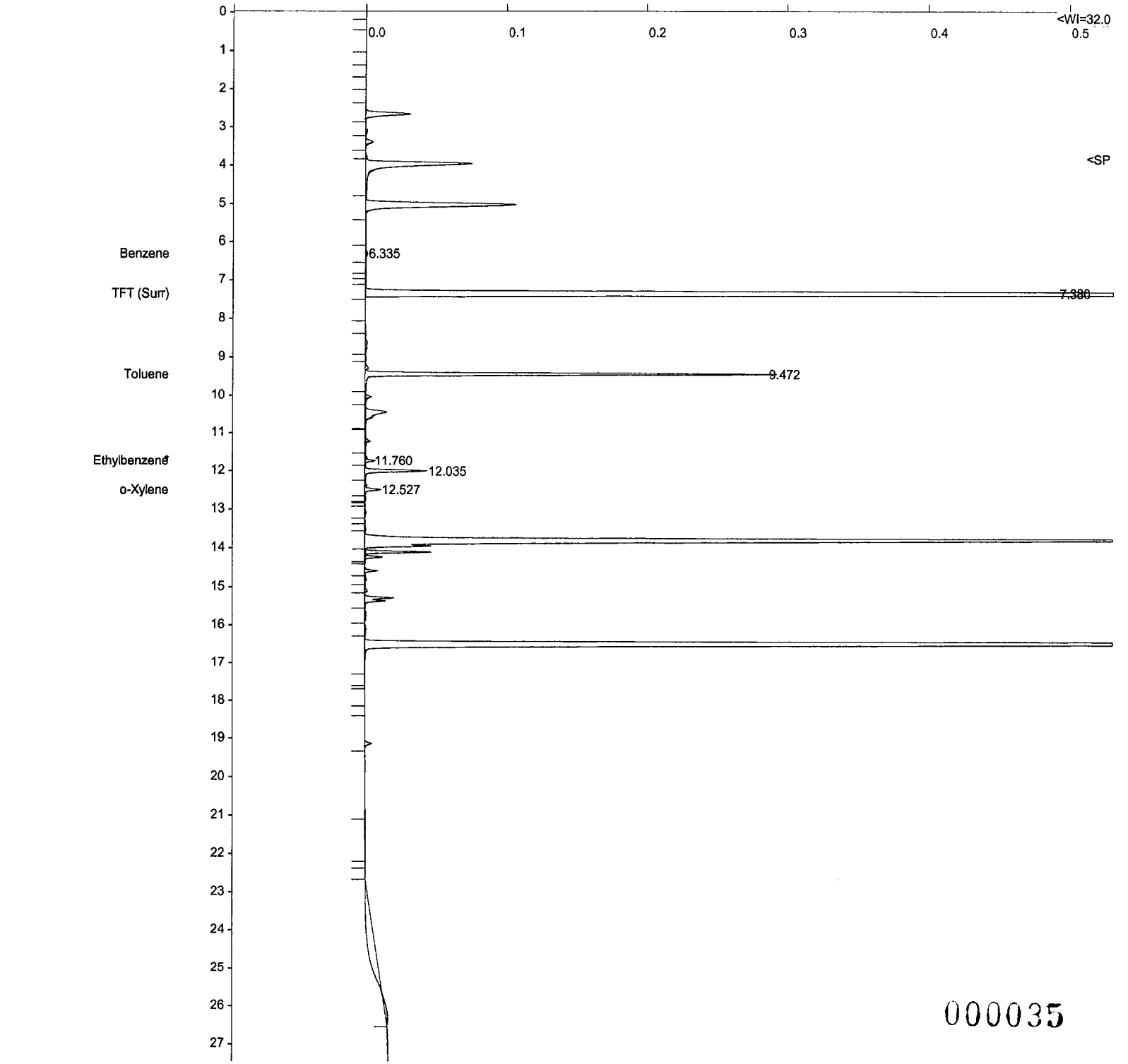
Injection Date: 12/4/2002 8:00 PM Calculation Date: 12/4/2002 8:27 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000035

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1023.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0

Injection Date: 12/4/2002 8:00 PM Calculation Date: 12/4/2002 8:27 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.335	0.064	8284	TF	0.0	C*
2	TFT (Surr)	0.2026	7.380	0.039	5798343	VB	5.3	
3	Toluene	0.0013	9.472	0.035	1238474	VV	4.0	
4	Ethylbenzene	no result	11.760	-0.008	27002	TF	0.0	C*
5	p,m-Xylene	no result	12.035	-0.002	174679	VV	3.9	C*
6	o-Xylene	no result	12.527	0.002	69918	VV	3.7	C*
	Totals:	0.2039		0.130	7316700			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 11923255 counts

Detected Peaks: 51 Rejected Peaks: 12 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -15 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1024.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-037-5.0

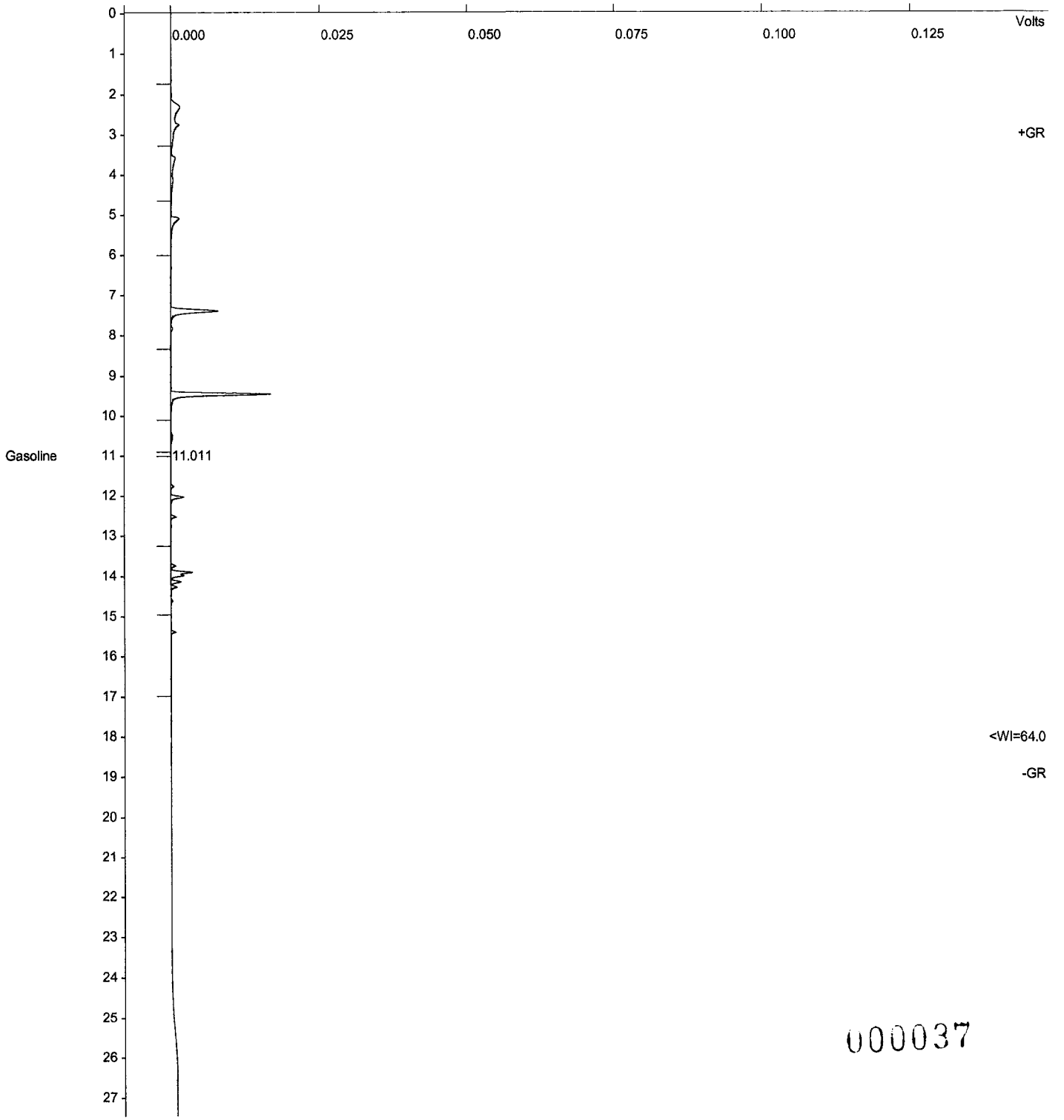
Injection Date: 12/4/2002 8:35 PM Calculation Date: 12/4/2002 9:02 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000037

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1024.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-037-5.0

Injection Date: 12/4/2002 8:35 PM Calculation Date: 12/4/2002 9:02 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.1473	11.011	0.001	252648	GR	0.0	
	Totals:	0.1473		0.001	252648			

Total Unidentified Counts : 51514 counts

Detected Peaks: 9 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 16 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1024.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-037-5.0

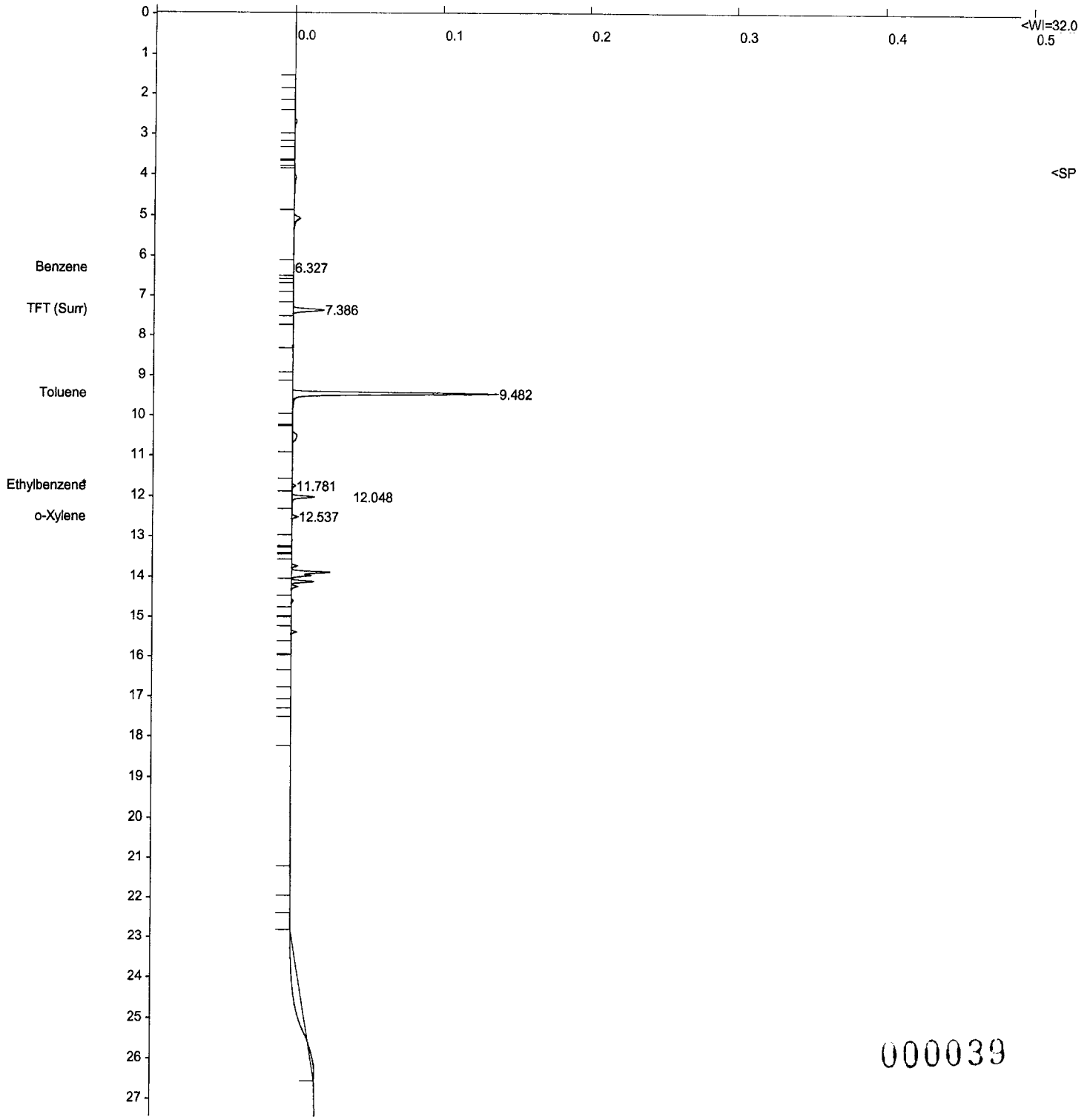
Injection Date: 12/4/2002 8:35 PM Calculation Date: 12/4/2002 9:02 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000039

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1024.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-037-5.0

Injection Date: 12/4/2002 8:35 PM Calculation Date: 12/4/2002 9:02 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.327	0.056	1372	TS	0.0	C*
2	TFT (Surr)	0.0034	7.386	0.045	96752	VP	4.7	
3	Toluene	no result	9.482	0.045	598352	VV	4.1	C*
4	Ethylbenzene	no result	11.781	0.013	6916	TF	0.0	C*
5	p,m-Xylene	no result	12.048	0.011	61148	VV	3.8	C*
6	o-Xylene	no result	12.537	0.012	15095	VP	4.0	C*
	Totals:	0.0034		0.182	779635			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 365112 counts

Detected Peaks: 45 Rejected Peaks: 24 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -29 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1025.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

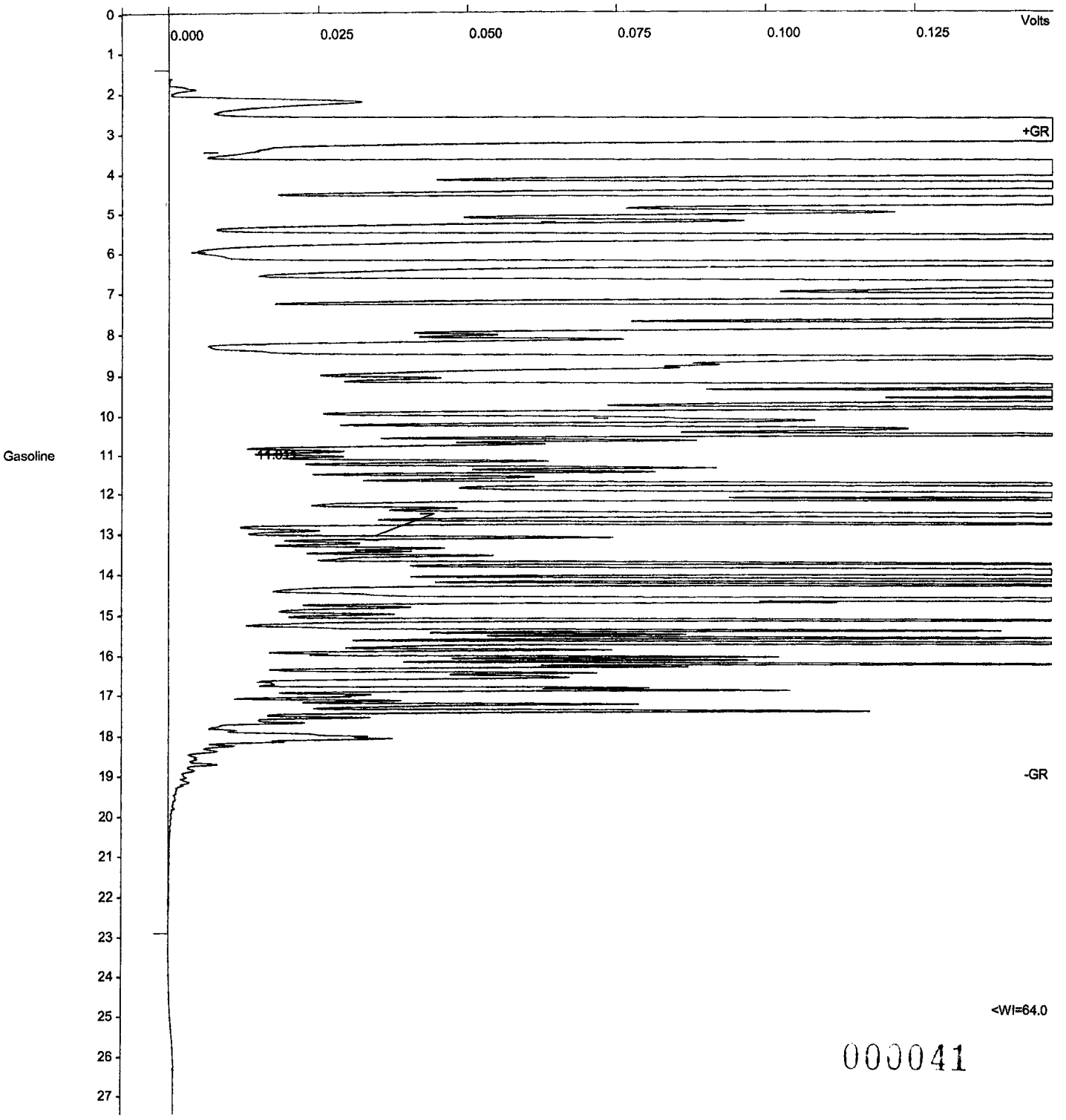
Injection Date: 12/4/2002 9:10 PM Calculation Date: 12/4/2002 9:37 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000041

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1025.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

Injection Date: 12/4/2002 9:10 PM Calculation Date: 12/4/2002 9:37 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.4262	11.011	0.001	101471824	GR	0.0	
	Totals:	4.4262		0.001	101471824			

Total Unidentified Counts : 16059066 counts

Detected Peaks: 20 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 15 microVolts

Noise (used): 23 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1025.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

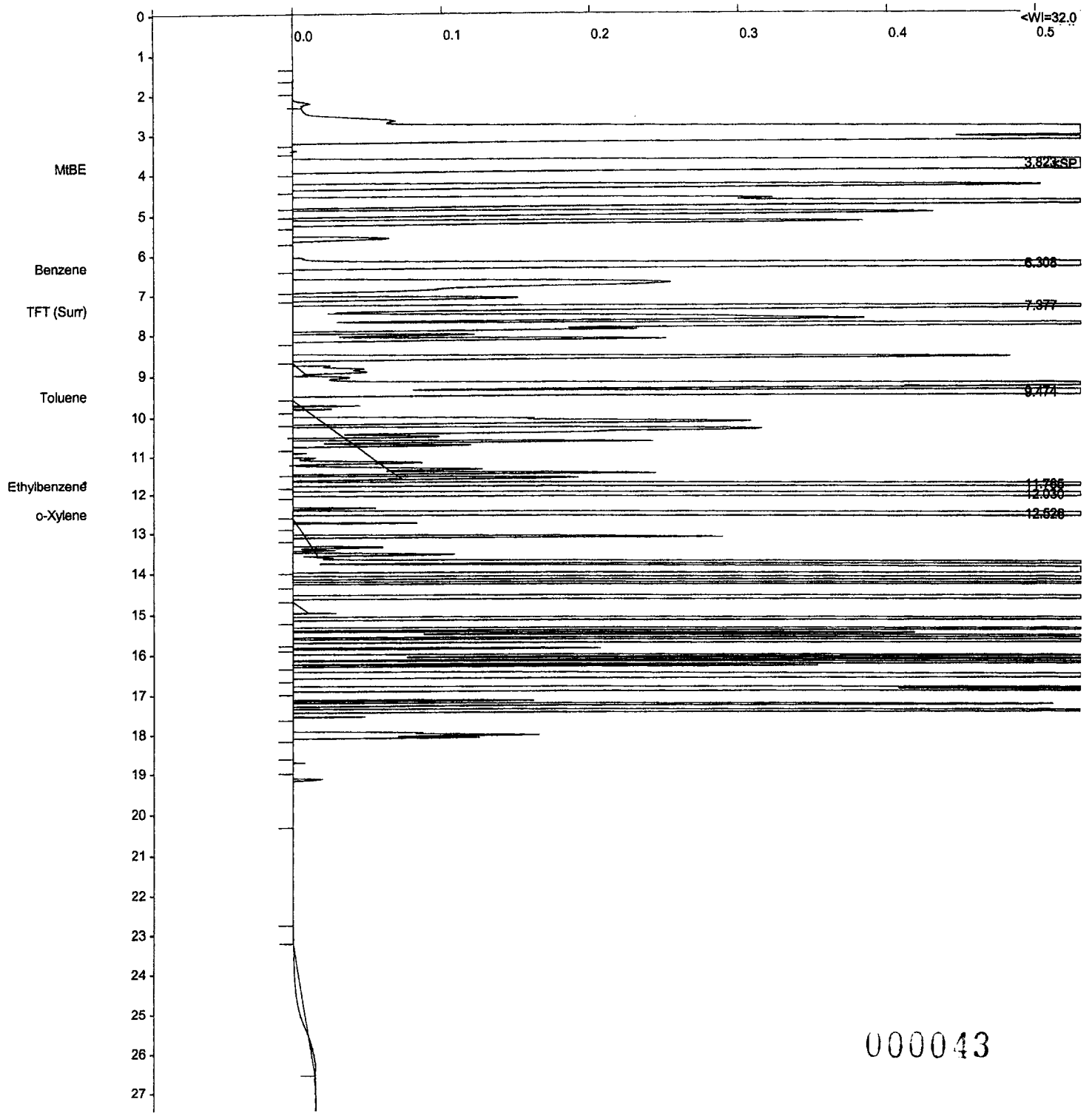
Injection Date: 12/4/2002 9:10 PM Calculation Date: 12/4/2002 9:37 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000043

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1025.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : gccv-gw142

Injection Date: 12/4/2002 9:10 PM Calculation Date: 12/4/2002 9:37 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.3775	3.823	0.066	19301792	VV	0.0	C
2	Benzene	0.0709	6.308	0.037	10569331	VV	6.0	
3	TFT (Surr)	0.1526	7.377	0.036	4367078	VV	5.7	
4	Toluene	0.2035	9.474	0.037	38022924	VV	4.1	
5	Ethylbenzene	0.0643	11.765	-0.003	10670635	VV	3.6	
6	p,m-Xylene	0.2015	12.030	-0.007	35733272	VV	3.6	C
7	o-Xylene	0.0934	12.526	0.001	14591427	VV	3.5	
	Totals:	1.1637		0.167	133256459			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 168443280 counts

Detected Peaks: 58 Rejected Peaks: 2 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -90 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1026.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-038-5.0

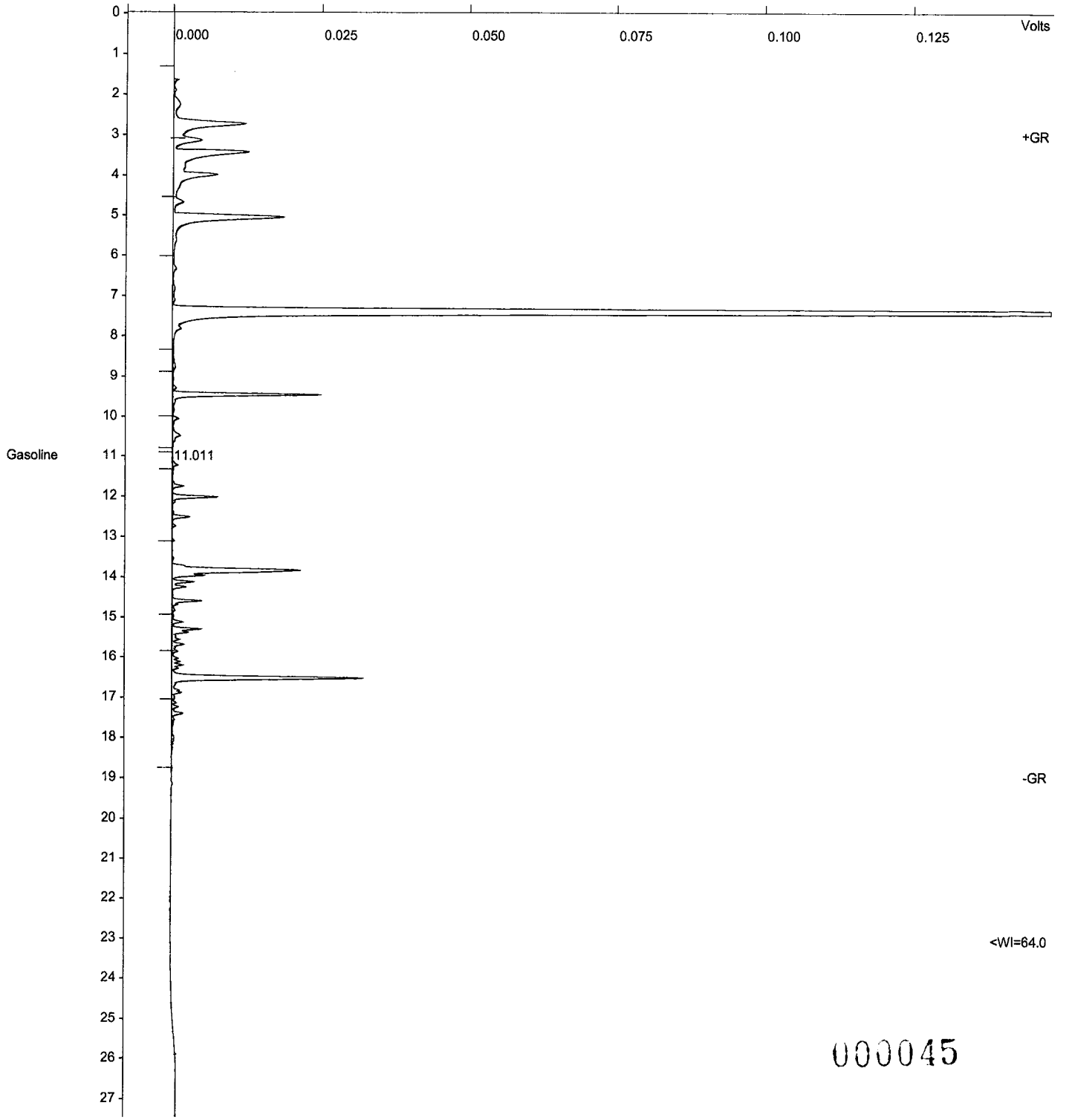
Injection Date: 12/4/2002 9:45 PM Calculation Date: 12/4/2002 10:12 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000045

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1026.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-038-5.0

Injection Date: 12/4/2002 9:45 PM Calculation Date: 12/4/2002 10:12 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2789	11.011	0.001	3365354	GR	0.0	
	Totals:	0.2789		0.001	3365354			

Total Unidentified Counts : 171130 counts

Detected Peaks: 13 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 24 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1026.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-038-5.0

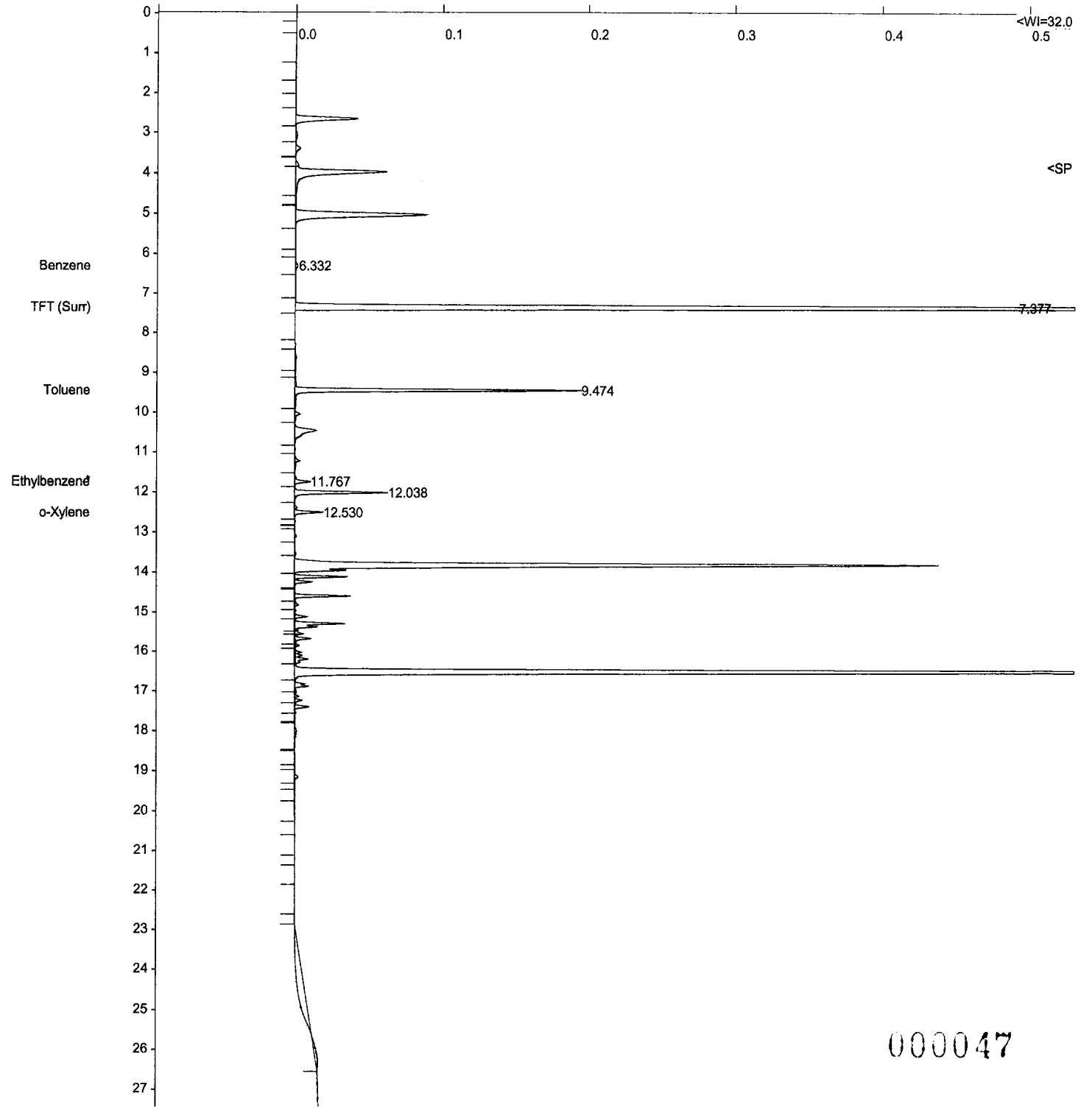
Injection Date: 12/4/2002 9:45 PM Calculation Date: 12/4/2002 10:12 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000047

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1026.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-038-5.0

Injection Date: 12/4/2002 9:45 PM Calculation Date: 12/4/2002 10:12 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.332	0.061	9961	TF	0.0	C*
2	TFT (Surr)	0.1691	7.377	0.036	4841147	VB	5.1	
3	Toluene	no result	9.474	0.037	839064	VV	3.9	C*
4	Ethylbenzene	no result	11.767	-0.001	40339	TF	0.0	C*
5	p,m-Xylene	no result	12.038	0.001	249728	VV	3.8	C*
6	o-Xylene	no result	12.530	0.005	94424	VV	3.7	C*
	Totals:	0.1691		0.139	6074663			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 9092329 counts

Detected Peaks: 61 Rejected Peaks: 8 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -36 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1027.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-039-5.0

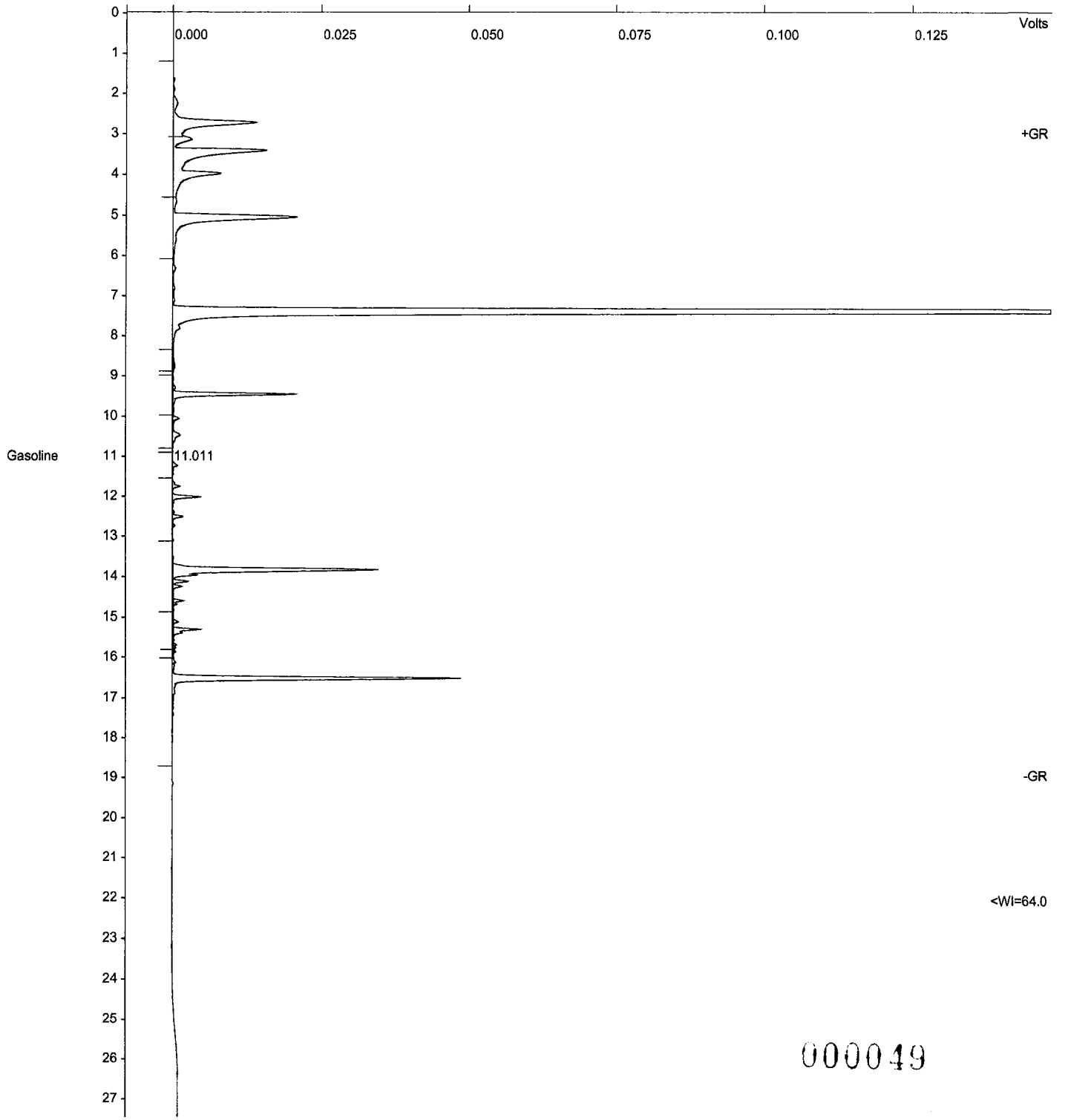
Injection Date: 12/4/2002 10:20 PM Calculation Date: 12/4/2002 10:47 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000049

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1027.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-039-5.0

Injection Date: 12/4/2002 10:20 PM Calculation Date: 12/4/2002 10:47 PM

Operator : LT Detector Type: 3800 (10 Volts)
Workstation: Bus Address : 44
Instrument : Varian Star #1 Sample Rate : 10.00 Hz
Channel : Middle = FID Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2834	11.011	0.001	3472443	GR	0.0	
	Totals:	0.2834		0.001	3472443			

Total Unidentified Counts : 170365 counts

Detected Peaks: 13 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 16 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1027.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-039-5.0

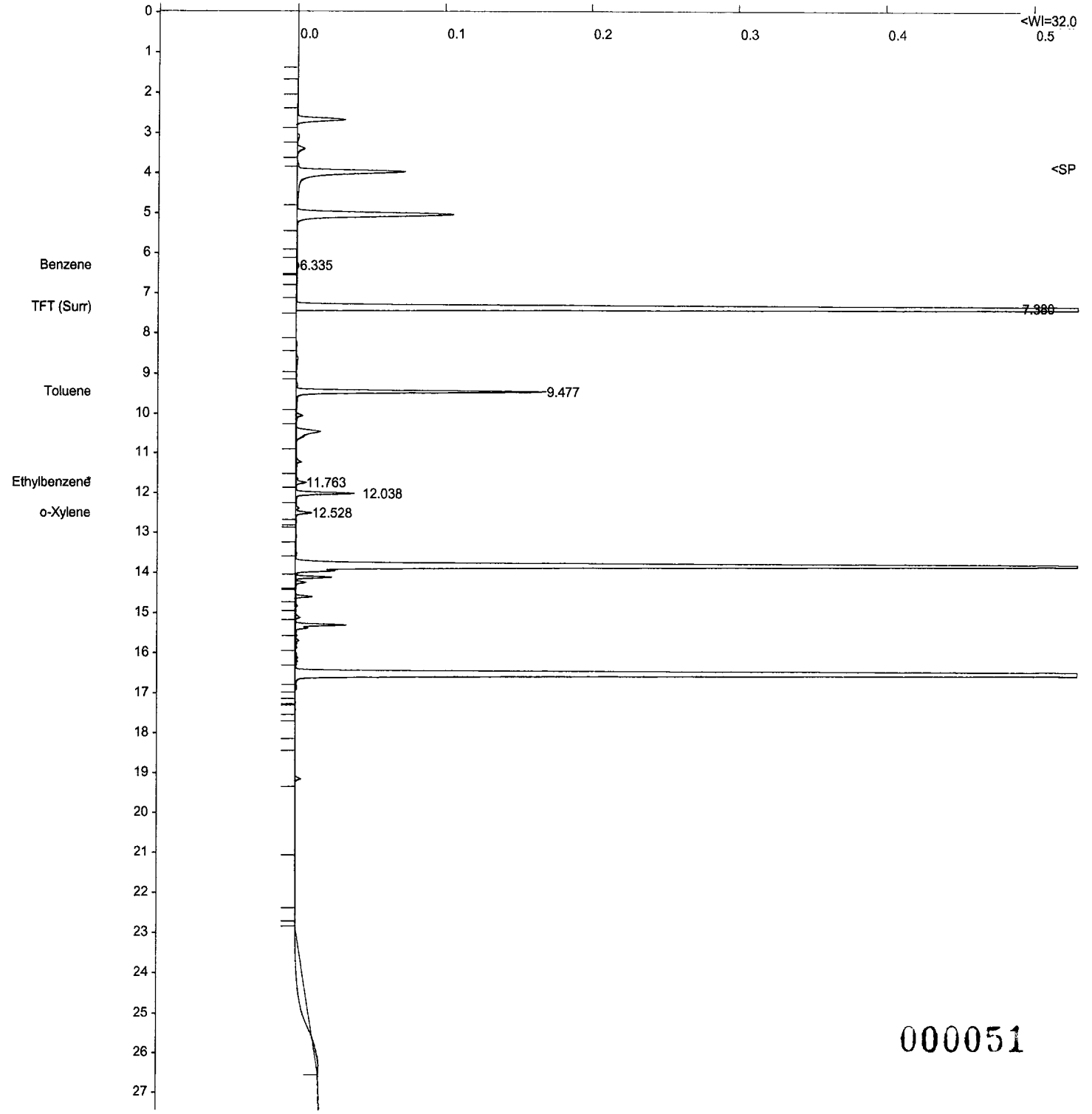
Injection Date: 12/4/2002 10:20 PM Calculation Date: 12/4/2002 10:47 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000051

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1027.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-039-5.0

Injection Date: 12/4/2002 10:20 PM Calculation Date: 12/4/2002 10:47 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.335	0.064	7675	TF	0.0	C*
2	TFT (Surr)	0.1937	7.380	0.039	5542988	VB	5.2	
3	Toluene	no result	9.477	0.040	766473	VV	4.1	C*
4	Ethylbenzene	no result	11.763	-0.005	26201	TF	0.0	C*
5	p,m-Xylene	no result	12.038	0.001	157676	VV	3.9	C*
6	o-Xylene	no result	12.528	0.003	62734	VV	3.8	C*
	Totals:	0.1937		0.142	6563747			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 12339347 counts

Detected Peaks: 48 Rejected Peaks: 10 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -58 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1028.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-040-5.0

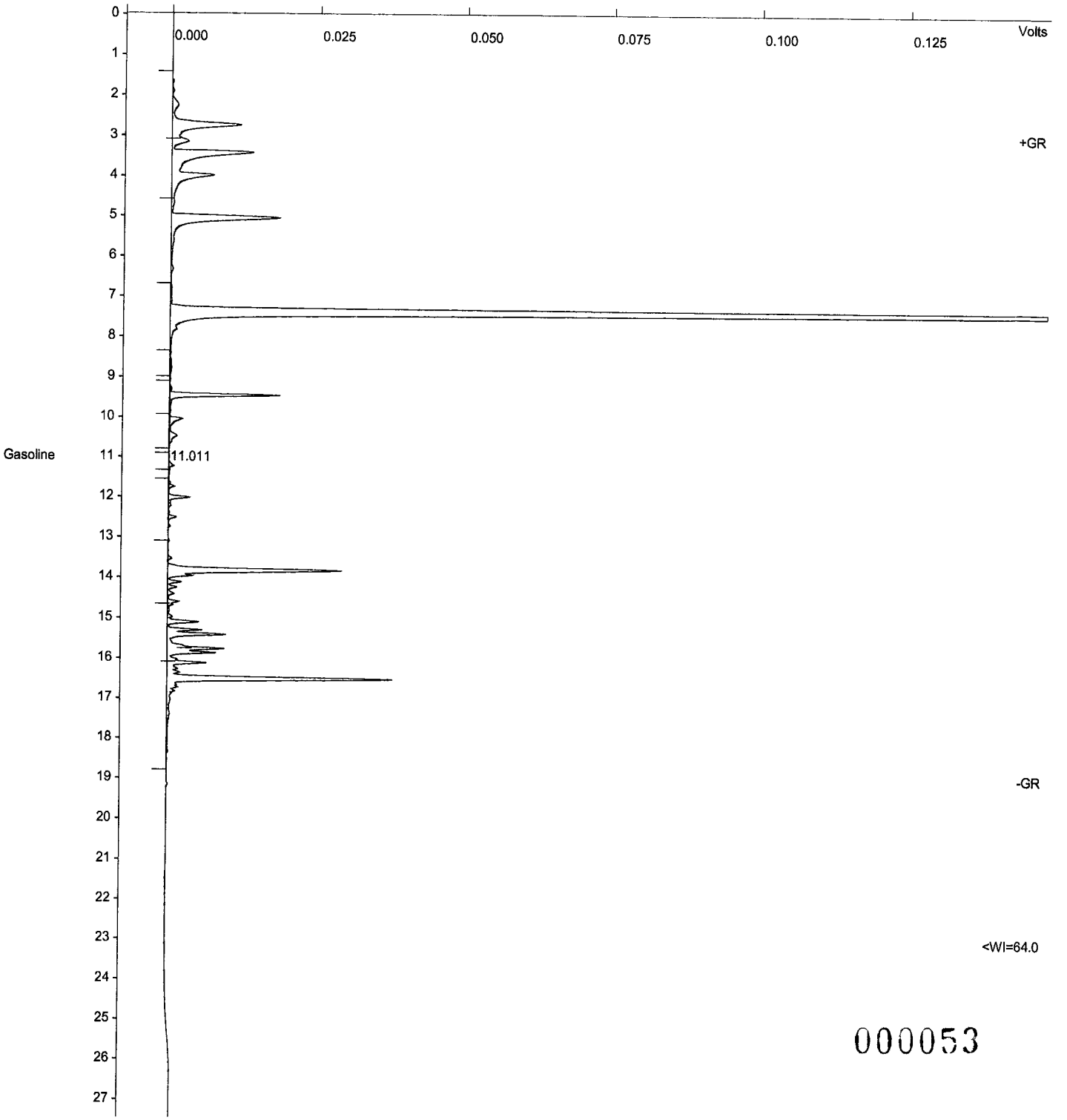
Injection Date: 12/4/2002 10:55 PM Calculation Date: 12/4/2002 11:23 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000053

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1028.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-040-5.0

Injection Date: 12/4/2002 10:55 PM Calculation Date: 12/4/2002 11:23 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2827	11.011	0.001	3456477	GR	0.0	
	Totals:	0.2827		0.001	3456477			

Total Unidentified Counts : 152087 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 15 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1028.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-040-5.0

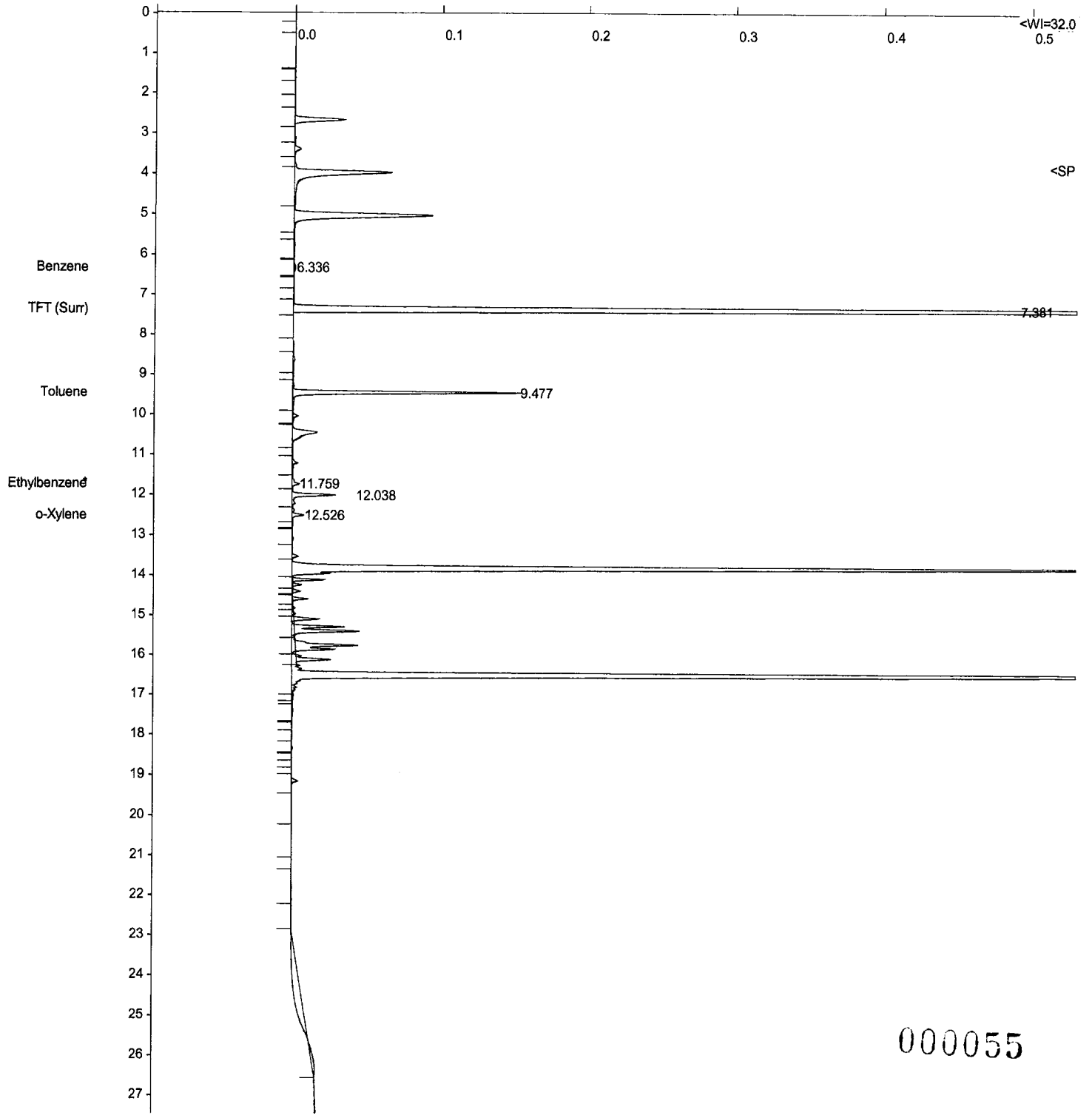
Injection Date: 12/4/2002 10:55 PM Calculation Date: 12/4/2002 11:23 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000055

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1028.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-040-5.0

Injection Date: 12/4/2002 10:55 PM Calculation Date: 12/4/2002 11:23 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.336	0.065	6436	TS	0.0	C*
2	TFT (Surr)	0.1825	7.381	0.040	5224711	VB	5.4	
3	Toluene	no result	9.477	0.040	663688	VV	4.1	C*
4	Ethylbenzene	no result	11.759	-0.009	27290	VV	4.2	C*
5	p,m-Xylene	no result	12.038	0.001	127132	VV	3.9	C*
6	o-Xylene	no result	12.526	0.002	39999	VV	3.8	C*
	Totals:	0.1825		0.139	6089256			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 11115392 counts

Detected Peaks: 56 Rejected Peaks: 12 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -79 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1029.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-041-5.0

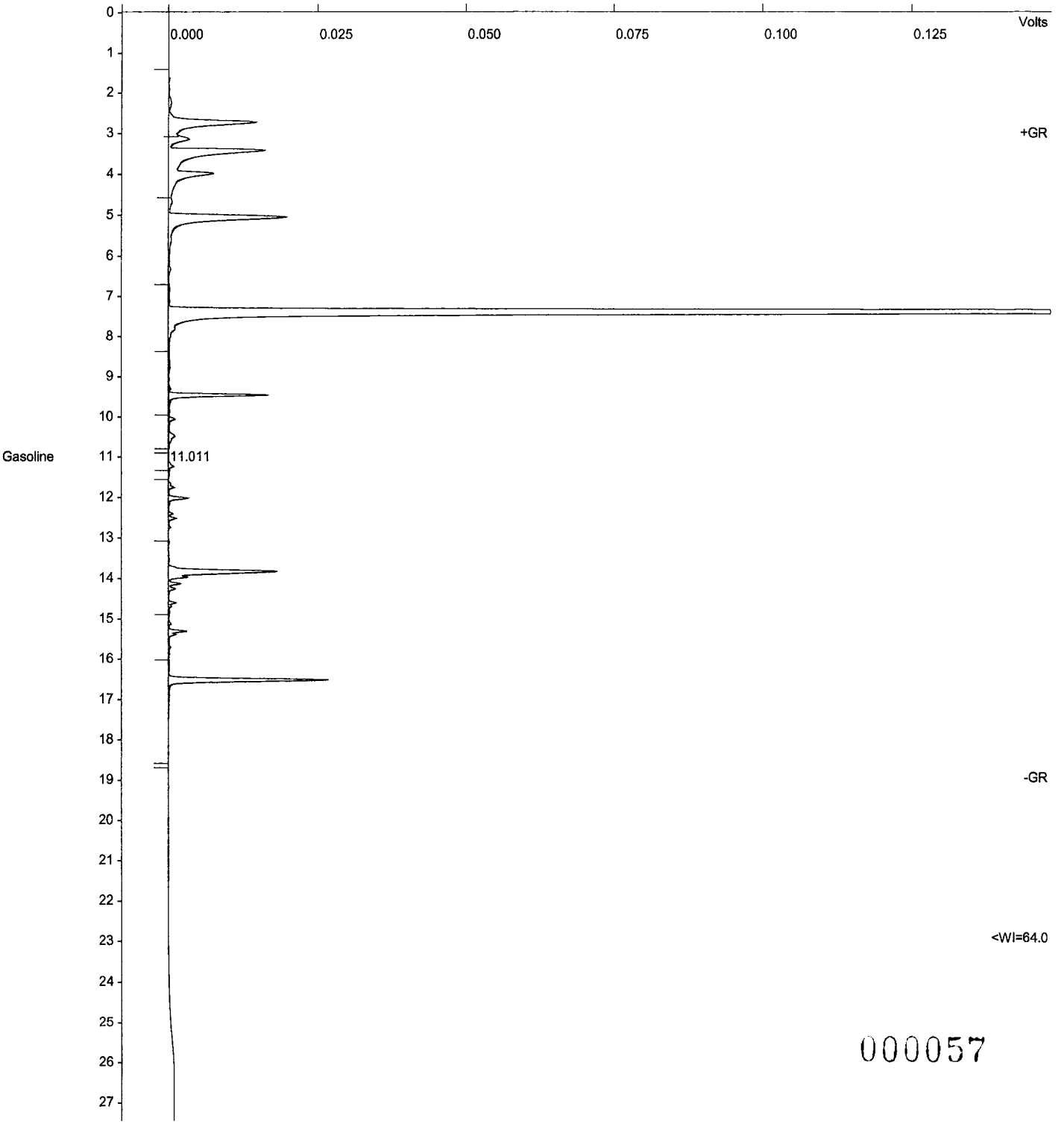
Injection Date: 12/4/2002 11:30 PM Calculation Date: 12/4/2002 11:58 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000057

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1029.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-041-5.0

Injection Date: 12/4/2002 11:30 PM Calculation Date: 12/4/2002 11:58 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2712	11.011	0.001	3184378	GR	0.0	
	Totals:	0.2712		0.001	3184378			

Total Unidentified Counts : 169077 counts

Detected Peaks: 12 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 19 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1029.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-041-5.0

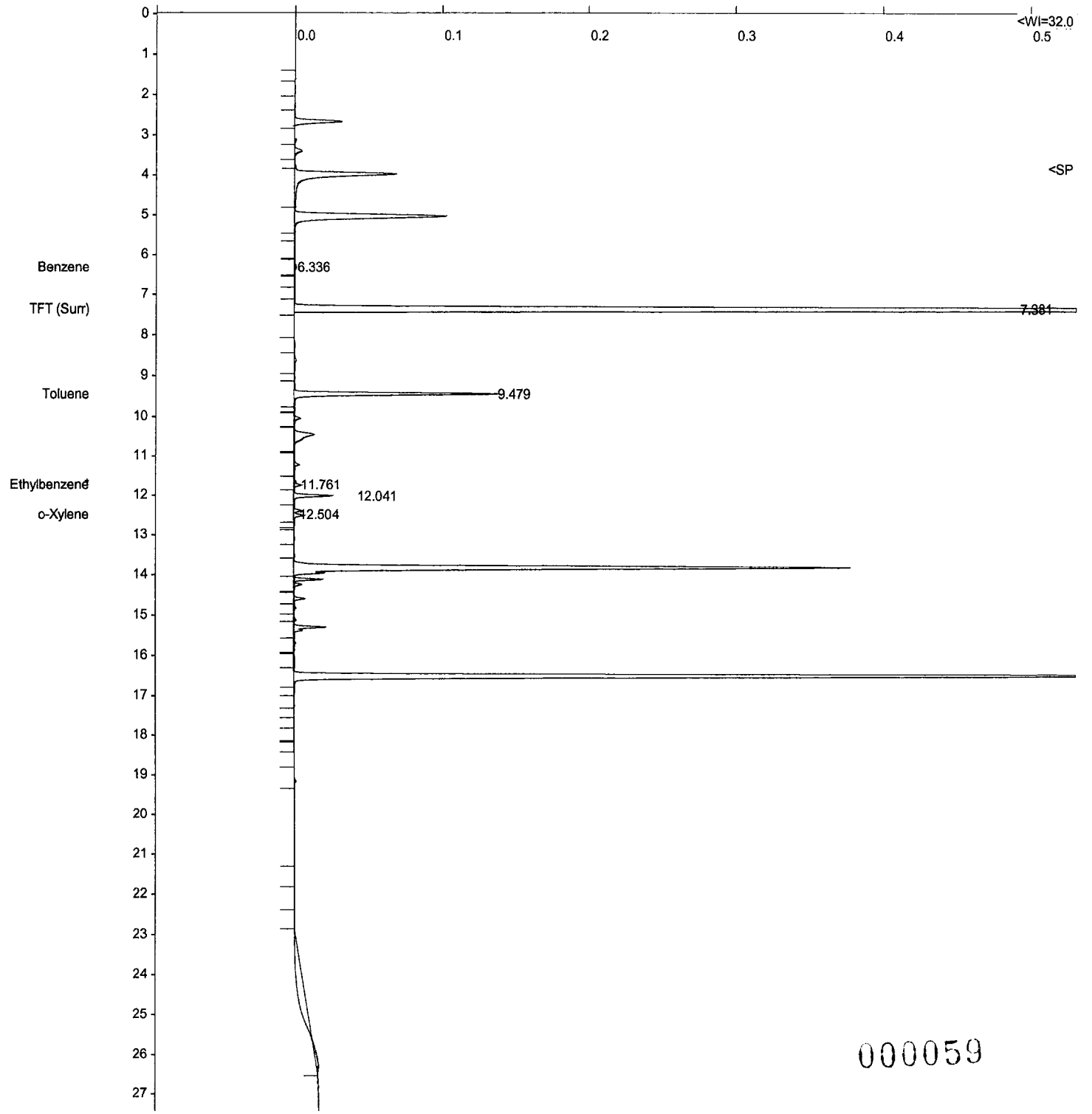
Injection Date: 12/4/2002 11:30 PM Calculation Date: 12/4/2002 11:58 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000059

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-4-2002-1029.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-041-5.0

Injection Date: 12/4/2002 11:30 PM Calculation Date: 12/4/2002 11:58 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID
Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.336	0.065	6013	TS	0.0	C*
2	TFT (Surr)	0.1950	7.381	0.040	5582400	VB	5.3	
3	Toluene	no result	9.479	0.042	649846	VV	4.2	C*
4	Ethylbenzene	no result	11.761	-0.007	20859	TF	0.0	C*
5	p,m-Xylene	no result	12.041	0.004	104325	VV	3.9	C*
6	o-Xylene	no result	12.504	-0.021	52546	VV	4.1	C*
	Totals:	0.1950		0.123	6415989			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 7588555 counts

Detected Peaks: 49 Rejected Peaks: 12 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -65 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-042-5.0

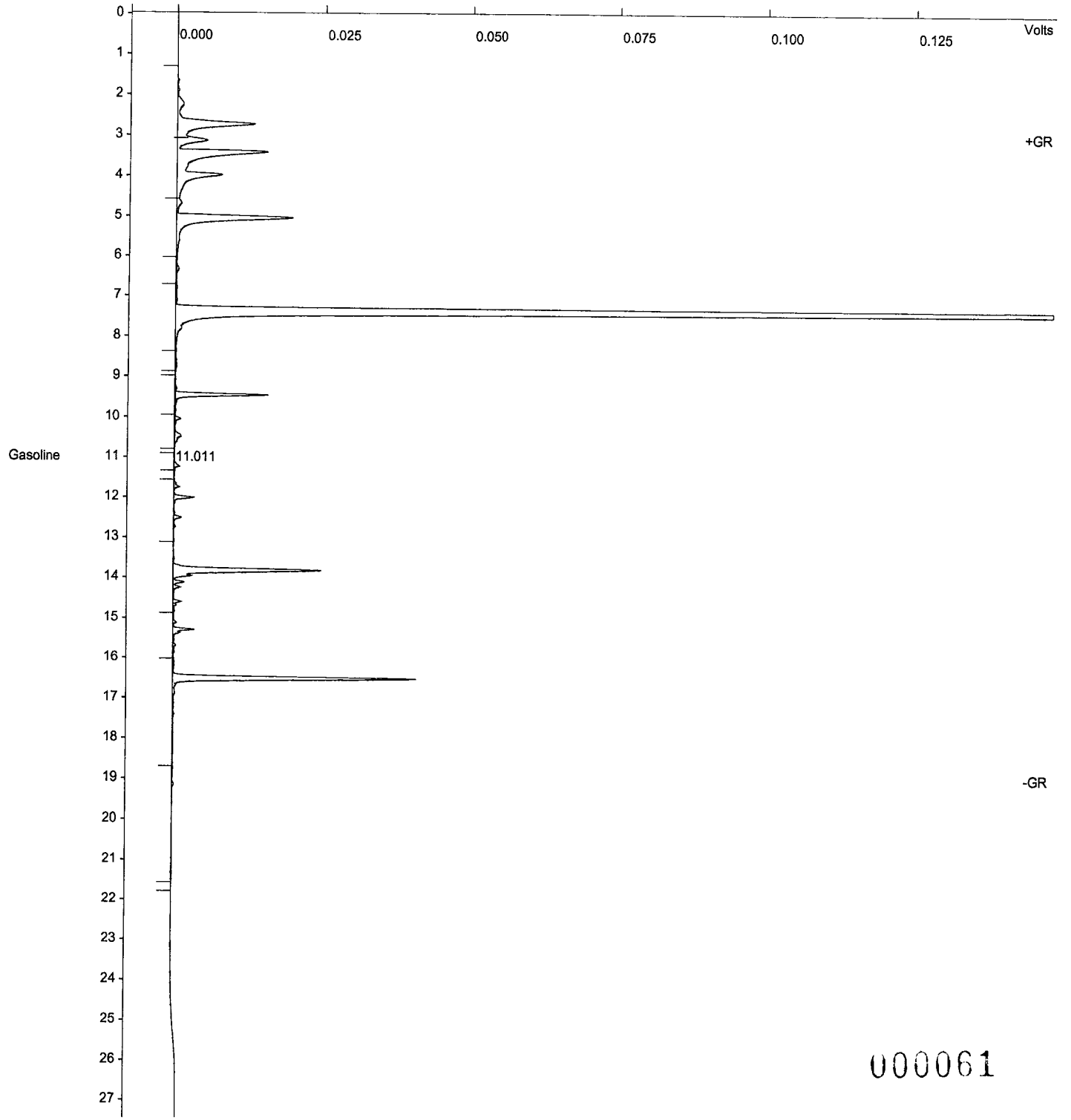
Injection Date: 12/5/2002 12:05 AM Calculation Date: 12/5/2002 12:33 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-042-5.0

Injection Date: 12/5/2002 12:05 AM Calculation Date: 12/5/2002 12:33 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2754	11.011	0.001	3282137	GR	0.0	
	Totals:	0.2754		0.001	3282137			

Total Unidentified Counts : 178373 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 16 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-042-5.0

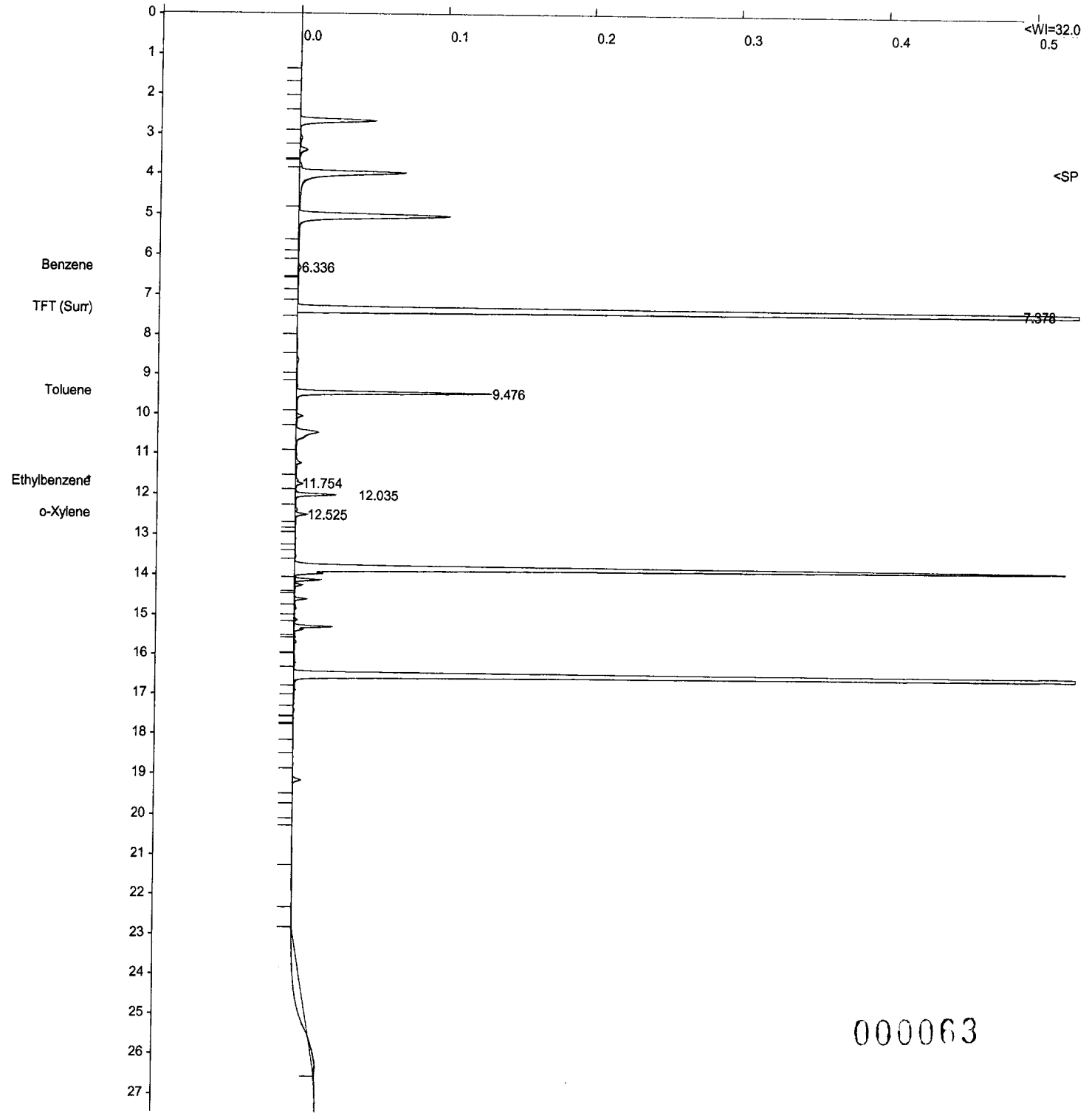
Injection Date: 12/5/2002 12:05 AM Calculation Date: 12/5/2002 12:33 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000063

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-042-5.0

Injection Date: 12/5/2002 12:05 AM Calculation Date: 12/5/2002 12:33 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.336	0.065	9899	TS	0.0	C*
2	TFT (Surr)	0.1931	7.378	0.037	5526299	VB	5.3	
3	Toluene	no result	9.476	0.039	590140	VV	4.2	C*
4	Ethylbenzene	no result	11.754	-0.014	27902	VV	4.4	C*
5	p,m-Xylene	no result	12.035	-0.002	110284	VV	3.9	C*
6	o-Xylene	no result	12.525	0.000	41041	VV	3.8	C*
	Totals:	0.1931		0.125	6305565			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 10412757 counts

Detected Peaks: 52 Rejected Peaks: 8 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -77 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1001.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-043-5.0

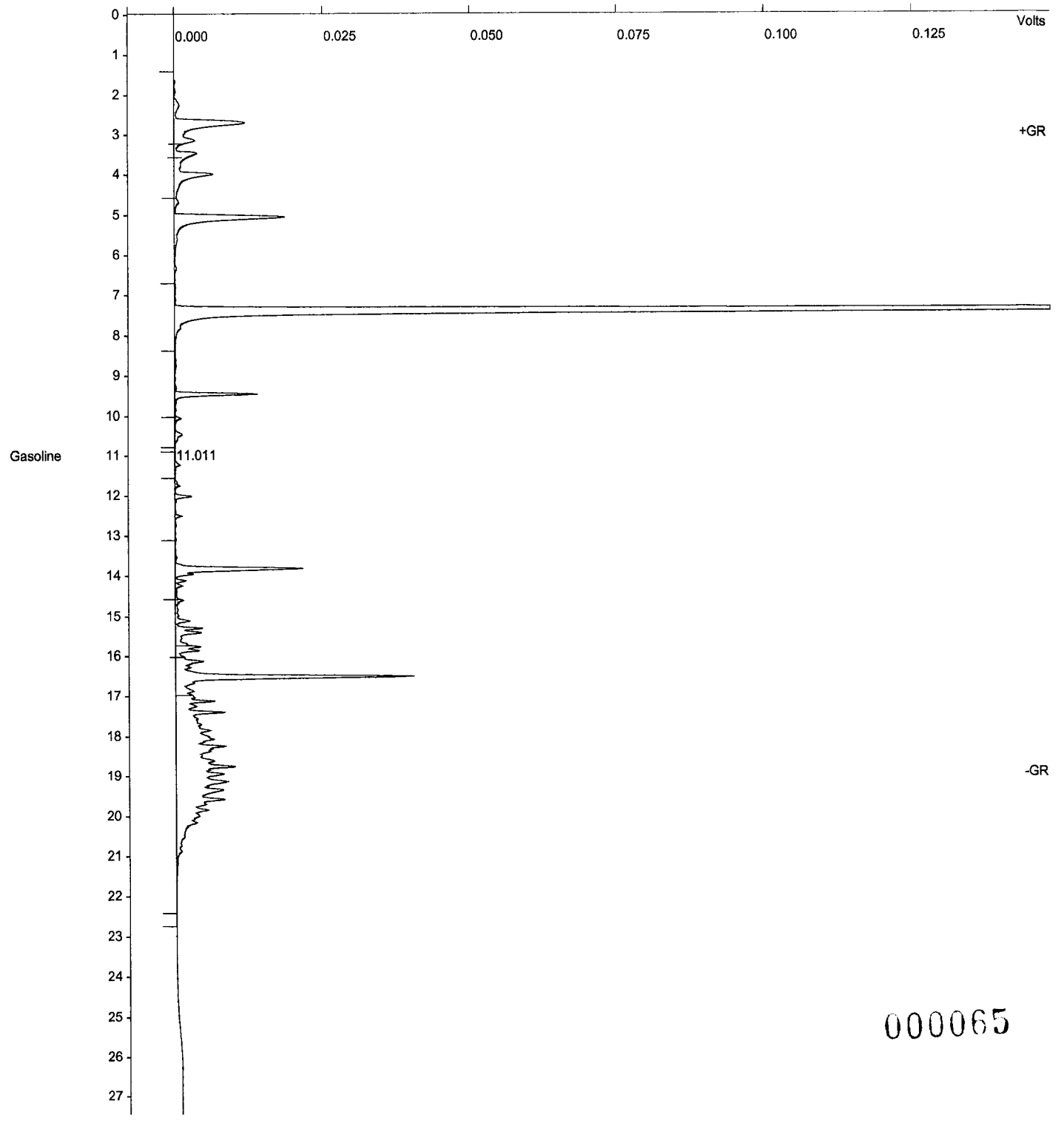
Injection Date: 12/5/2002 12:40 AM Calculation Date: 12/5/2002 1:08 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000065

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1001.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-043-5.0

Injection Date: 12/5/2002 12:40 AM Calculation Date: 12/5/2002 1:08 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3171	11.011	0.001	4268674	GR	0.0	
	Totals:	0.3171		0.001	4268674			

Total Unidentified Counts : 197698 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 15 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1001.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-043-5.0

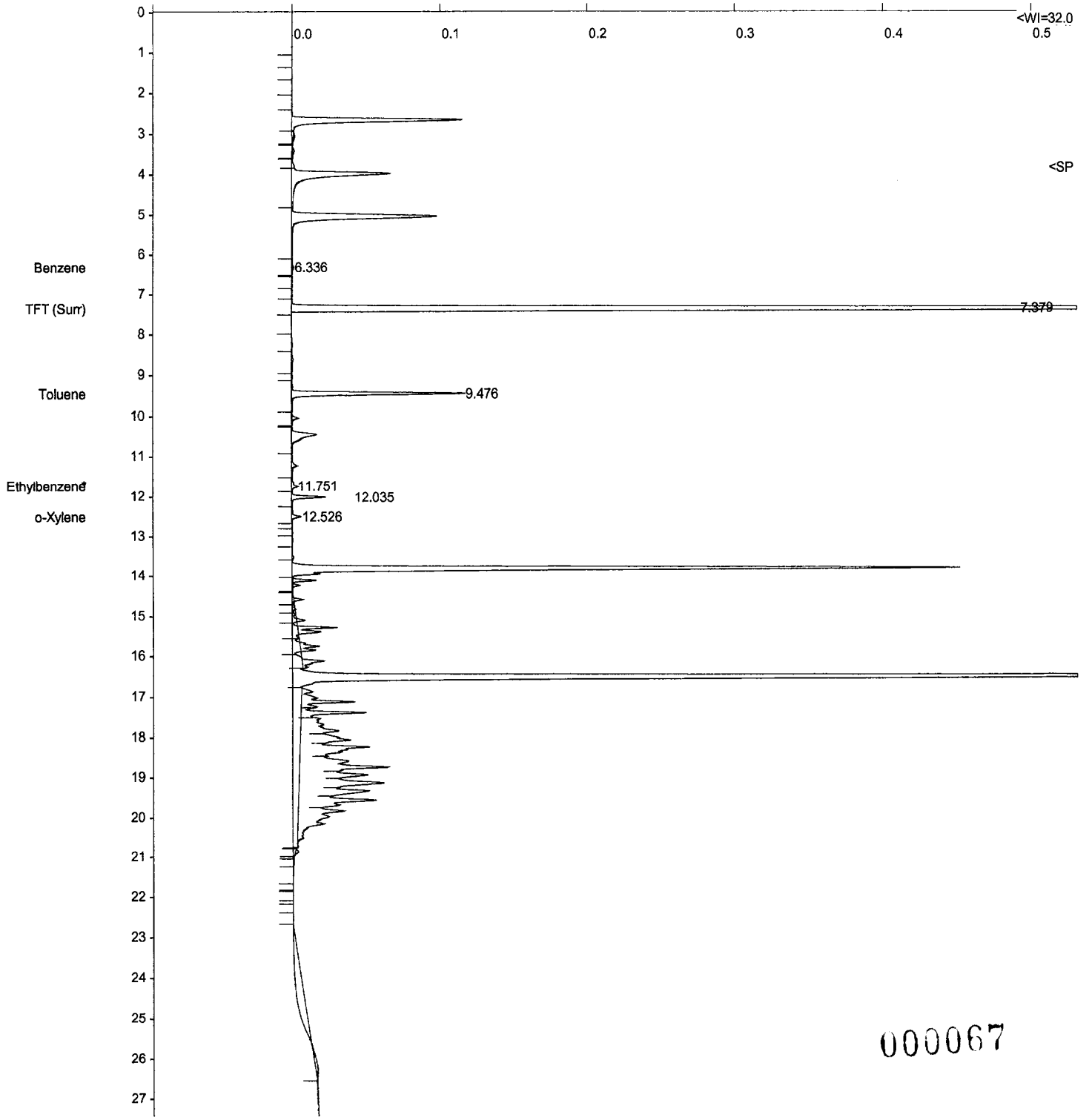
Injection Date: 12/5/2002 12:40 AM Calculation Date: 12/5/2002 1:08 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000067

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1002.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0gms

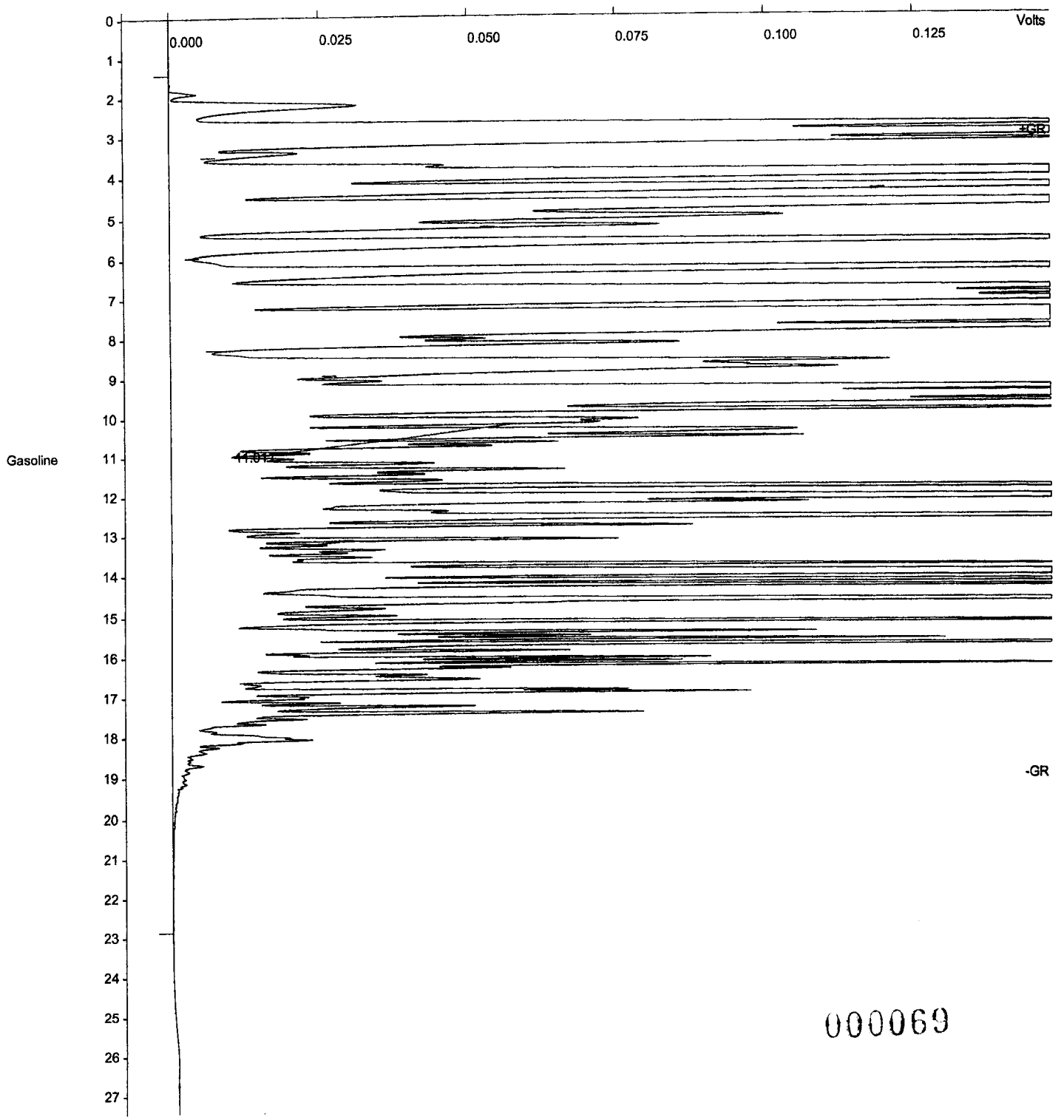
Injection Date: 12/5/2002 1:15 AM Calculation Date: 12/5/2002 1:43 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000069

Print Date: Thu Dec 05 01:43:21 2002

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1002.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0gms

Injection Date: 12/5/2002 1:15 AM Calculation Date: 12/5/2002 1:43 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	3.8708	11.011	0.001	88334896	GR	0.0	
	Totals:	3.8708		0.001	88334896			

Total Unidentified Counts : 7484591 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 0 microVolts

Noise (used): 14 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1002.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0gms

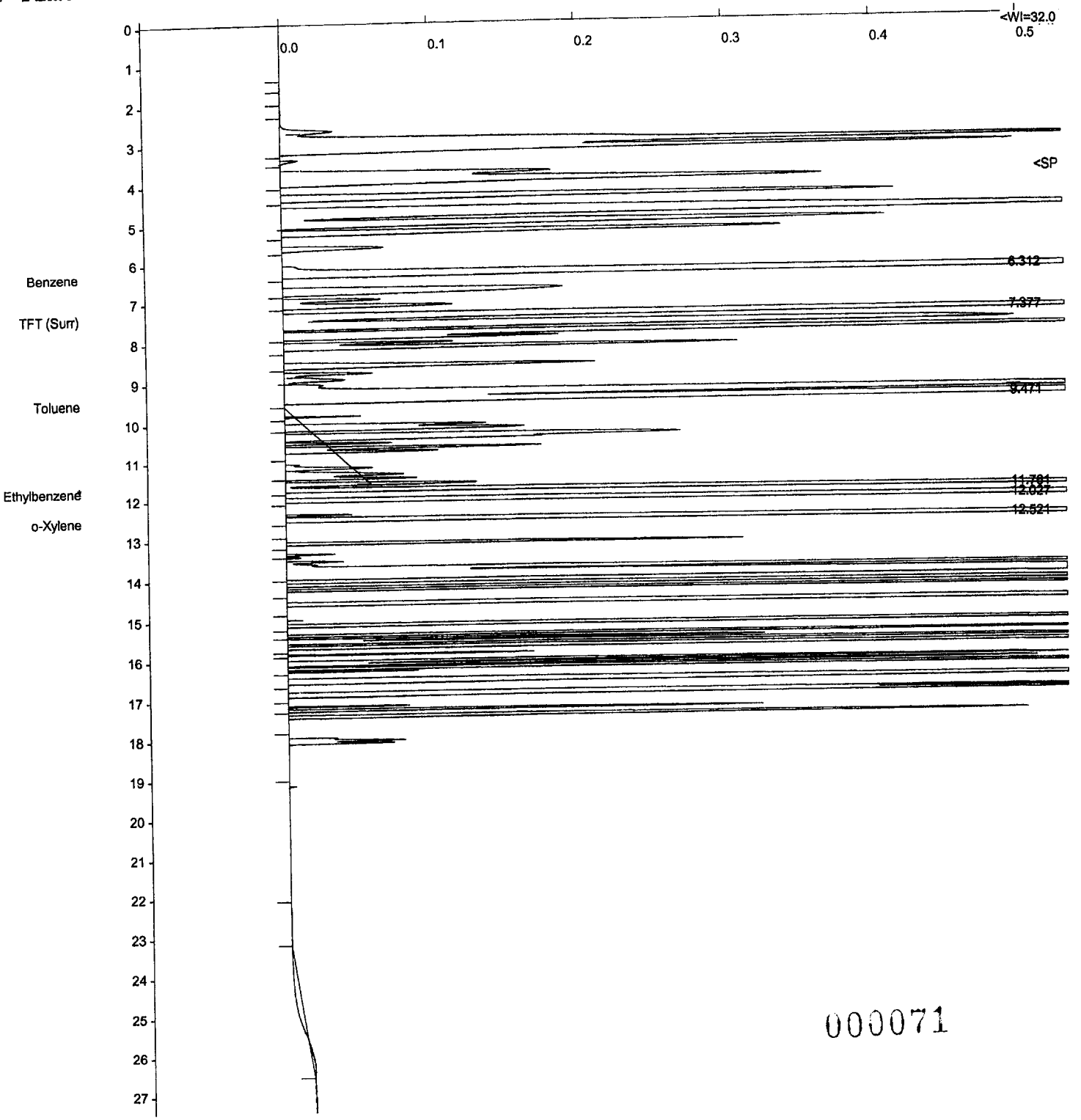
Injection Date: 12/5/2002 1:15 AM Calculation Date: 12/5/2002 1:43 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000071

Print Date: Thu Dec 05 01:43:23 2002

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1002.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0gms

Injection Date: 12/5/2002 1:15 AM Calculation Date: 12/5/2002 1:43 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0773	6.312	0.041	11510524	VV	6.0	
2	TFT (Surr)	0.2463	7.377	0.036	7048129	VV	5.2	
3	Toluene	0.2565	9.471	0.034	47665136	VV	4.1	C
4	Ethylbenzene	0.0678	11.761	-0.007	11186617	VV	3.7	
5	p,m-Xylene	0.2179	12.027	-0.010	38542364	VV	3.7	C
6	o-Xylene	0.0999	12.521	-0.004	15529526	VB	3.4	
	Totals:	0.9657		0.090	131482296			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 140190080 counts

Detected Peaks: 56 Rejected Peaks: 1 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -57 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1003.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0gmsd

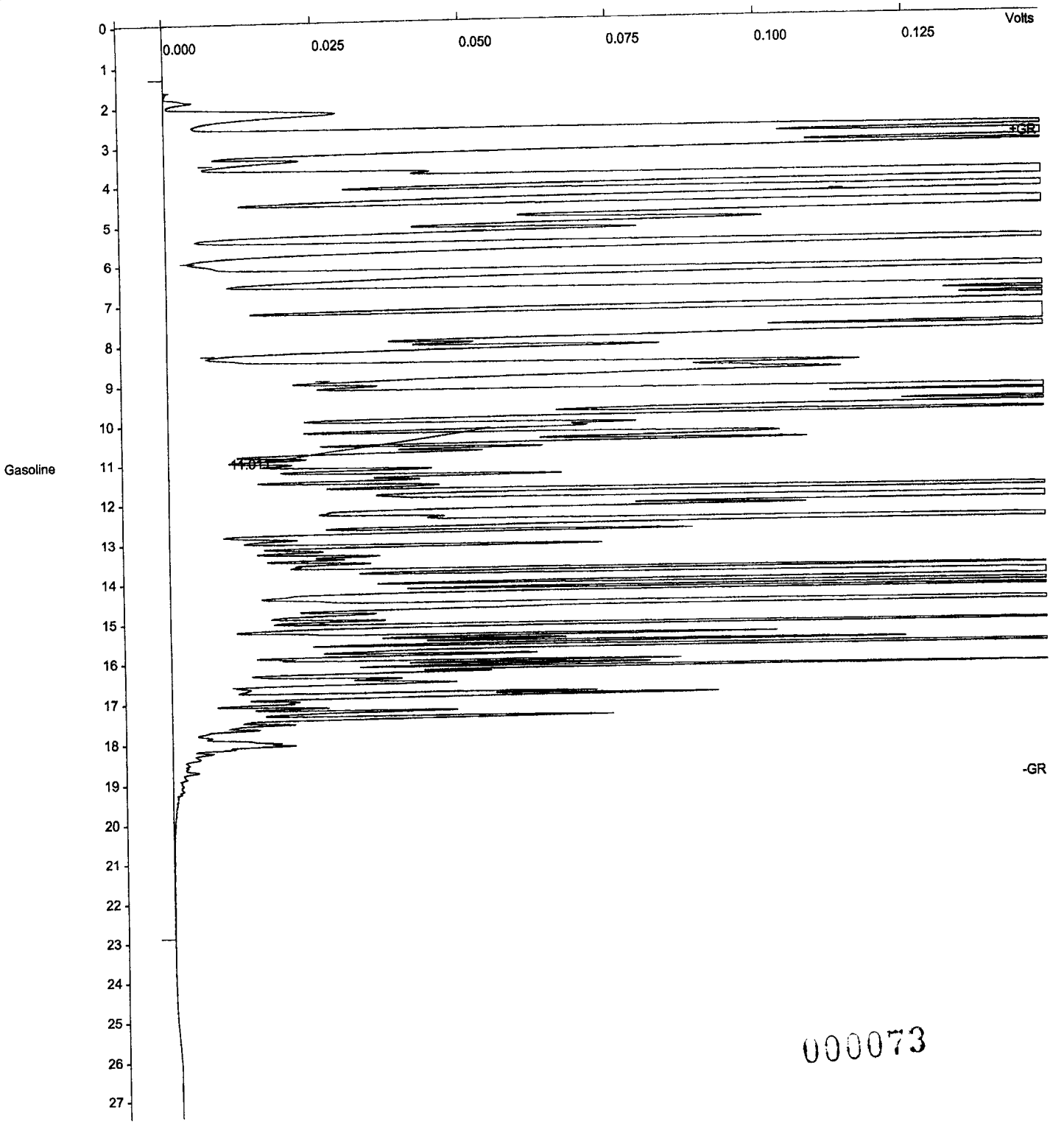
Injection Date: 12/5/2002 1:51 AM Calculation Date: 12/5/2002 2:18 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000073

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1003.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0gmsd

Injection Date: 12/5/2002 1:51 AM Calculation Date: 12/5/2002 2:18 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	3.7588	11.011	0.001	85683712	GR	0.0	
	Totals:	3.7588		0.001	85683712			

Total Unidentified Counts : 7337438 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 9 microVolts

Noise (used): 13 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : C:\star\module44\dec02\g14-12-5-2002-1003.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0gmsd

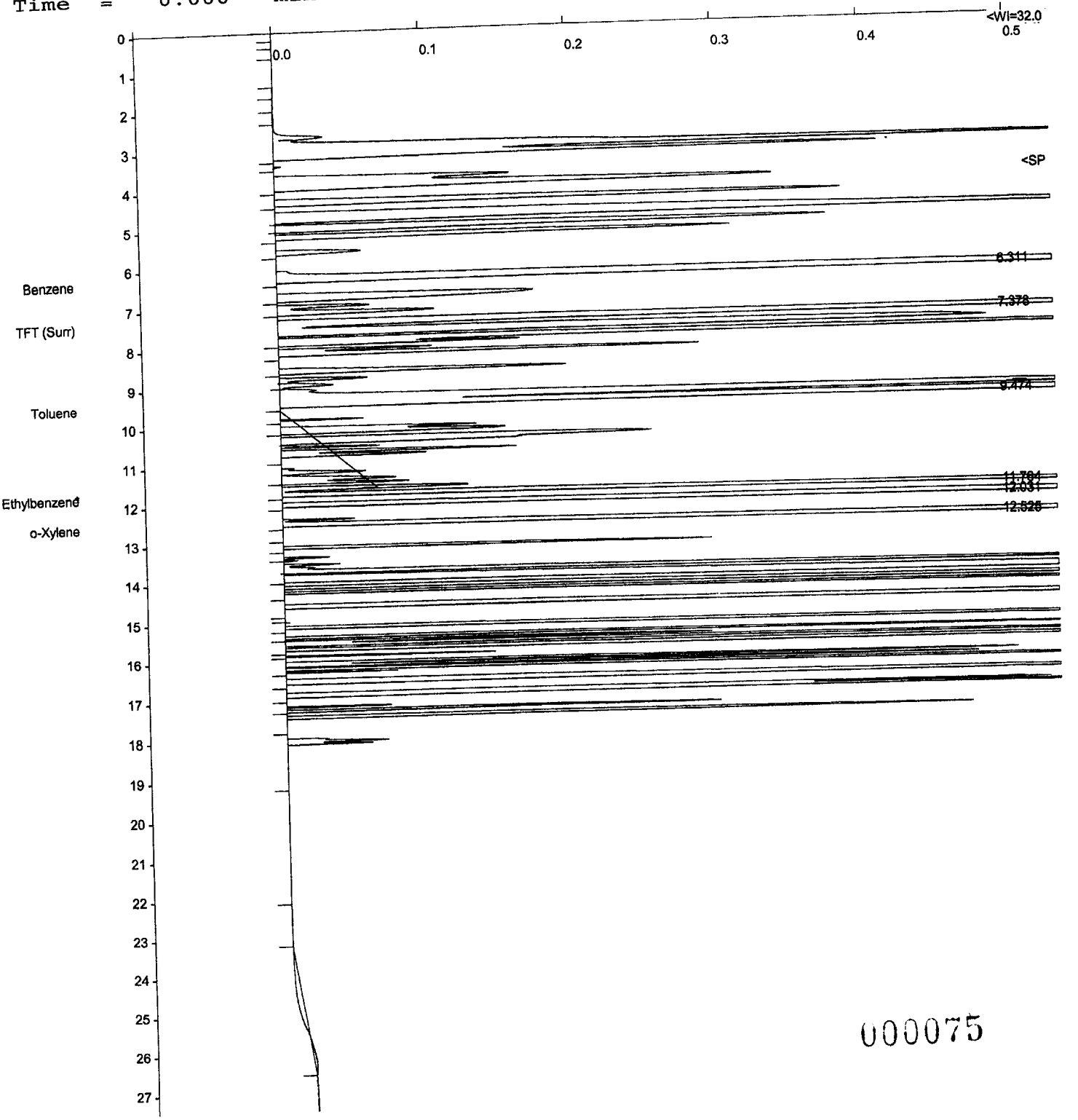
Injection Date: 12/5/2002 1:51 AM Calculation Date: 12/5/2002 2:18 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000075

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1003.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102992-036-5.0gmsd

Injection Date: 12/5/2002 1:51 AM Calculation Date: 12/5/2002 2:18 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	0.0709	6.311	0.040	10576109	VV	6.0	
2	TFT (Surr)	0.2378	7.378	0.036	6807107	VV	5.2	
3	Toluene	0.2437	9.474	0.037	45327260	VV	4.0	C
4	Ethylbenzene	0.0633	11.764	-0.004	10513868	VV	3.6	
5	p,m-Xylene	0.2066	12.031	-0.006	36603000	VV	3.7	C
6	o-Xylene	0.0939	12.525	0.000	14660864	VB	3.5	
	Totals:	0.9162		0.103	124488208			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 128477880 counts

Detected Peaks: 58 Rejected Peaks: 4 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -65 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1004.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-142

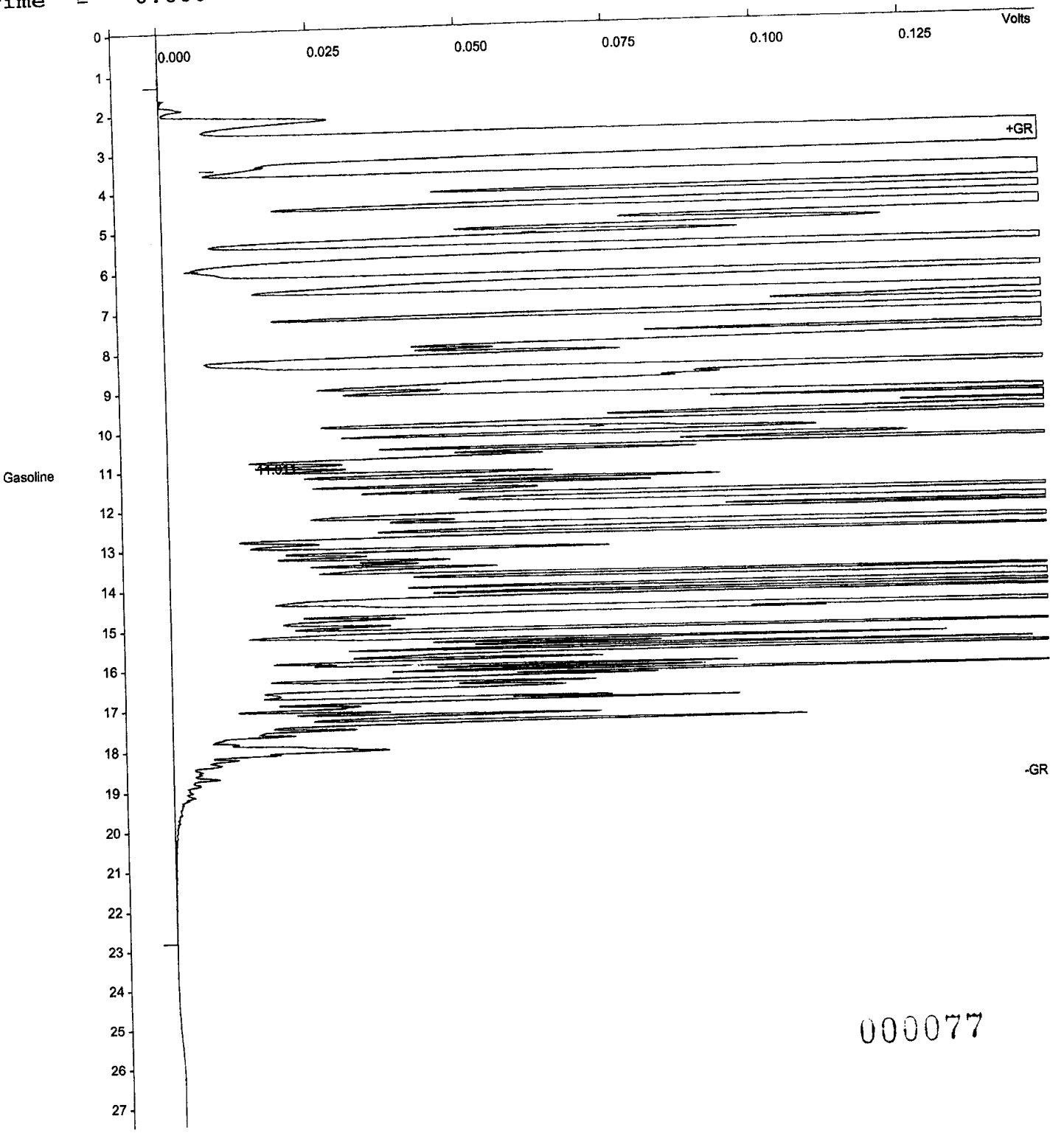
Injection Date: 12/5/2002 2:26 AM Calculation Date: 12/5/2002 2:53 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000077

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1004.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-142

Injection Date: 12/5/2002 2:26 AM Calculation Date: 12/5/2002 2:53 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.3577	11.011	0.001	99851888	GR	0.0	
	Totals:	4.3577		0.001	99851888			

Total Unidentified Counts : 16107104 counts

Detected Peaks: 18 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 11 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1004.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-142

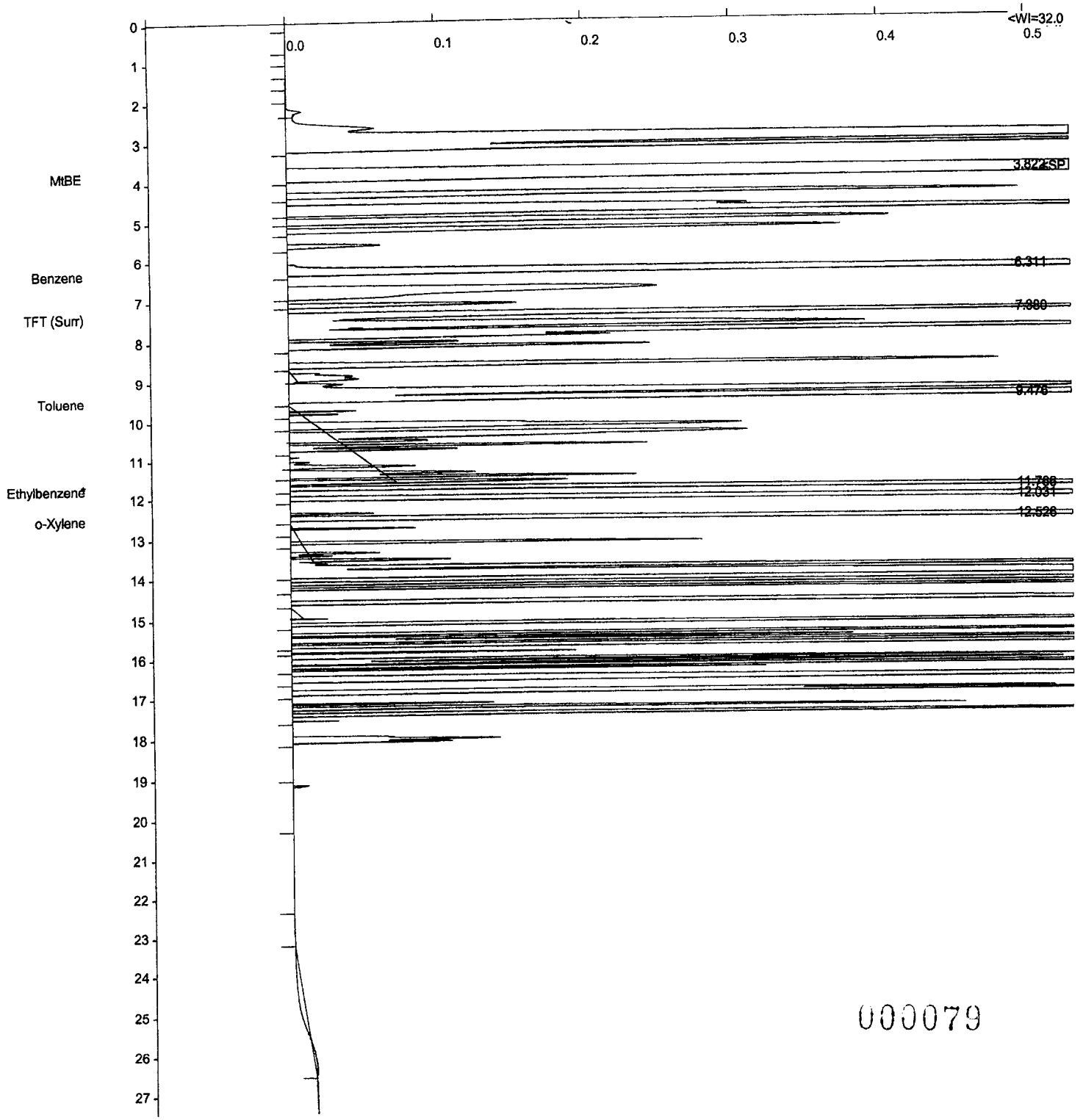
Injection Date: 12/5/2002 2:26 AM Calculation Date: 12/5/2002 2:53 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000079

Print Date: Thu Dec 05 02:53:33 2002

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1004.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-142

Injection Date: 12/5/2002 2:26 AM Calculation Date: 12/5/2002 2:53 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.3389	3.822	0.065	17290178	PV	0.0	C
2	Benzene	0.0667	6.311	0.040	9960396	VV	6.0	
3	TFT (Surr)	0.1388	7.380	0.039	3971507	VV	5.7	
4	Toluene	0.1912	9.476	0.039	35784096	VV	4.1	
5	Ethylbenzene	0.0604	11.766	-0.002	10084973	VV	3.6	
6	p,m-Xylene	0.1910	12.031	-0.006	33924588	VV	3.5	C
7	o-Xylene	0.0878	12.526	0.001	13767897	VV	3.5	
	Totals:	1.0748		0.176	124783635			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 155540880 counts

Detected Peaks: 57 Rejected Peaks: 4 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -43 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1027.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 103071-037-5.0 R

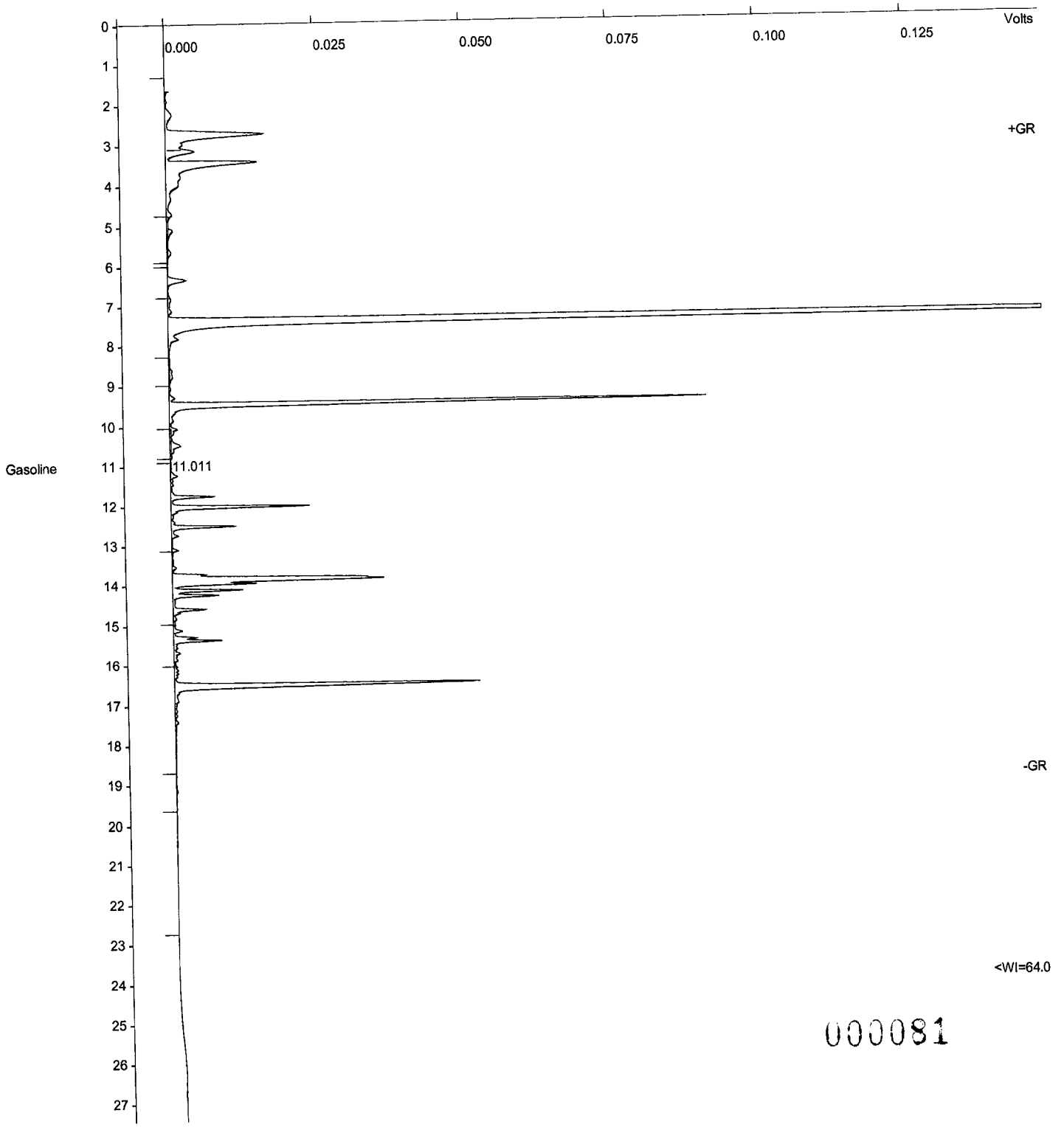
Injection Date: 12/5/2002 4:06 PM Calculation Date: 12/5/2002 4:34 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000081

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1027.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 103071-037-5.0 R

Injection Date: 12/5/2002 4:06 PM Calculation Date: 12/5/2002 4:34 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2945	11.011	0.001	3735052	GR	0.0	
	Totals:	0.2945		0.001	3735052			

Total Unidentified Counts : 222188 counts

Detected Peaks: 13 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 16 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1027.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 103071-037-5.0 R

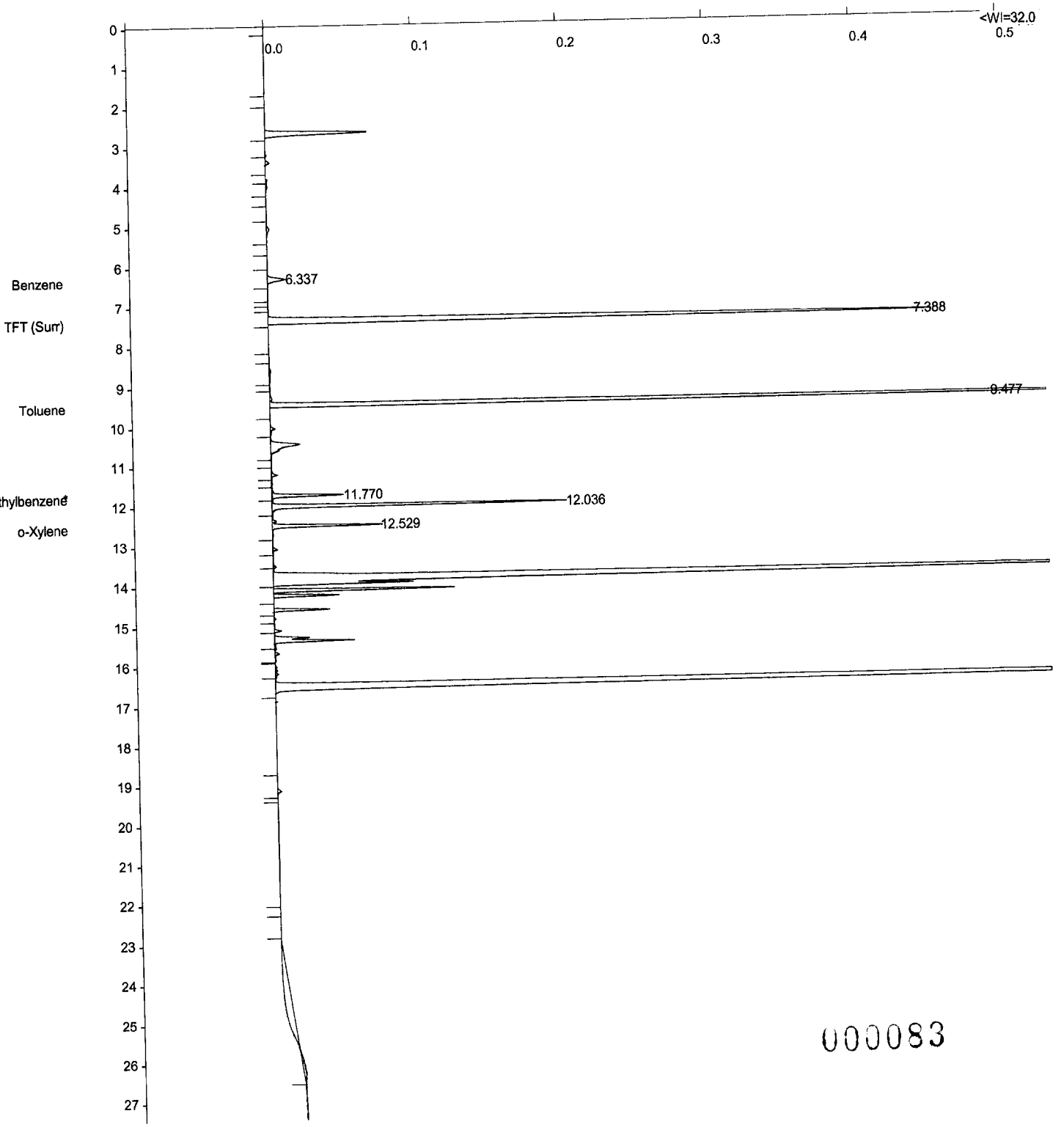
Injection Date: 12/5/2002 4:06 PM Calculation Date: 12/5/2002 4:34 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000083

EPA 8015:

Carbon Chain I

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Varian Star Workstation - 8200 SampleList Thu Dec 05 08:57:22 2002

SampleList: C:\Star\INSTRUMENT 2 - GC 9\DATA - GC 9\dec02\1204.SMP

Created: Wed Dec 04 10:28:07 2002
Modified: Thu Dec 05 08:57:19 2002

****

Line	Sample Name	Rack	Vial	Injection Volume	Multiplier	Divisor
1	dccv-gw144	1	1	3.0	1	1
2	goccv-gw145	1	2	3.0	1	1
3	mb1204-10-10	1	3	3.0	1	1
4	lcs1204-10-10	1	4	3.0	1	1
5	lcsd1204-10-10	1	5	3.0	1	1
6	102992-033-10-10	1	6	3.0	1	1
7	102992-034-10-10	1	7	3.0	1	1
8	102992-035-10-10	1	8	3.0	1	1
9	102992-036-10-10	1	9	3.0	1	1
10	102992-037-10-10	1	10	3.0	1	1
11	102992-038-10-10	1	11	3.0	1	1
12	102992-039-10-10	1	12	3.0	1	1
13	dccv-gw153	1	1	3.0	1	1
14	goccv-gw145	1	2	3.0	1	1
15	102992-040-10-10	2	1	3.0	1	1
16	102992-041-10-10	2	2	3.0	1	1
17	102992-042-10-10	2	3	3.0	1	1
18	102992-043-10-10	2	4	3.0	1	1
19	mb1204-10-10	1	3	3.0	1	1
20	lcs1204-10-10	1	4	3.0	1	1
21	lcsd1204-10-10	1	5	3.0	1	1
22	102995-051-10-10	2	5	3.0	1	1
23	102995-052-10-10	2	6	3.0	1	1
24	102995-053-10-10	2	7	3.0	1	1
25	dccv-gw153	1	1	3.0	1	1
26	goccv-gw145	1	2	3.0	1	1
27	102995-054-10-10	2	8	3.0	1	1
28	102995-055-10-10	2	9	3.0	1	1
29	102995-056-10-10	2	10	3.0	1	1
30	102995-057-10-10	2	11	3.0	1	1
31	102995-058-10-10	2	12	3.0	1	1
32	102995-059-10-10	3	1	3.0	1	1

33	102995-060-10-10	3	2	3.0	1	1

Directory for Data Files: c:\star\instrument 2 - gc 9\data - gc 9\dec02

Data File Names: g9-%d-%i

Create and update a new RecalcList: c:\star\instrument 2 - gc 9\data - gc 9\dec02\1204.rcl.

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

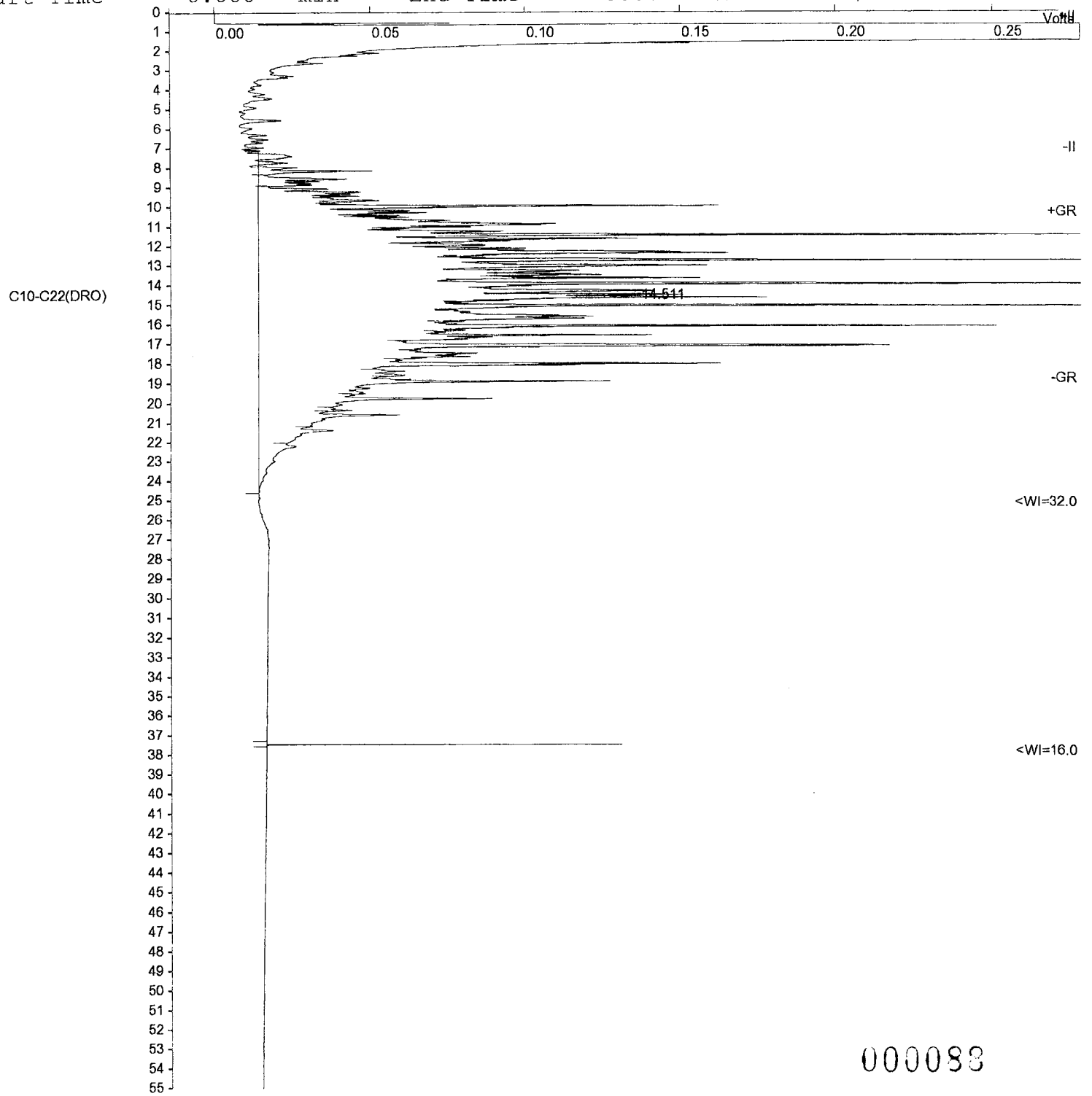
Injection Date: 12/4/02 3:45 AM Calculation Date: 12/4/02 4:40 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000088

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw144

Injection Date: 12/4/02 3:45 AM Calculation Date: 12/4/02 4:40 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	456.8759	8.6	14.511	0.000	38953816	2	
	Group 2		456.8759			0.000	38953816		
	Totals:		456.8759			0.000	38953816		

Total Unidentified Counts : 9943875 counts

Detected Peaks: 31 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 103 microVolts

Noise (used): 162 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

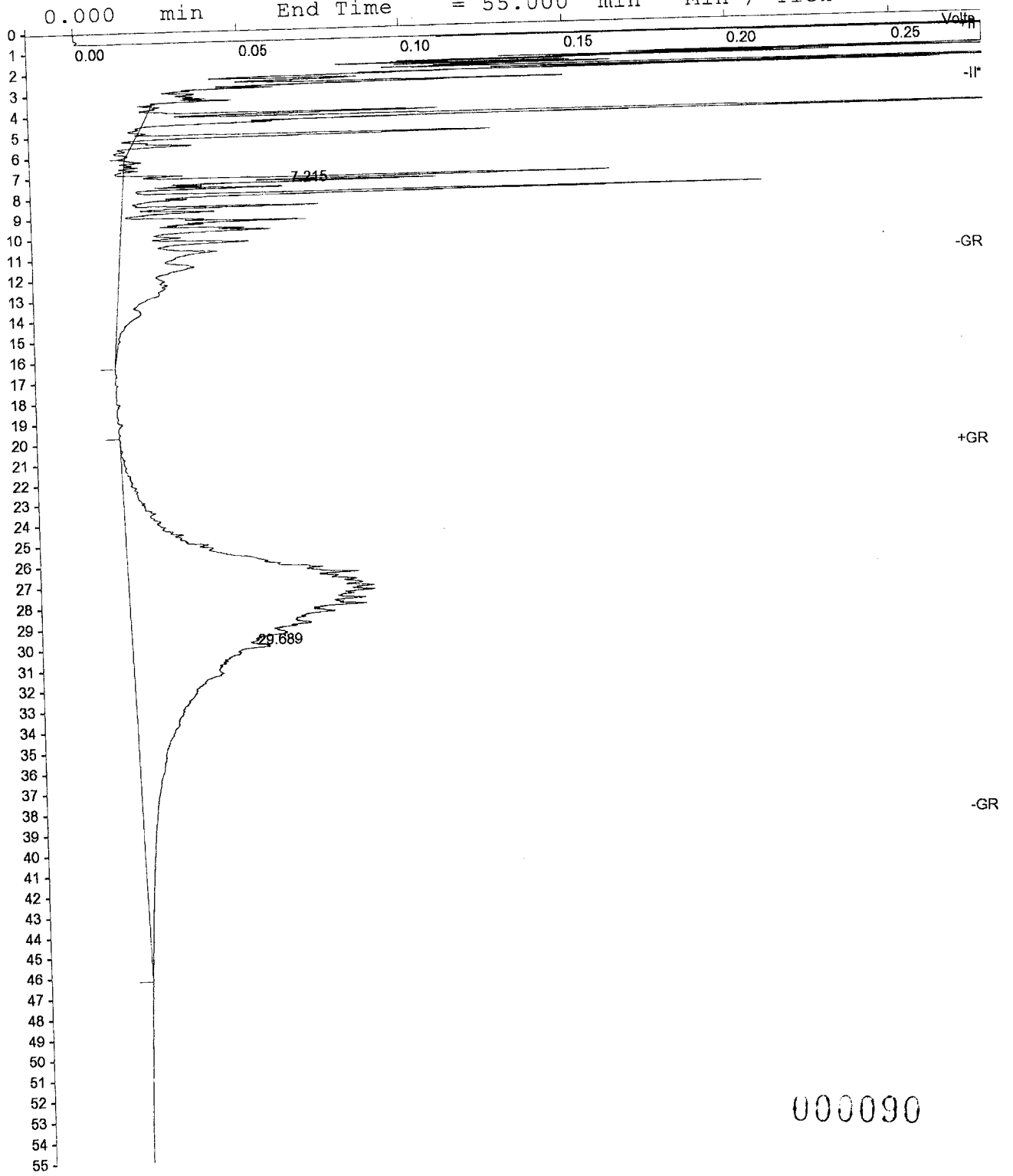
Injection Date: 12/4/02 5:59 AM Calculation Date: 12/4/02 10:44 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000090

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 12/4/02 5:59 AM Calculation Date: 12/4/02 10:44 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	543.5245	7.215	0.001	11923625	GR	0.0	1	
2	C22-C32(ORO)	470.1290	29.689	0.000	25378988	GR	0.0	3	
	Group 1	543.5245		0.001	11923625				
	Group 3	470.1290		0.000	25378988				
	Totals:	1013.6535		0.001	37302613				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 45 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 115 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1006.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1204-10-10

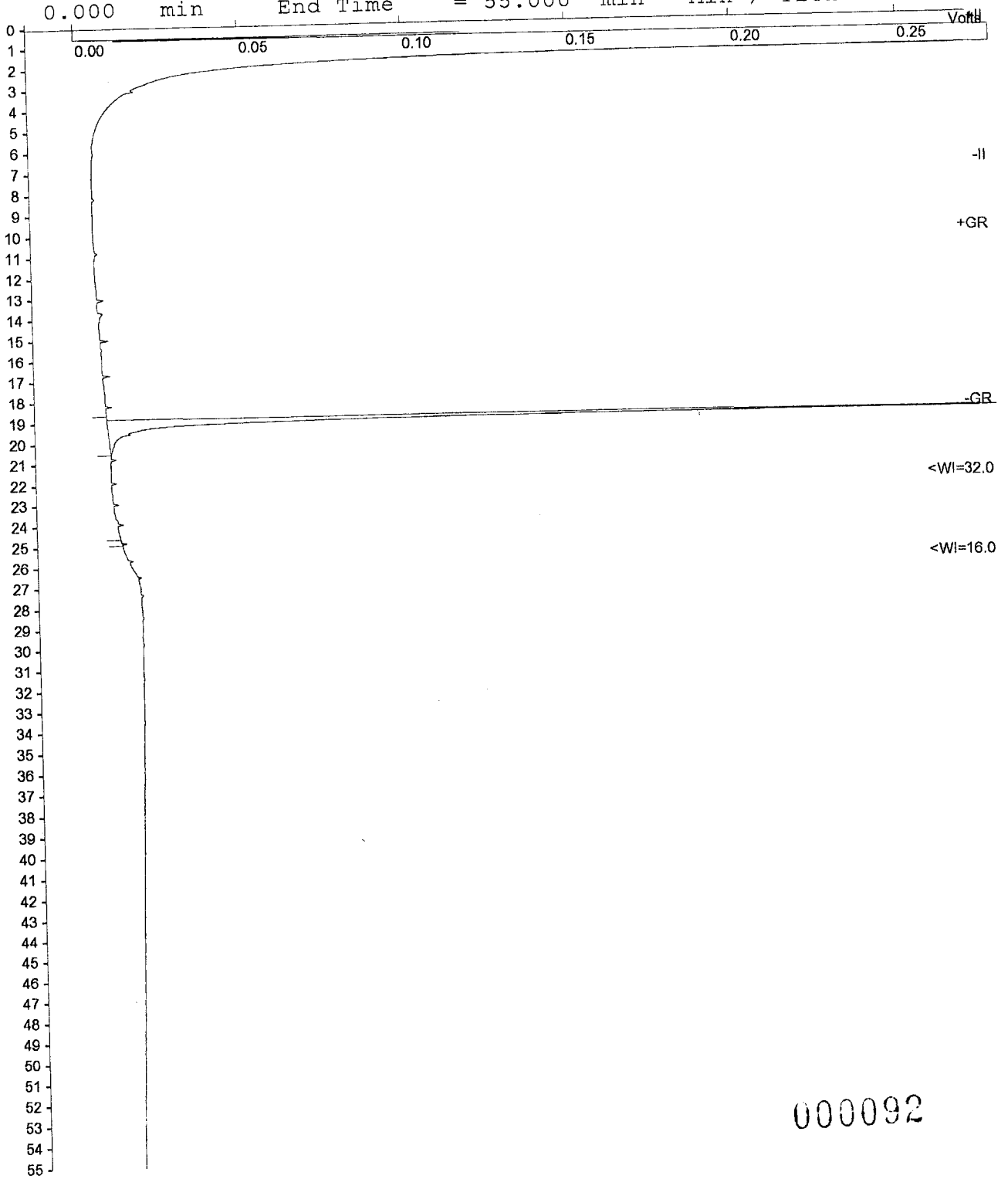
Injection Date: 12/4/02 7:06 AM Calculation Date: 12/4/02 8:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000092

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1006.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1204-10-10

Injection Date: 12/4/02 7:06 AM Calculation Date: 12/4/02 8:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2609700 counts

Detected Peaks: 2 Rejected Peaks: 1 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 18 microVolts

Noise (used): 135 microVolts - monitored before this run

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1006.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : mb1204-10-10

Injection Date: 12/4/02 7:06 AM Calculation Date: 12/5/02 8:25 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	13.4974	18.854	-0.086	2080332	BB	4.6	0	
	Group 0	13.4974		-0.086	2080332				
	Totals:	13.4974		-0.086	2080332				

Total Unidentified Counts : 47447480 counts

Detected Peaks: 5 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 18 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 135 microVolts

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1204-10-10

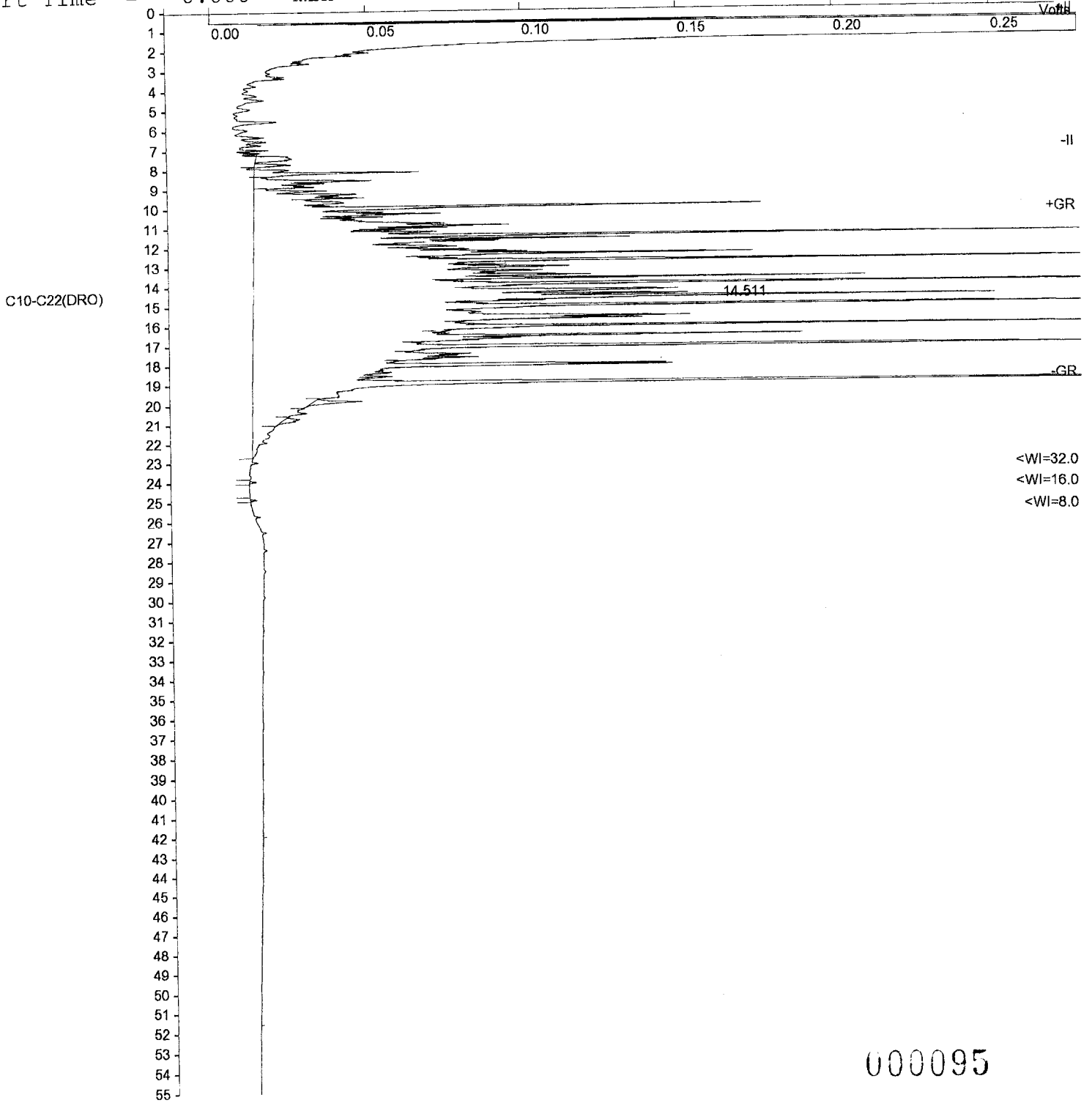
Injection Date: 12/4/02 8:13 AM Calculation Date: 12/4/02 9:08 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1204-10-10

Injection Date: 12/4/02 8:13 AM Calculation Date: 12/4/02 9:08 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	469.2577	14.511	0.000	39997560	GR	0.0	2	
	Group 2	469.2577		0.000	39997560				
	Totals:	469.2577		0.000	39997560				

Total Unidentified Counts : 10515802 counts

Detected Peaks: 26 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -95 microVolts

Noise (used): 147 microVolts - monitored before this run

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Print Date: Thu Dec 05 08:26:10 2002

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1007.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcs1204-10-10

Injection Date: 12/4/02 8:13 AM Calculation Date: 12/5/02 8:25 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.6367	18.826	-0.114	2818740	VB	3.1	0	
	Group 0	18.6367		-0.114	2818740				
	Totals:	18.6367		-0.114	2818740				

Total Unidentified Counts : 61421920 counts

Detected Peaks: 79 Rejected Peaks: 3 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -95 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 147 microVolts

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1204-10-10

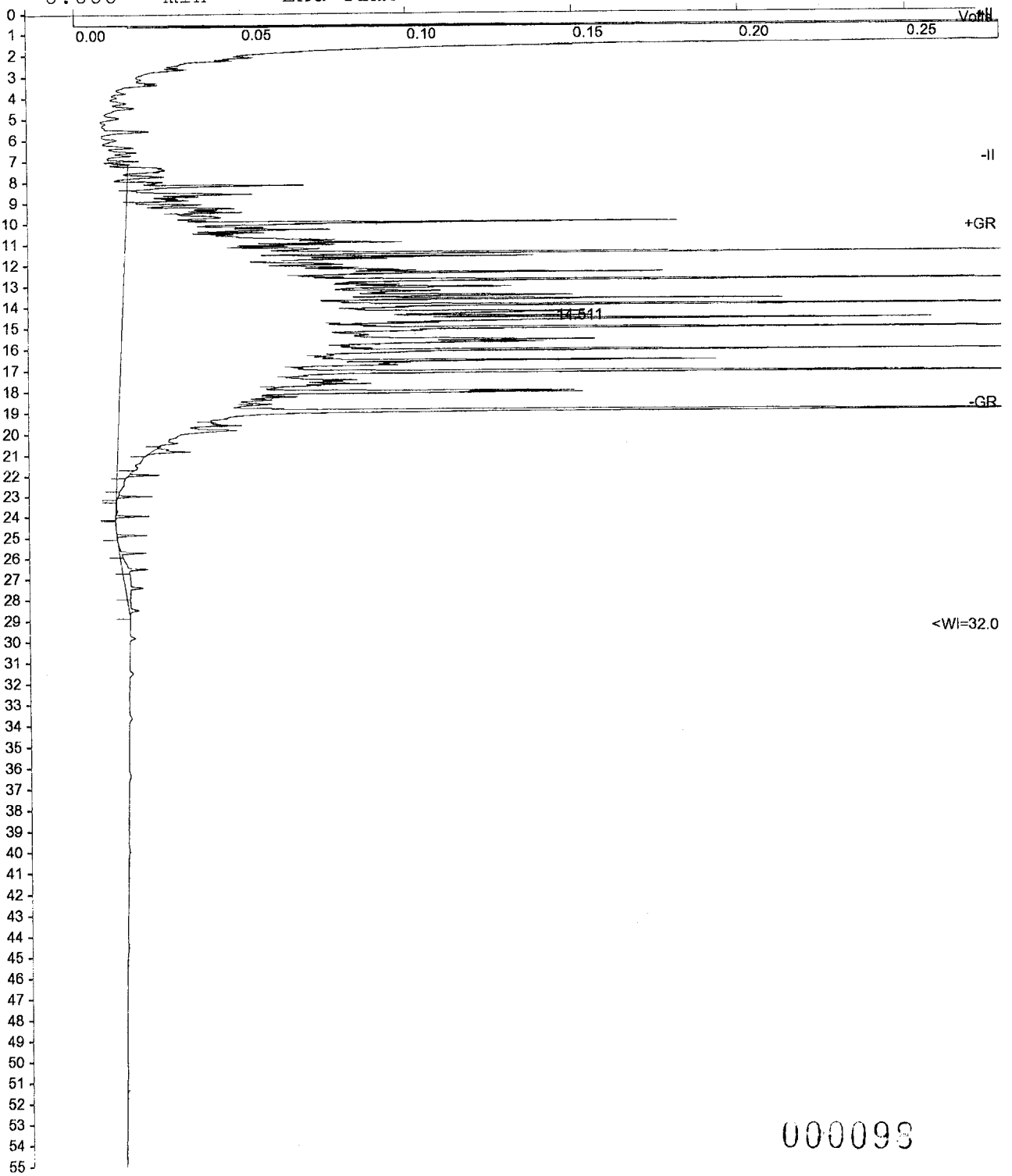
Injection Date: 12/4/02 9:21 AM Calculation Date: 12/4/02 10:16 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000093

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1204-10-10

Injection Date: 12/4/02 9:21 AM Calculation Date: 12/4/02 10:16 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	479.6983	14.511	0.000	40877672	GR	0.0	2	
	Group 2	479.6983		0.000	40877672				
	Totals:	479.6983		0.000	40877672				

Total Unidentified Counts : 11036468 counts

Detected Peaks: 33 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -17 microVolts

Noise (used): 137 microVolts - monitored before this run

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcsd1204-10-10

Injection Date: 12/4/02 9:21 AM Calculation Date: 12/5/02 8:25 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	18.0036	18.839	-0.101	2727781	VB	3.2	0	
	Group 0	18.0036		-0.101	2727781				
	Totals:	18.0036		-0.101	2727781				

Total Unidentified Counts : 63121548 counts

Detected Peaks: 86 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -17 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 137 microVolts

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

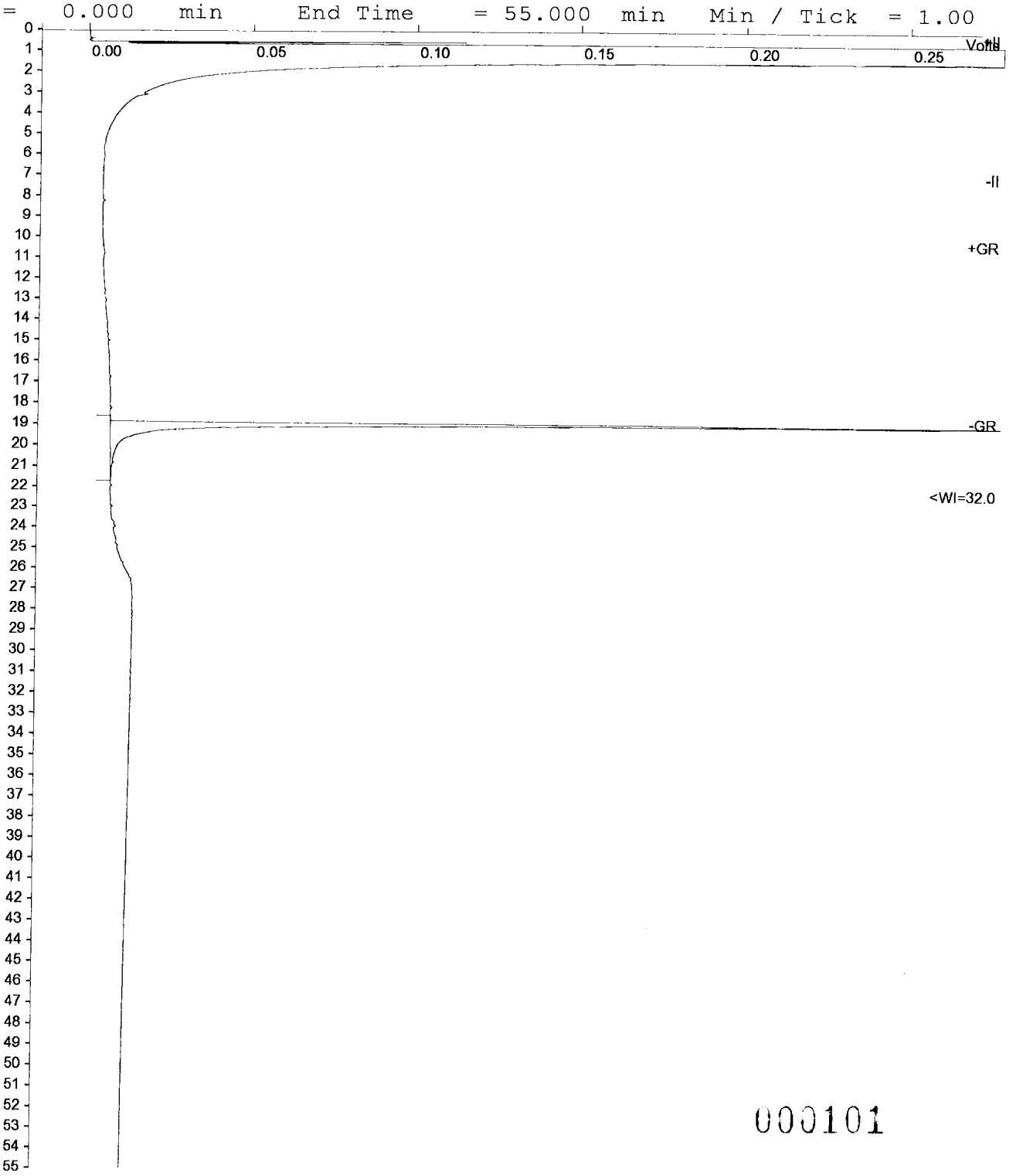
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1009.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-033-10-10

Injection Date: 12/4/02 10:34 AM Calculation Date: 12/4/02 11:29 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000101

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1009.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-033-10-10

Injection Date: 12/4/02 10:34 AM Calculation Date: 12/4/02 11:29 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2642674 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 7 microVolts

Noise (used): 145 microVolts - monitored before this run

Rack: 1 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-033-10-10

Injection Date: 12/4/02 10:34 AM Calculation Date: 12/5/02 8:30 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2656184 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 7 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 145 microVolts

Rack: 1 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-034-10-10

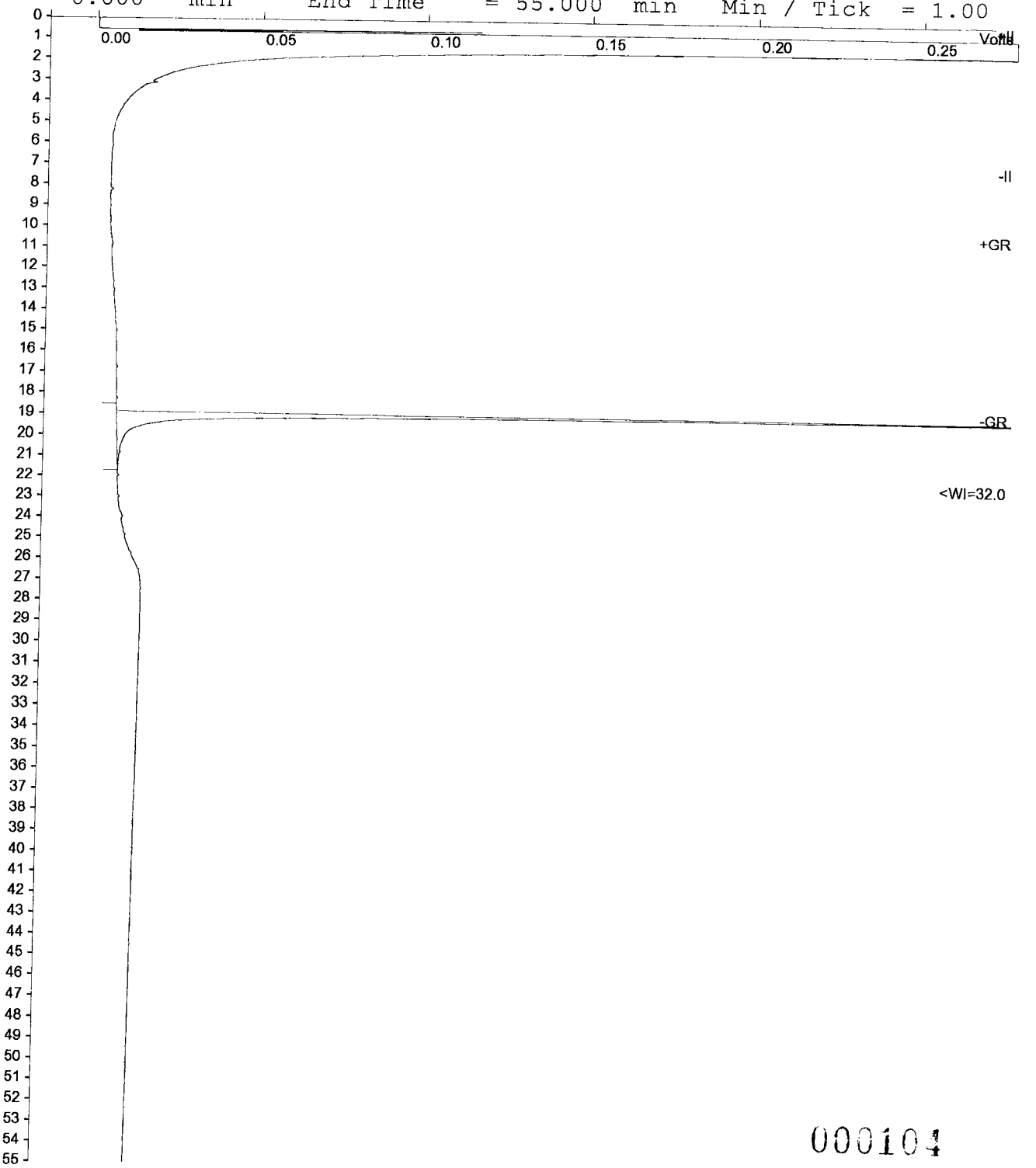
Injection Date: 12/4/02 11:42 AM Calculation Date: 12/4/02 12:37 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-034-10-10

Injection Date: 12/4/02 11:42 AM Calculation Date: 12/4/02 12:37 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2736281 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 131 microVolts

Noise (used): 152 microVolts - monitored before this run

Rack: 1 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1010.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-034-10-10

Injection Date: 12/4/02 11:42 AM Calculation Date: 12/5/02 8:30 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2725908 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 131 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 152 microVolts

Rack: 1 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-035-10-10

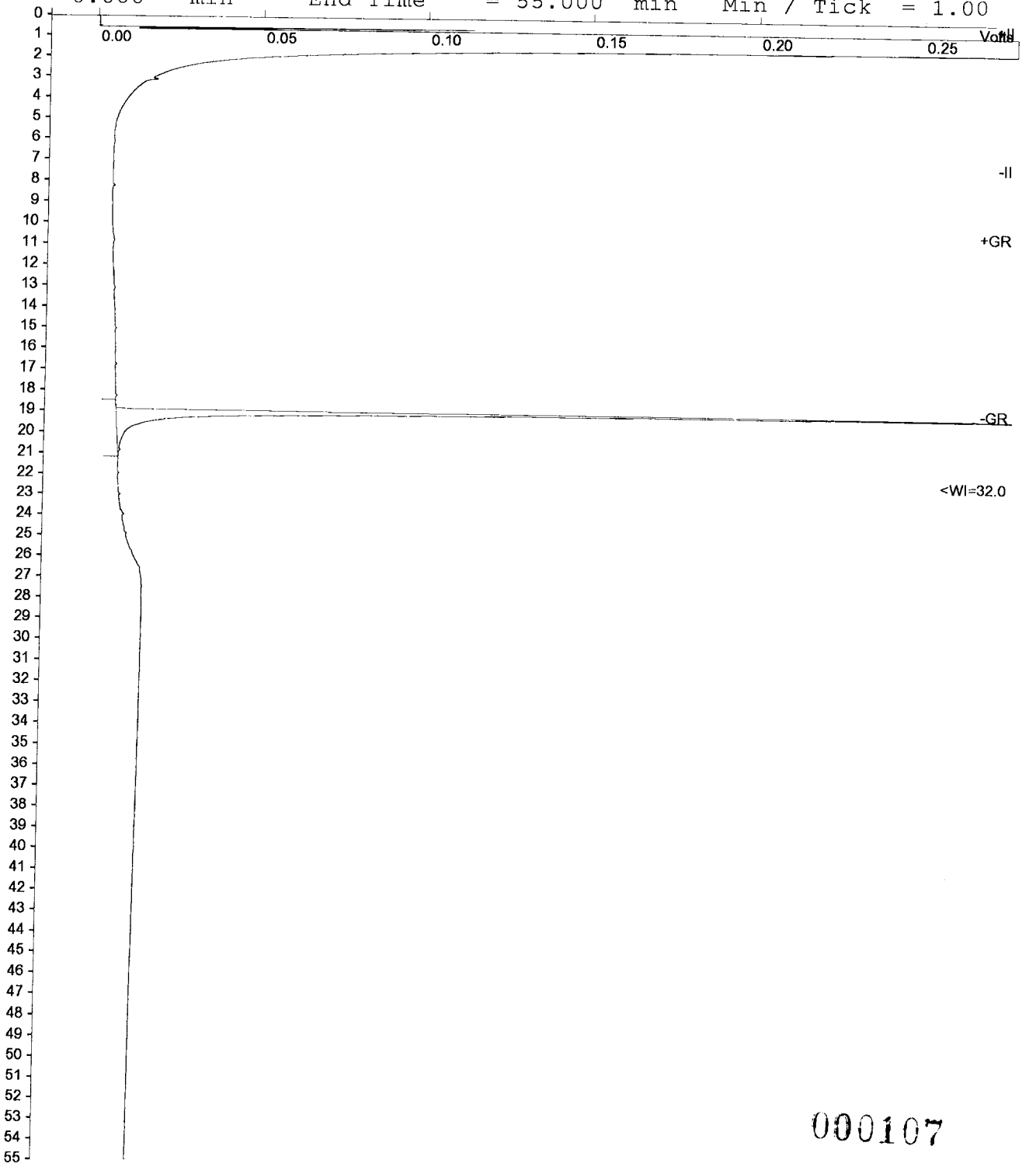
Injection Date: 12/4/02 12:50 PM Calculation Date: 12/4/02 1:45 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000107

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-035-10-10

Injection Date: 12/4/02 12:50 PM Calculation Date: 12/4/02 1:45 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2561315 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 139 microVolts

Noise (used): 162 microVolts - monitored before this run

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1011.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-035-10-10

Injection Date: 12/4/02 12:50 PM Calculation Date: 12/5/02 8:30 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2579925 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 139 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 162 microVolts

Rack: 1 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-036-10-10

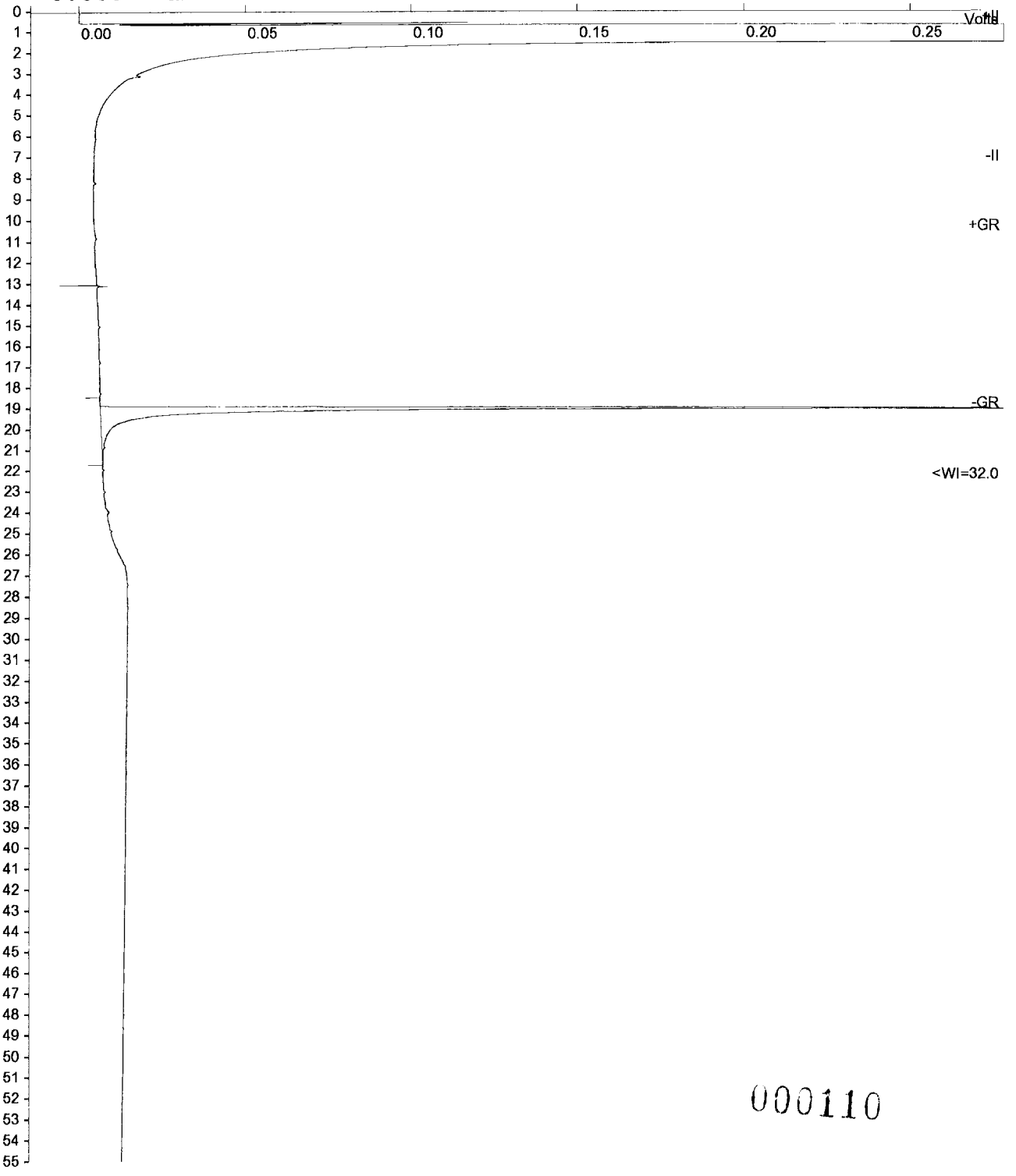
Injection Date: 12/4/02 1:58 PM Calculation Date: 12/4/02 2:53 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000110

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1012.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-036-10-10

Injection Date: 12/4/02 1:58 PM Calculation Date: 12/4/02 2:53 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2704499 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 38 microVolts

Noise (used): 209 microVolts - monitored before this run

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1012.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-036-10-10

Injection Date: 12/4/02 1:58 PM Calculation Date: 12/5/02 8:30 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2697669 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 38 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 209 microVolts

Rack: 1 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1013.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-037-10-10

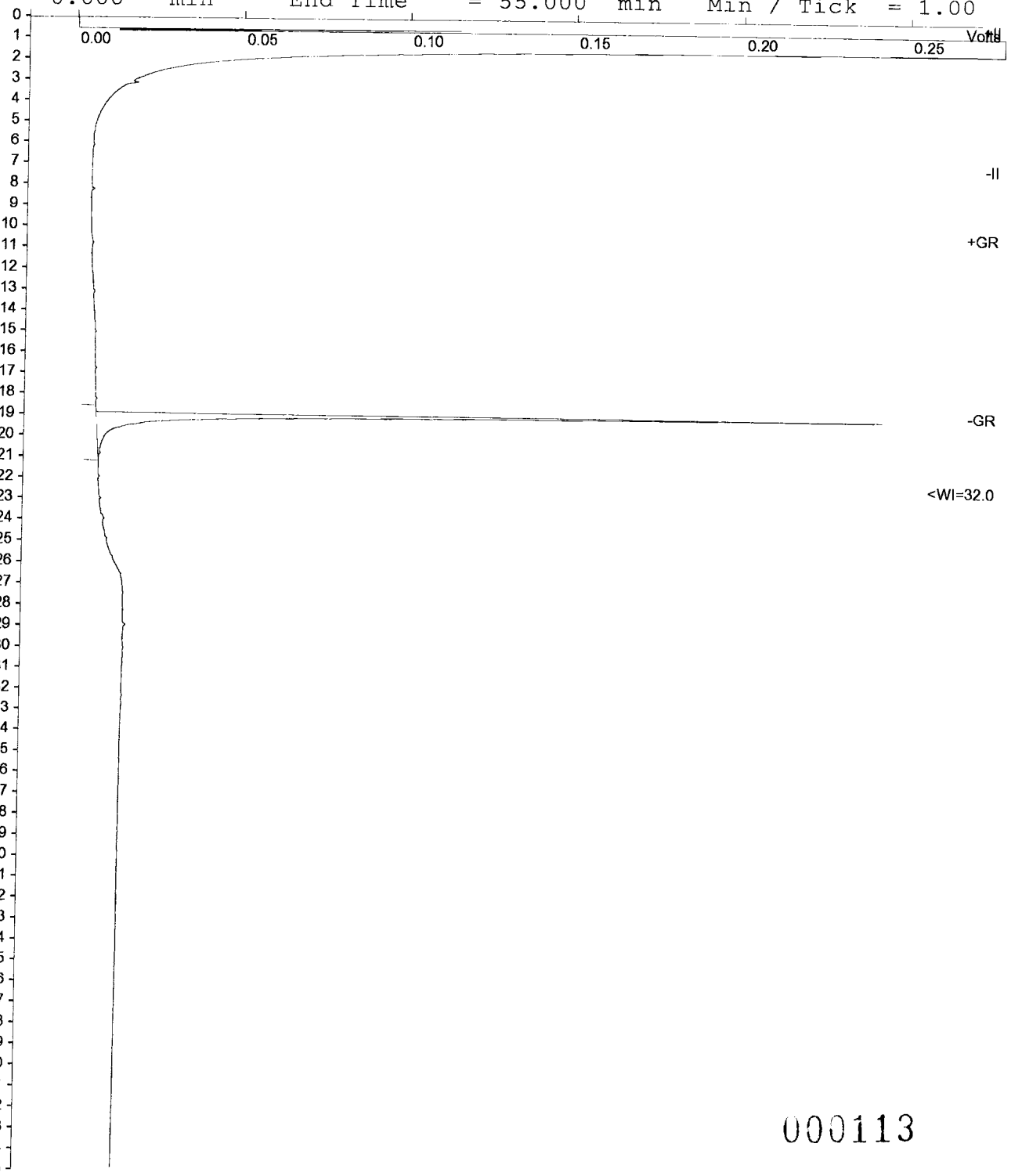
Injection Date: 12/4/02 3:05 PM Calculation Date: 12/4/02 4:01 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000113

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1013.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-037-10-10

Injection Date: 12/4/02 3:05 PM Calculation Date: 12/4/02 4:01 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2219528 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29 microVolts

Noise (used): 153 microVolts - monitored before this run

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1013.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-037-10-10

Injection Date: 12/4/02 3:05 PM Calculation Date: 12/5/02 8:30 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2232845 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 153 microVolts

Rack: 1 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-038-10-10

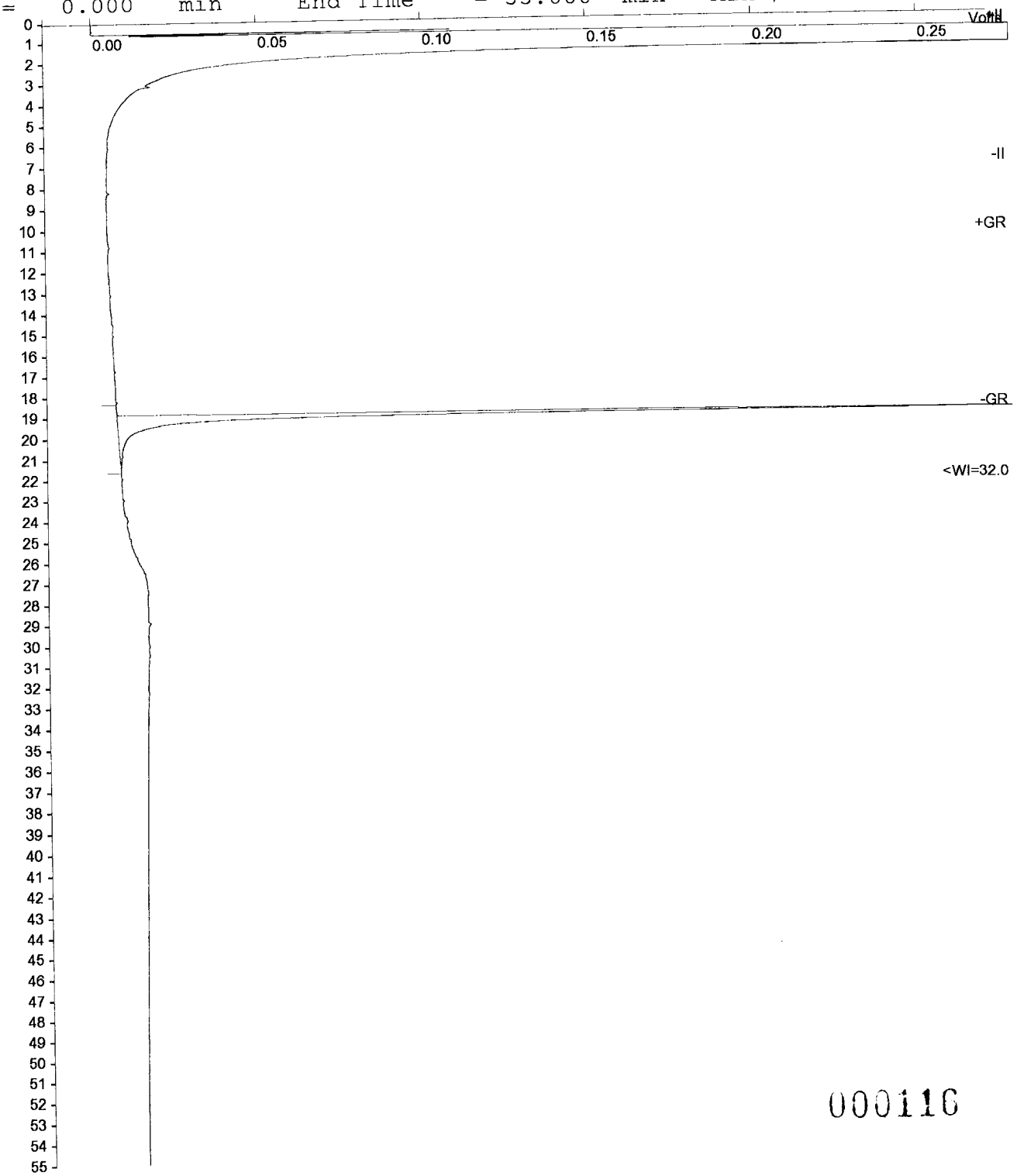
Injection Date: 12/4/02 4:13 PM Calculation Date: 12/4/02 5:08 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000116

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1014.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-038-10-10

Injection Date: 12/4/02 4:13 PM Calculation Date: 12/4/02 5:08 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2689499 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 54 microVolts

Noise (used): 172 microVolts - monitored before this run

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1014.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-038-10-10

Injection Date: 12/4/02 4:13 PM Calculation Date: 12/5/02 8:30 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2680013 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 54 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 172 microVolts

Rack: 1 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-039-10-10

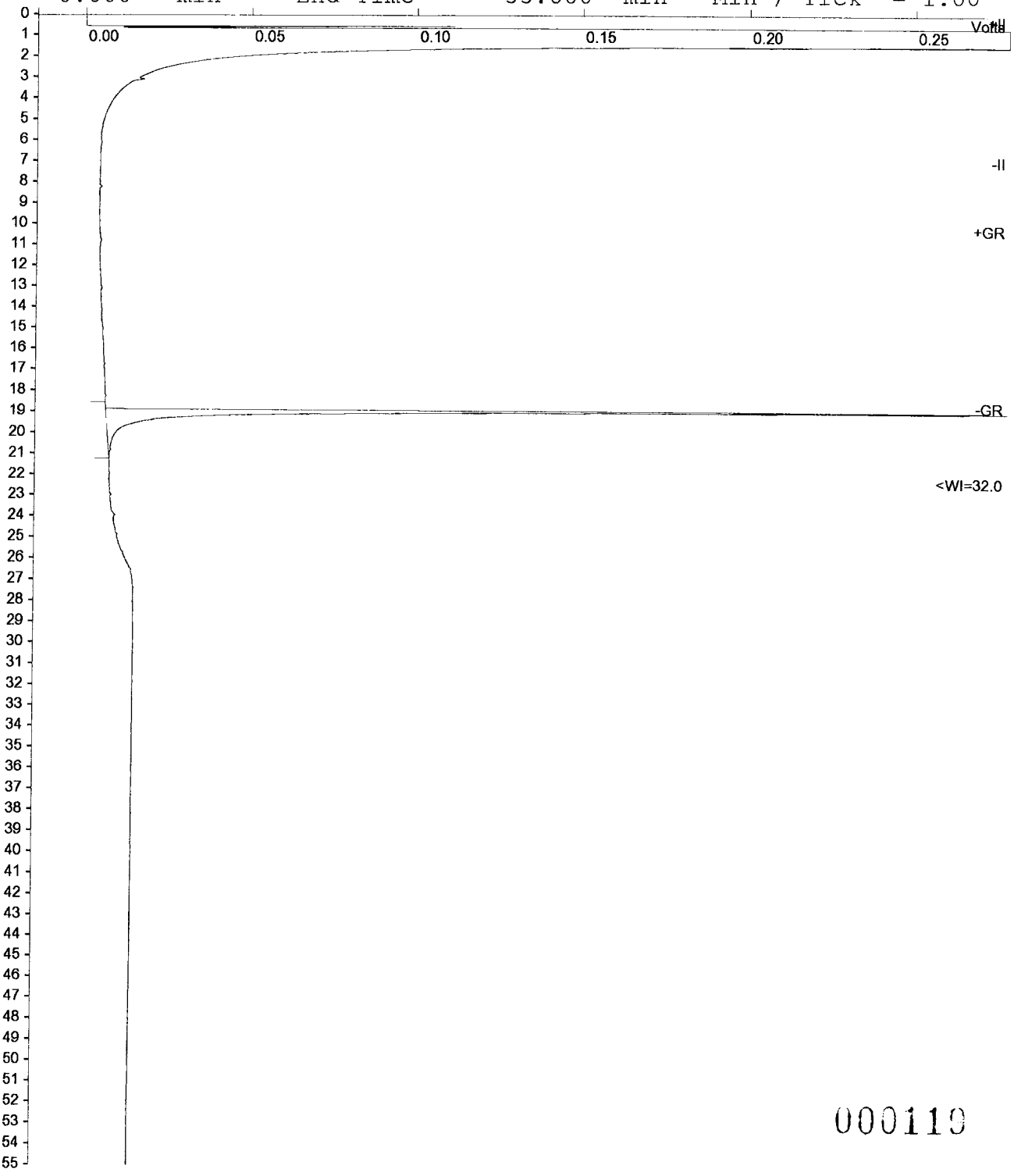
Injection Date: 12/4/02 5:21 PM Calculation Date: 12/4/02 6:16 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000119

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1015.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-039-10-10

Injection Date: 12/4/02 5:21 PM Calculation Date: 12/4/02 6:16 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2586853 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 45 microVolts

Noise (used): 128 microVolts - monitored before this run

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1015.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-039-10-10

Injection Date: 12/4/02 5:21 PM Calculation Date: 12/5/02 8:39 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2590120 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 45 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 128 microVolts

Rack: 1 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : dccv-gw153

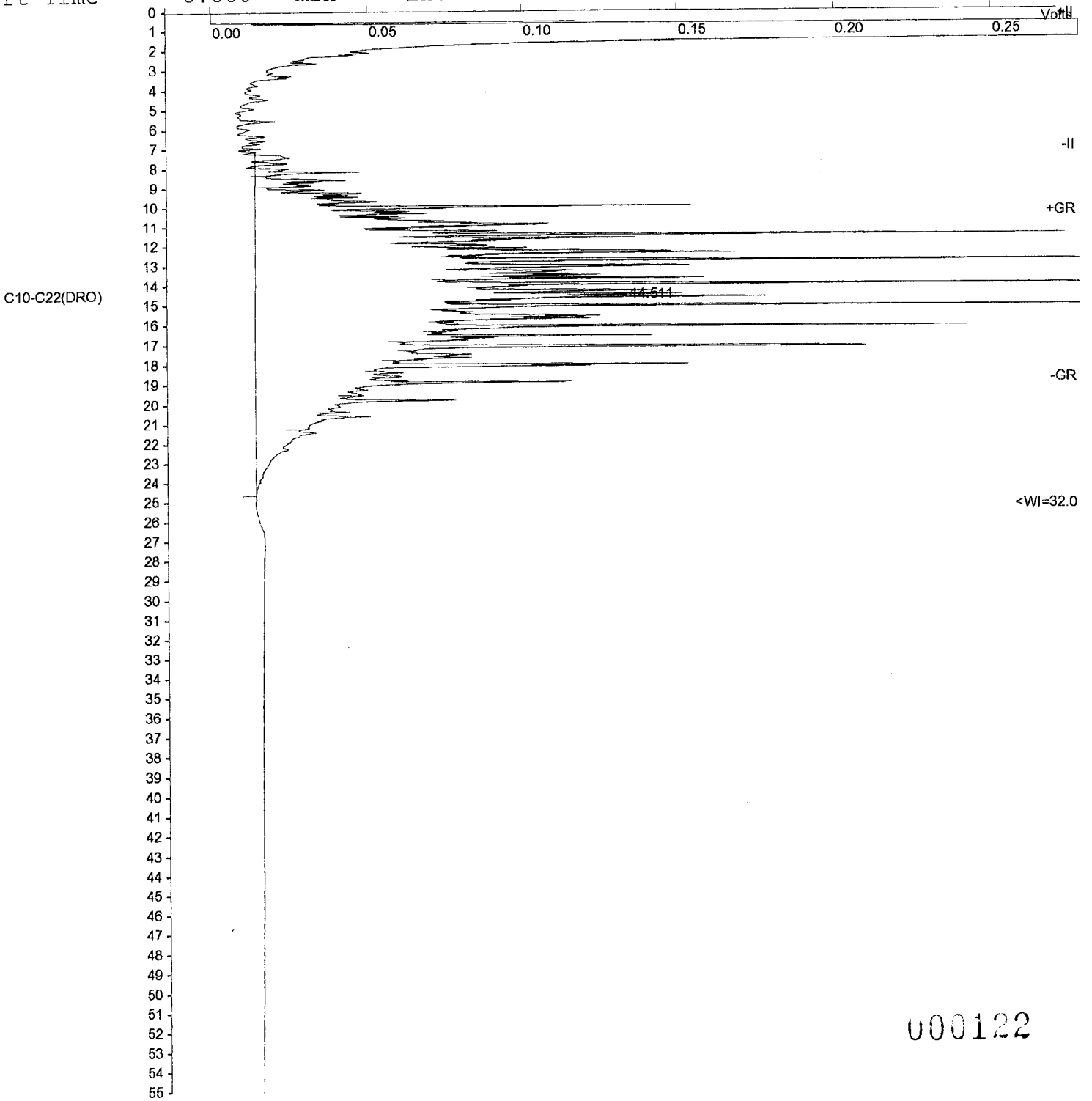
Injection Date: 12/4/02 6:29 PM Calculation Date: 12/5/02 8:24 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000122

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : dccv-gw153

Injection Date: 12/4/02 6:29 PM Calculation Date: 12/5/02 8:24 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	458.6883	8.3	14.511	0.000	39106592	2	
	Group 2		458.6883			0.000	39106592		
	Totals:		458.6883			0.000	39106592		

Total Unidentified Counts : 9916912 counts

Detected Peaks: 27 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 89 microVolts

Noise (used): 158 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

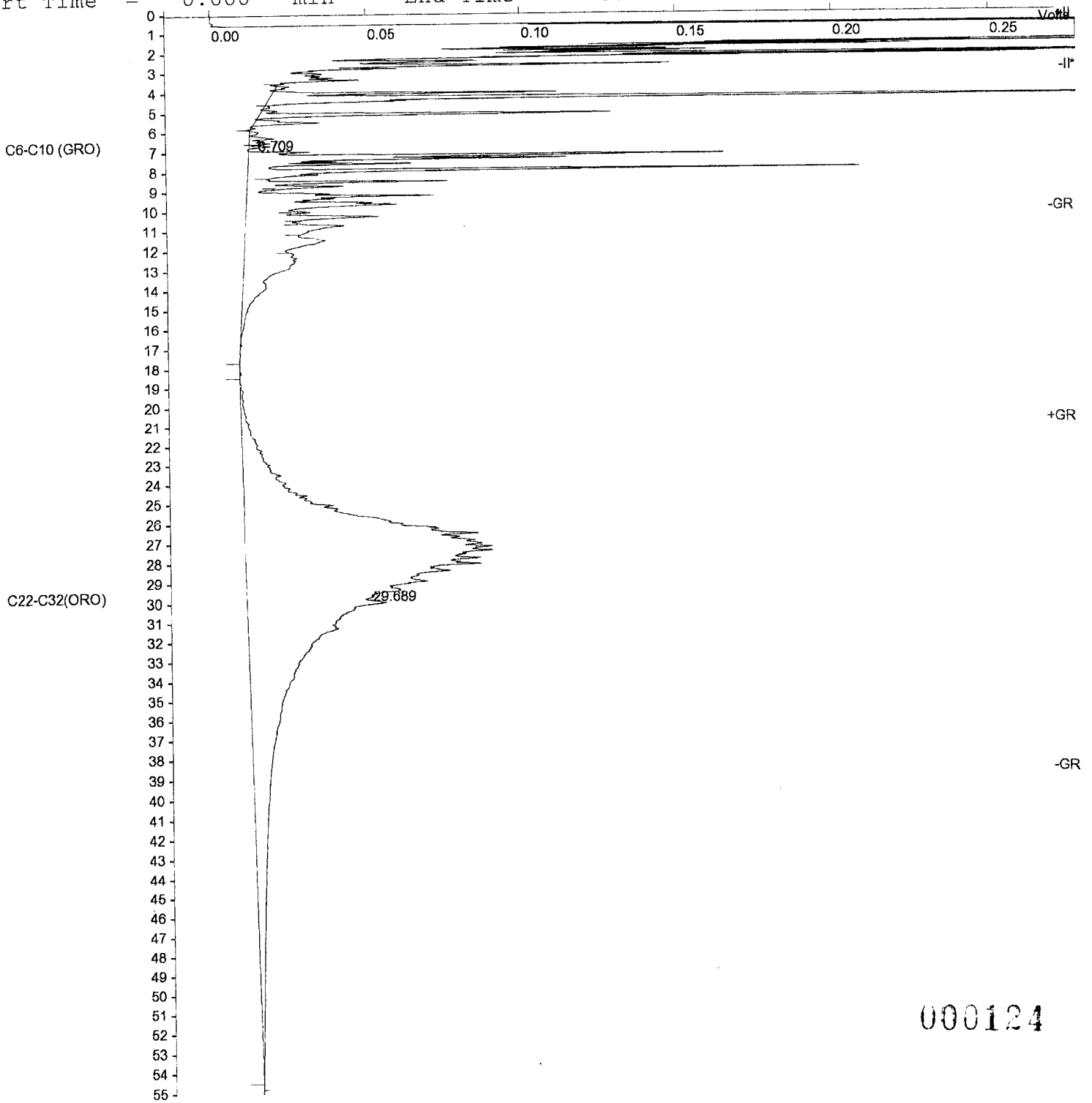
Injection Date: 12/4/02 7:36 PM Calculation Date: 12/5/02 8:23 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000124

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 12/4/02 7:36 PM Calculation Date: 12/5/02 8:23 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	442.9169	6.709	-0.078	9716536	GR	0.0	1	
2	C22-C32(ORO)	537.6754	29.689	0.000	29025350	GR	0.0	3	
	Group 1	442.9169		-0.078	9716536				
	Group 3	537.6754		0.000	29025350				
	Totals:	980.5923		-0.078	38741886				

Total Unidentified Counts : 4148805 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 58 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 178 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1018.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-040-10-10

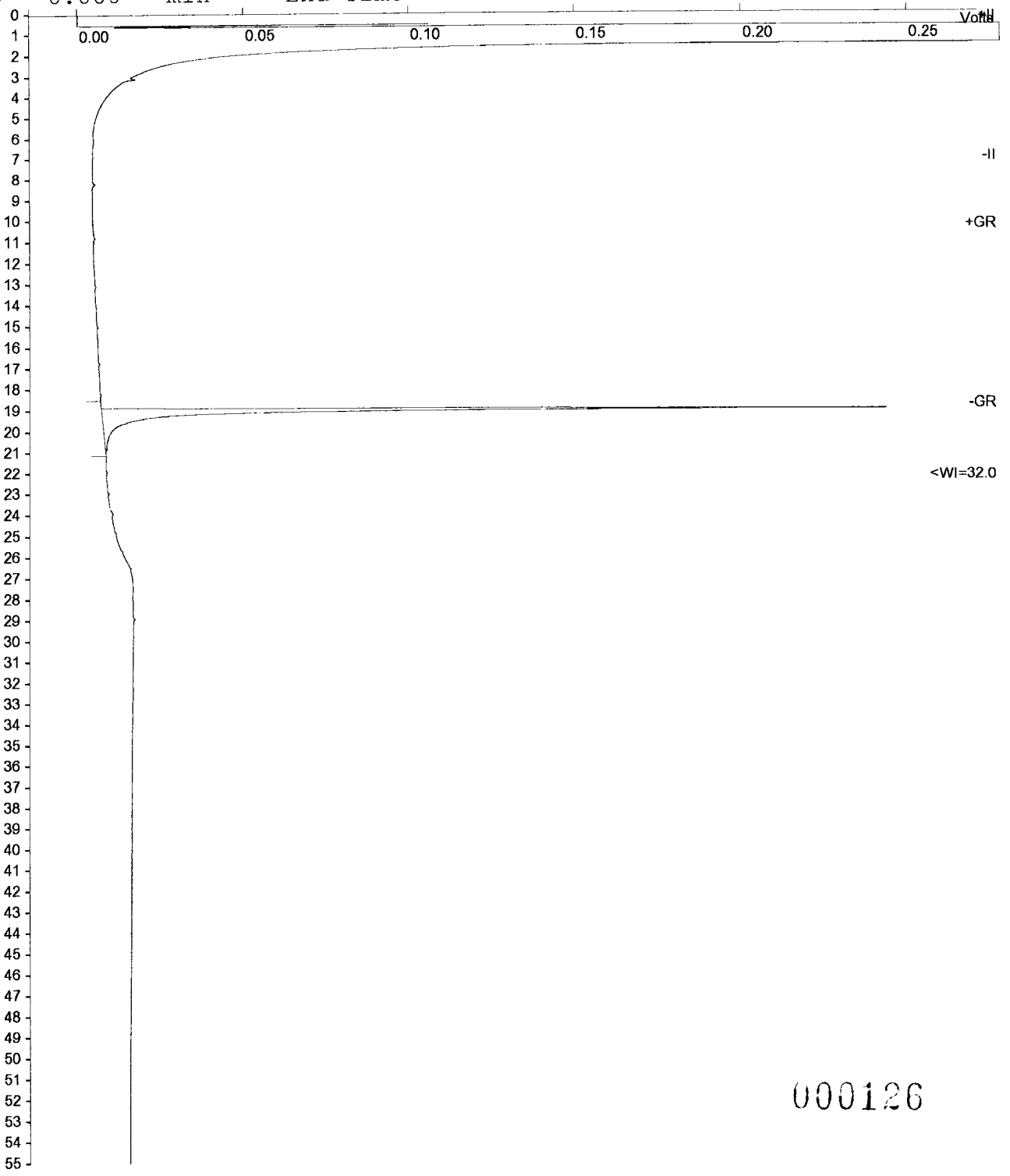
Injection Date: 12/4/02 8:43 PM Calculation Date: 12/4/02 9:38 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000126

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1018.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-040-10-10

Injection Date: 12/4/02 8:43 PM Calculation Date: 12/4/02 9:38 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2244569 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 93 microVolts

Noise (used): 166 microVolts - monitored before this run

Rack: 2 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1018.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-040-10-10

Injection Date: 12/4/02 8:43 PM Calculation Date: 12/5/02 8:39 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2243094 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 93 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 166 microVolts

Rack: 2 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1019.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-041-10-10

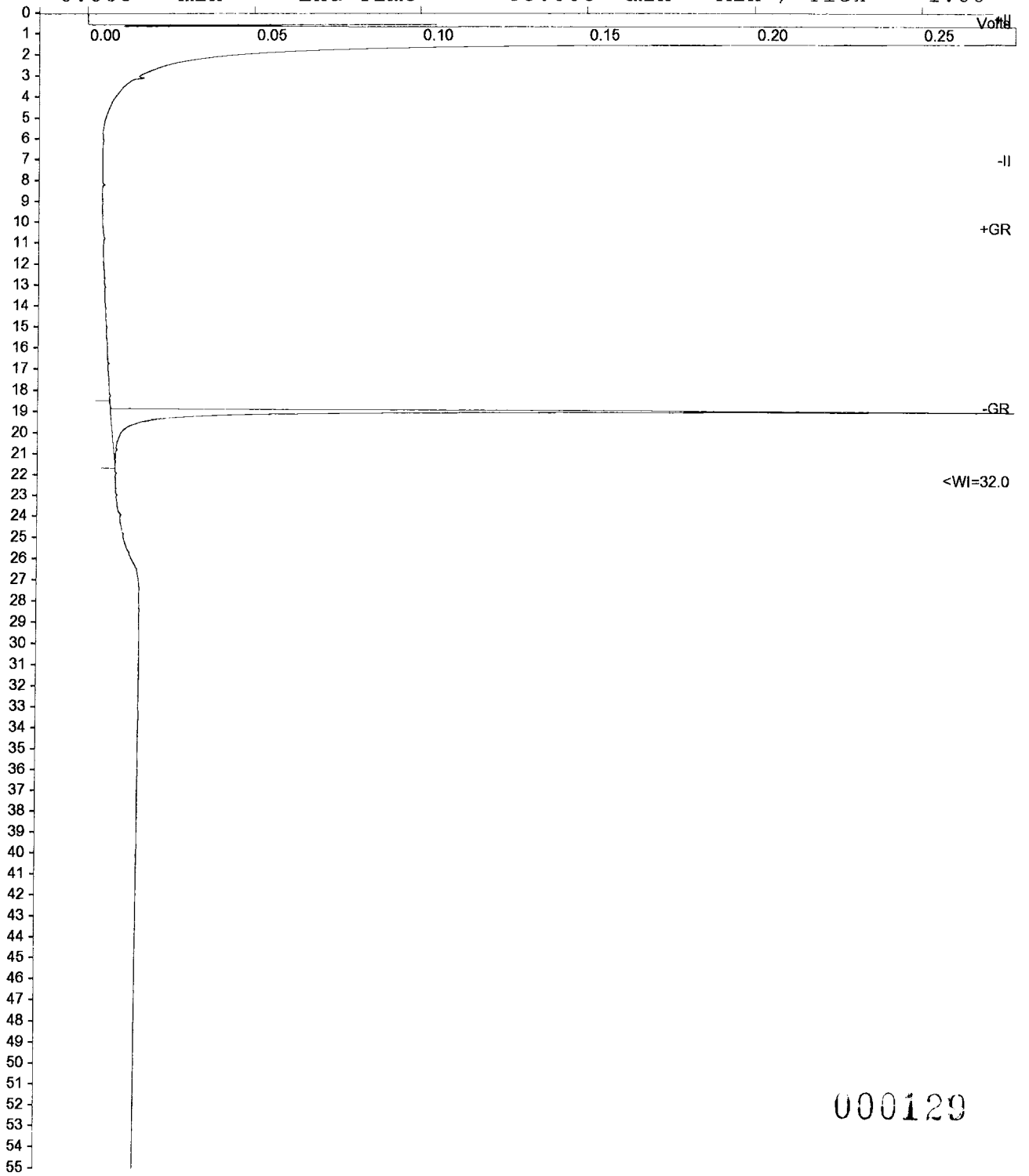
Injection Date: 12/4/02 9:49 PM Calculation Date: 12/4/02 10:45 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000129

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1019.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-041-10-10

Injection Date: 12/4/02 9:49 PM Calculation Date: 12/4/02 10:45 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2609815 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29 microVolts

Noise (used): 141 microVolts - monitored before this run

Rack: 2 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1019.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-041-10-10

Injection Date: 12/4/02 9:49 PM Calculation Date: 12/5/02 8:39 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2595225 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 29 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 141 microVolts

Rack: 2 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1020.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-042-10-10

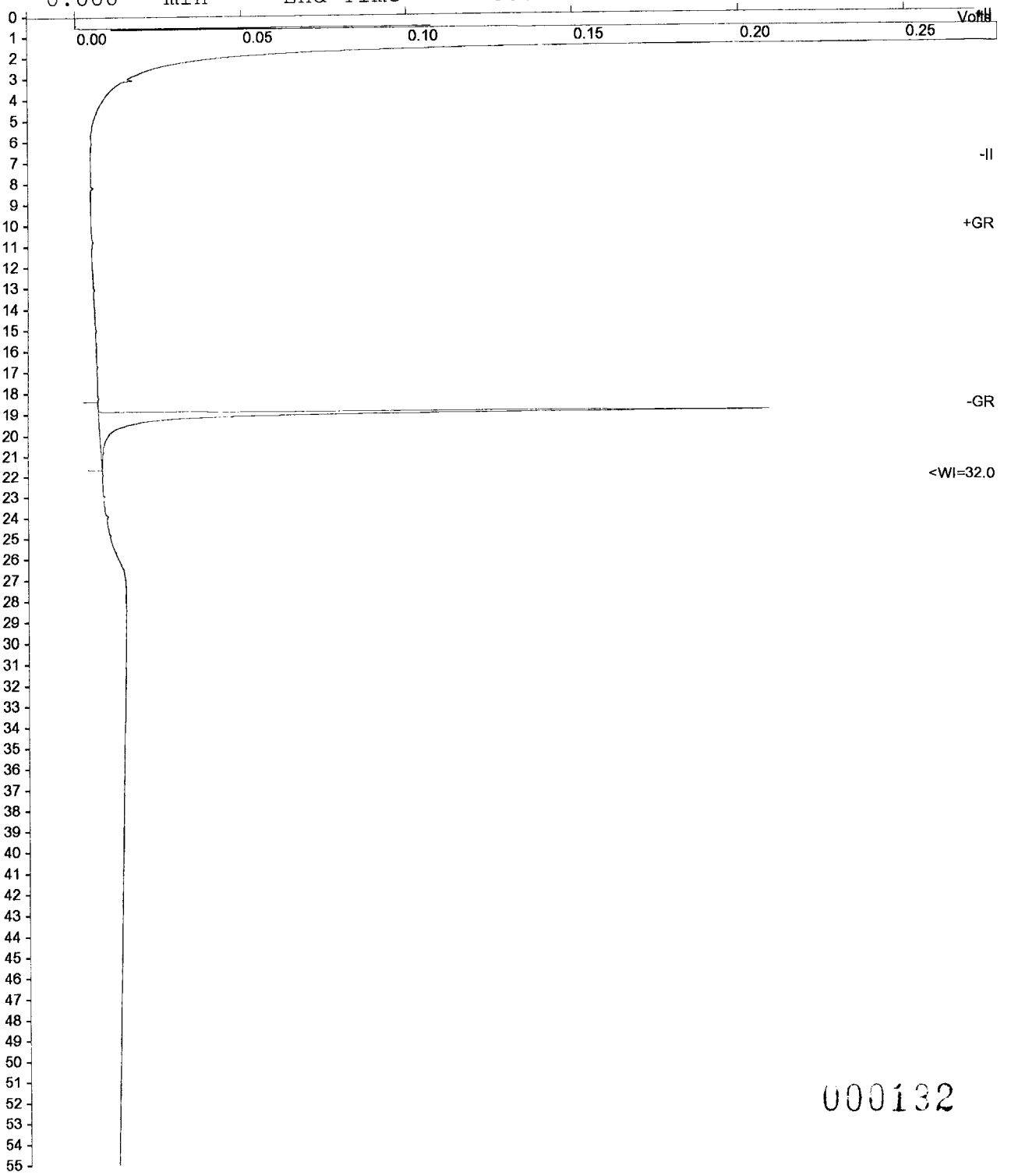
Injection Date: 12/4/02 10:56 PM Calculation Date: 12/4/02 11:51 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000132

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1020.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-042-10-10

Injection Date: 12/4/02 10:56 PM Calculation Date: 12/4/02 11:51 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2119645 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -8 microVolts

Noise (used): 199 microVolts - monitored before this run

Rack: 2 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1020.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102992-042-10-10

Injection Date: 12/4/02 10:56 PM Calculation Date: 12/5/02 8:39 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2110504 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -8 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 199 microVolts

Rack: 2 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102992-043-10-10

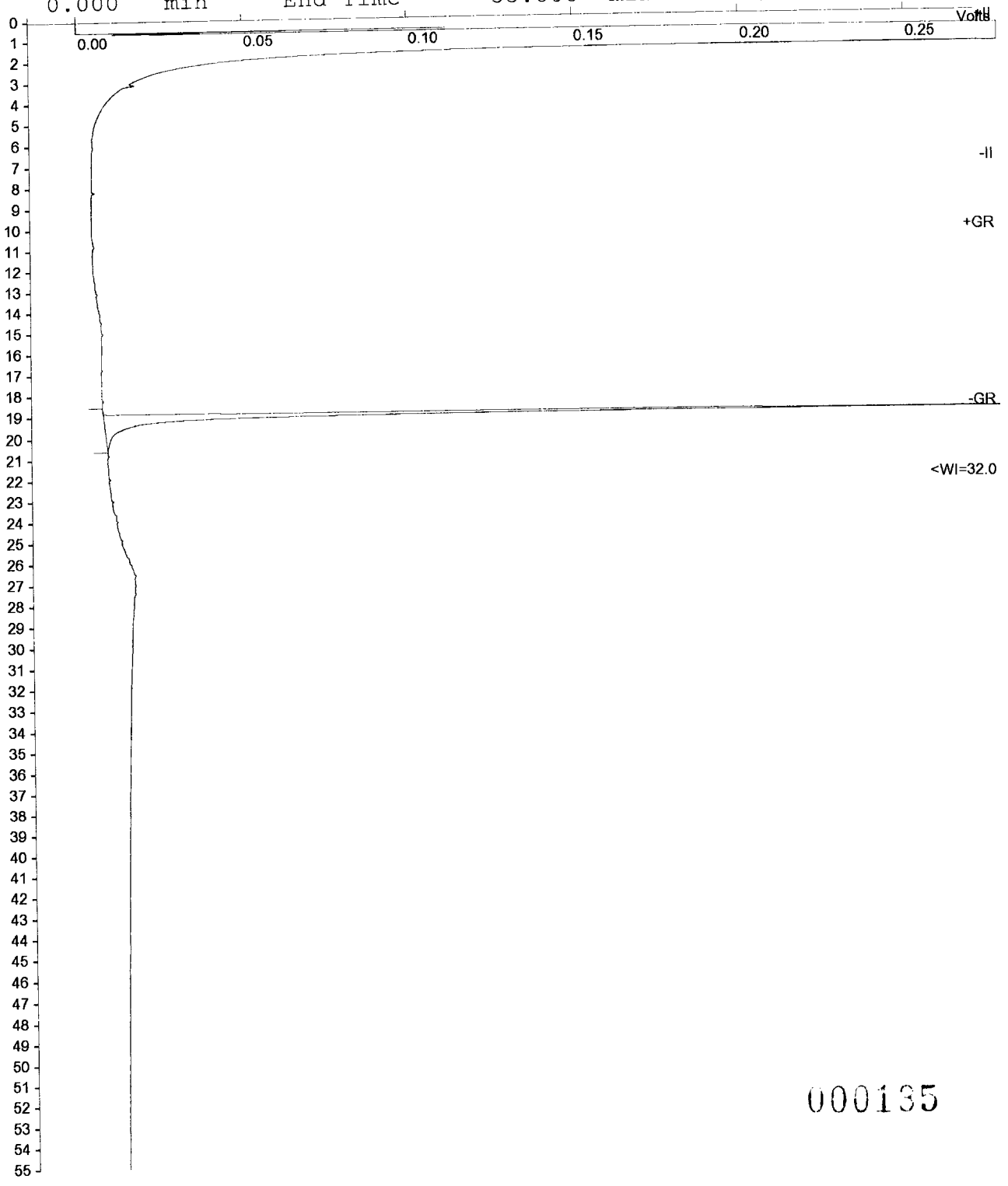
Injection Date: 12/5/02 12:03 AM Calculation Date: 12/5/02 12:58 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000135

ASSOCIATED LABORATORIES
8015 / 8021 PREP SHEET

BATCH ID: DSLS 12/04/02

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SAMPLE AMOUNT	SURR. ADDED	SPIKE ADDED	INITIAL WT/VOL	FINAL VOLUME	DATE EXT.	COMMENT
1204	3550	S	10.0g	100 ul	—	—	10 ml	1204	FOSTER W.
BLANK 1204					500	—			
LCS 1204					500	—			
LCSD 033					—	—			
102992 - 034					—	—			
035					—	—			
036					—	—			
037					—	—			
038					—	—			
039					—	—			
040					—	—			
041					—	—			
042					—	—			
043					—	—			

12/04/02

Solvent Manufacturer and Lot # MeOH # 023421

Surrogate Lot # g-W-052

Spike Lot # g-W-051

0001138

EPA 8260:

Data & QA/QC

****

Varian Star Workstation - Generic SampleList Thu Dec 05 08:52:28 2002

SampleList: C:\SaturnWS\samplelist.smp

Created: Sun Oct 29 18:10:46 2000
Modified: Thu Dec 05 07:37:04 2002

****

Line	Sample Type	Sample Name
1	Analysis	water blank
2	Analysis	method blank # 1
3	Analysis	50 ppb 8260 ccv
4	Analysis	LCS # 1
5	Analysis	102992-033 5.53g
6	Analysis	102992-034 4.69g
7	Analysis	102992-035 5.82g
8	Analysis	102992-036 5.74g
9	Analysis	102992-037 4.67g
10	Analysis	102992-038 4.52g
11	Analysis	102992-039 6.21g
12	Analysis	102992-040 4.09g
13	Analysis	102992-041 5.80g
14	Analysis	102992-042 5.04g
15	Analysis	102992-043 5.14g
16	Analysis	LCS soil
17	Analysis	LCSD soil
18	Analysis	LCS # 2
19	Analysis	method blank # 2
20	Analysis	50 ppb 8260 ccv # 2
21	Analysis	103055-404 5ml
22	Analysis	102974-975 50ul
23	Analysis	102974 -976 5ml
24	Analysis	102974 -977 5ml
25	Analysis	LCS water
26	Analysis	LCSD water

Directory for Data Files: c:\saturnws\data\6dec02

Data File Names: dec%i

Create and update a new RecalcList: c:\saturnws\8260list.rcl.

Overwrite the RecalcList each time the SampleList begins.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No: SDG No:

Instrument ID: GCMS # 6 Calibration Date(s): 8/7/02 8/7/02

Calibration Time(s): 18:30 23:14

Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Index: 1	Level: 1	Replicate: 1	Acquired: 8/7/02 18:30	File: c:\saturnws\data\6aug02\aug1054.sms
Index: 2	Level: 2	Replicate: 1	Acquired: 8/7/02 19:17	File: C:\SaturnWS\data\6aug02\aug1055.SMS
Index: 3	Level: 3	Replicate: 1	Acquired: 8/7/02 20:04	File: C:\SaturnWS\data\6aug02\aug1056.SMS
Index: 4	Level: 4	Replicate: 1	Acquired: 8/7/02 20:51	File: c:\saturnws\data\6aug02\aug1057.sms
Index: 5	Level: 5	Replicate: 1	Acquired: 8/7/02 21:39	File: C:\SaturnWS\data\6aug02\aug1058.SMS
Index: 6	Level: 6	Replicate: 1	Acquired: 8/7/02 22:26	File: C:\SaturnWS\data\6aug02\aug1059.SMS
Index: 7	Level: 7	Replicate: 1	Acquired: 8/7/02 23:14	File: C:\SaturnWS\data\6aug02\aug1060.SMS

RRF = (Area(sample)/(Amount(sample))/(Area(standard)/Amount(standard))

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Dichlorodifluoromethane						0.000		**0.000**	
Chloromethane	0.251	0.196	0.237	0.203	0.190	0.174	0.171	**0.203**	**15.0**
Vinyl Chloride	0.439	0.360	0.477	0.413	0.417	0.426	0.447	**0.425**	**8.5**
Bromomethane	0.237	0.232	0.221	0.175	0.152	0.088	0.094	**0.171**	**36.9**
Trichlorofluoromethane	0.936	0.894	1.005	0.905	0.886	0.890	0.892	**0.915**	**4.7**
Trichlorotrifluoroethane (Freon 113)			0.003	0.002	0.002	0.001	0.001	**0.002**	**47.6**
1,1-Dichloroethene	0.888	0.917	1.056	1.101	0.989	1.009	1.043	**1.000**	**7.6**
Acetone	0.073	0.057	0.053	0.046	0.053	0.048	0.061	**0.056**	**16.3**
Carbon disulfide	0.009	0.003	0.001	0.000	0.000	0.000		**0.002**	**155.4**
Acetonitrile	0.252	0.258	0.251	0.221	0.223	0.203	0.210	**0.231**	**9.5**
Allyl chloride					0.002	0.002	0.002	**0.002**	**4.7**
Methylene Chloride	1.826	1.103	1.052	0.943	0.952	0.932	0.958	**1.110**	**29.0**
tert-Butanol	0.006	0.020	0.021	0.019		0.021		**0.018**	**35.8**

000140

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Methyl-tert-butyl-ether (MTBE)	0.524	0.482	0.493	0.485	0.557	0.560	0.628	**0.533**	**10.0**
t-1,2-Dichloroethene	1.064	0.935	0.929	0.770	0.703	0.667	0.623	**0.813**	**20.3**
1,1-Dichloroethane	0.674	0.625	0.635	0.567	0.528	0.510	0.492	**0.576**	**12.2**
Isopropyl ether	0.893	0.843	0.832	0.746	0.721	0.679	0.675	**0.770**	**11.2**
Ethyl-tert-butyl-ether	0.949	0.946	0.921	0.805	0.772	0.725	0.721	**0.834**	**12.2**
2,2-Dichloropropane	0.981	0.885	0.916	0.813	0.786	0.778	0.774	**0.847**	**9.5**
c-1,2-Dichloroethene	0.860	0.871	0.888	0.829	0.839	0.837	0.856	**0.854**	**2.4**
2-Butanone (MEK)	0.087	0.076	0.074	0.066	0.083	0.078	0.095	**0.080**	**11.8**
Bromochloromethane	0.471	0.508	0.519	0.490	0.523	0.504	0.539	**0.508**	**4.4**
Methacrylonitrile	0.512	0.475	0.493	0.451	0.429	0.425	0.429	**0.459**	**7.6**
Chloroform	1.030	1.019	1.060	0.996	1.017	1.024	1.068	**1.030**	**2.4**
1,1,1-Trichloroethane	1.307	1.258	1.371	1.261	1.263	1.297	1.350	**1.301**	**3.5**
Dibromofluoromethane (Surr1)	0.207	0.217	0.209	0.210	0.212	0.214	0.226	**0.214**	**2.9**
Carbon Tetrachloride	0.960	1.004	1.101	1.006	1.013	1.044	1.098	**1.032**	**5.1**
1,1-Dichloropropene	0.797	0.624	0.597	0.437	0.391	0.508	0.313	**0.524**	**31.2**
Benzene	0.931	0.786	0.791	0.729	0.752	0.751	0.780	**0.789**	**8.4**
1,2-Dichloroethane-d4 (Surr2)	0.303	0.295	0.269				0.203	**0.268**	**16.9**
1,2-Dichloroethane	0.653	0.630	0.594	0.504	0.483	0.435	0.439	**0.534**	**17.0**
tert-Amyl-methyl-ether	1.016	0.951	0.941	0.865	0.898	0.854	0.910	**0.919**	**6.0**
Trichloroethene	1.889	1.663	1.754	1.662	1.640	1.601	1.654	**1.695**	**5.7**
1,2-Dichloropropane	0.516	0.508	0.479	0.428	0.401	0.376	0.364	**0.439**	**14.2**
Dibromomethane	0.578	0.584	0.609	0.552	0.565	0.537	0.571	**0.571**	**4.1**
Bromodichloromethane	1.214	1.230	1.232	1.185	1.178	1.175	1.226	**1.206**	**2.1**
2-Chloroethyl vinyl ether	0.298	0.286	0.311	0.267	0.285	0.251	0.275	**0.282**	**7.0**
c-1,3-Dichloropropene	1.503	1.400	1.382	1.276	1.236	1.201	1.194	**1.313**	**8.9**
4-Methyl-2-pentanone	0.389	0.376	0.404	0.361	0.370	0.332	0.352	**0.369**	**6.4**
Toluene-d8 (Surr3)	1.490	1.480	1.481	1.430	1.430	1.403	1.386	**1.443**	**2.9**
Toluene	4.123	3.621	3.727	3.415	3.323	3.312	3.310	**3.547**	**8.5**
t-1,3-Dichloropropene	0.718	0.631	0.627	0.578	0.595	0.002	0.596	**0.535**	**44.8**
1,1,2-Trichloroethane	0.578	0.672	0.695	0.661	0.671	0.648	0.679	**0.658**	**5.8**
Tetrachloroethene	0.191	0.155	0.156	0.147	0.142	0.142	0.147	**0.154**	**11.0**
1,3-Dichloropropane	1.003	0.983	0.989	0.938	0.975	0.948	1.009	**0.978**	**2.7**
Dibromochloromethane	0.687	0.735	0.758	0.700	0.738	0.708	0.747	**0.725**	**3.6**
1,2-Dibromoethane	0.806	0.783	0.852	0.773	0.824	0.773	0.832	**0.806**	**3.9**

0014100

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
1-Chlorohexane	3.034	2.639	2.670	2.386	2.319	2.229	2.227	2.501	11.8
Chlorobenzene	2.388	2.020	2.112	1.917	1.918	1.936	1.961	2.036	8.3
Ethylbenzene	10.331	8.560	8.577	8.176	8.206	8.552	8.905	8.758	8.4
1,1,1,2-Tetrachloroethane	24.225	5.781	2.246	1.171	0.787	0.624	0.514	5.050	171.4
p,m-Xylenes	9.172	7.293	7.251	6.846	6.766	7.106	7.425	7.408	11.0
o-Xylene	9.005	7.410	7.569	7.283	7.214	7.447	7.613	7.649	8.0
Styrene	5.401	4.590	4.611	4.452	4.571	4.806	5.044	4.782	7.0
Bromoform	1.136	1.025	1.005	0.946	0.986	0.959	1.004	1.009	6.2
Isopropylbenzene	9.768	8.467	8.494	8.019	7.826	8.078	8.319	8.424	7.6
cis-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
p-Bromofluorobenzene (Surr4)	1.404	1.382	1.344	1.356	1.350	1.368	1.388	1.370	1.6
1,1,2,2-Tetrachloroethane	1.458	1.567	1.507	1.349	1.404	1.386	1.450	1.446	5.1
Bromobenzene	4.000	3.668	3.508	3.266	3.120	3.067	3.051	3.383	10.6
n-Propylbenzene	11.098	9.414	9.619	9.181	9.149	9.467	9.800	9.676	6.9
trans-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
1,2,3-Trichloropropane	1.083	0.999	0.927	0.824	0.825	0.776	0.842	0.897	12.4
2-Chlorotoluene	7.825	6.501	6.151	5.826	5.710	5.782	5.900	6.242	12.0
1,3,5-Trimethylbenzene	9.214	7.748	7.752	7.247	7.070	7.273	7.475	7.683	9.4
4-Chlorotoluene	6.528	5.609	5.569	5.388	5.261	5.270	5.393	5.574	7.9
tert-Butylbenzene	12.564	10.652	10.592	9.794	9.456	9.684	9.530	10.325	10.7
1,2,4-Trimethylbenzene	8.218	7.186	7.075	6.575	6.494	6.574	6.643	6.966	8.8
Pentachloroethane		0.034	0.030	0.032	0.029	0.031	0.033	0.031	5.8
sec-Butylbenzene	9.996	8.283	8.328	7.913	7.738	7.890	7.816	8.280	9.5
4-Isopropyltoluene	6.605	5.598	5.590	5.099	4.902	4.961	4.948	5.386	11.4
1,3-Dichlorobenzene	3.957	3.742	3.706	3.528	3.439	3.407	3.451	3.604	5.7
1,4-Dichlorobenzene	4.021	3.479	3.377	3.287	3.257	3.227	3.239	3.412	8.3
Benzyl Chloride	5.145	4.341	4.321	4.052	3.981	4.030	3.997	4.267	9.7
n-Butylbenzene	7.021	5.980	6.124	5.938	5.964	6.192	6.250	6.210	6.1
1,2-Dichlorobenzene	3.323	3.326	3.220	3.096	3.169	3.164	3.256	3.222	2.7
1,2-Dibromo-3-chloropropane	0.493	0.423	0.460	0.440	0.480	0.453	0.520	0.467	7.1
1,2,4-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1
Hexachlorobutadiene	1.531	1.225	1.202	1.165	1.166	1.177	1.223	1.241	10.5
Naphthalene	1.598	1.418	1.353	1.358	1.524	1.531	1.749	1.504	9.5
1,2,3-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 12/4/02 Time: 13:32

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

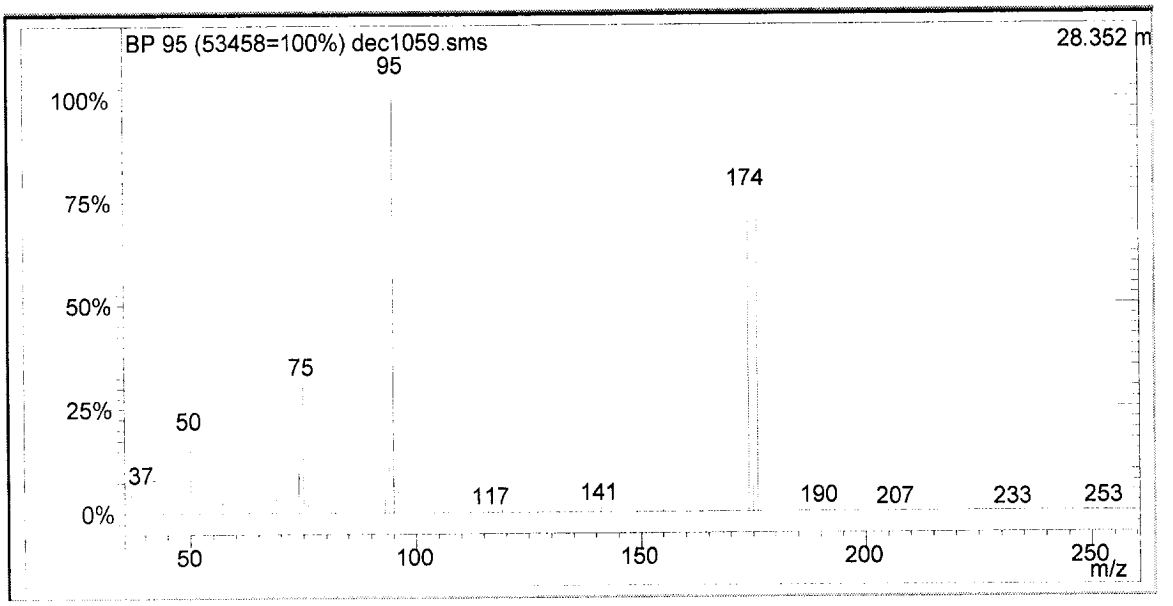
Lab File ID: c:\saturnws\data\6dec02\dec1060.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.000	0.100	100.0	20.0
Chloromethane	0.203	0.280	0.100	-37.8	20.0
Vinyl Chloride	0.425	0.510	0.100	-19.8	20.0
Bromomethane	0.171	0.000	0.100	100.0	20.0
Trichlorofluoromethane	0.915	1.252	0.100	-36.7	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.323	0.100	-32.3	20.0
Acetone	0.056	0.055	0.100	1.0	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.000	0.100	100.0	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.045	0.100	5.8	20.0
tert-Butanol	0.018	0.108	0.100	-512.2	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.504	0.100	5.5	20.0
t-1,2-Dichloroethene	0.813	1.052	0.100	-29.4	20.0
1,1-Dichloroethane	0.576	0.691	0.100	-20.1	20.0
Isopropyl ether	0.770	0.939	0.100	-22.0	20.0
Ethyl-tert-butyl-ether	0.834	0.964	0.100	-15.5	20.0
2,2-Dichloropropane	0.847	0.898	0.100	-6.0	20.0
c-1,2-Dichloroethene	0.854	0.925	0.100	-8.3	20.0
2-Butanone (MEK)	0.080	0.088	0.100	-10.0	20.0
Bromochloromethane	0.508	0.527	0.100	-3.9	20.0
Methacrylonitrile	0.459	0.000	0.100	100.0	20.0
Chloroform	1.030	1.103	0.100	-7.1	20.0
1,1,1-Trichloroethane	1.301	1.490	0.100	-14.6	20.0
Dibromofluoromethane (Surr1)	0.214	0.234	0.100	-9.5	20.0
Carbon Tetrachloride	1.032	1.200	0.100	-16.2	20.0
1,1-Dichloropropene	0.524	0.000	0.100	100.0	20.0
Benzene	0.789	0.851	0.100	-7.9	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.282	0.100	-5.5	20.0
1,2-Dichloroethane	0.534	0.620	0.100	-16.1	20.0
tert-Amyl-methyl-ether	0.919	0.967	0.100	-5.3	20.0
Trichloroethene	1.695	1.928	0.100	-13.8	20.0
1,2-Dichloropropane	0.439	0.491	0.100	-11.9	20.0
Dibromomethane	0.571	0.603	0.100	-5.6	20.0
Bromodichloromethane	1.206	1.215	0.100	-0.8	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.308	0.100	-9.4	20.0
c-1,3-Dichloropropene	1.313	1.259	0.100	4.1	20.0
4-Methyl-2-pentanone	0.369	0.419	0.100	-13.5	20.0
Toluene-d8 (Surr3)	1.443	1.418	0.100	1.7	20.0
Toluene	3.547	3.821	0.100	-7.7	20.0
t-1,3-Dichloropropene	0.535	0.525	0.100	1.9	20.0
1,1,2-Trichloroethane	0.658	0.697	0.100	-5.9	20.0
Tetrachloroethene	0.154	0.168	0.100	-8.7	20.0
1,3-Dichloropropane	0.978	0.947	0.100	3.1	20.0
Dibromochloromethane	0.725	0.745	0.100	-2.9	20.0
1,2-Dibromoethane	0.806	0.803	0.100	0.3	20.0
1-Chlorohexane	2.501	2.743	0.100	-9.7	20.0
Chlorobenzene	2.036	2.082	0.100	-2.3	20.0
Ethylbenzene	8.758	9.617	0.100	-9.8	20.0
1,1,1,2-Tetrachloroethane	5.050	2.307	0.100	54.3	20.0
p,m-Xylenes	7.408	7.996	0.100	-7.9	20.0
o-Xylene	7.649	8.159	0.100	-6.7	20.0
Styrene	4.782	4.894	0.100	-2.3	20.0
Bromoform	1.009	1.139	0.100	-12.9	20.0
Isopropylbenzene	8.424	9.693	0.100	-15.1	20.0
cis-1,4-Dichloro-2-butene	0.612	0.617	0.100	-0.8	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.472	0.100	-7.4	20.0
1,1,2,2-Tetrachloroethane	1.446	1.390	0.100	3.8	20.0
Bromobenzene	3.383	3.511	0.100	-3.8	20.0
n-Propylbenzene	9.676	10.225	0.100	-5.7	20.0
trans-1,4-Dichloro-2-butene	0.612	0.000	0.100	100.0	20.0
1,2,3-Trichloropropane	0.897	0.964	0.100	-7.5	20.0
2-Chlorotoluene	6.242	6.611	0.100	-5.9	20.0
1,3,5-Trimethylbenzene	7.683	8.798	0.100	-14.5	20.0
4-Chlorotoluene	5.574	6.007	0.100	-7.8	20.0
tert-Butylbenzene	10.325	11.731	0.100	-13.6	20.0
1,2,4-Trimethylbenzene	6.966	7.617	0.100	-9.3	20.0
Pentachloroethane	0.031	0.030	0.100	3.8	20.0
sec-Butylbenzene	8.280	9.132	0.100	-10.3	20.0
4-Isopropyltoluene	5.386	6.035	0.100	-12.0	20.0
1,3-Dichlorobenzene	3.604	3.721	0.100	-3.2	20.0
1,4-Dichlorobenzene	3.412	3.253	0.100	4.7	20.0
Benzyl Chloride	4.267	4.268	0.100	0.0	20.0
n-Butylbenzene	6.210	6.021	0.100	3.0	20.0
1,2-Dichlorobenzene	3.222	3.191	0.100	1.0	20.0
1,2-Dibromo-3-chloropropane	0.467	0.425	0.100	9.0	20.0
1,2,4-Trichlorobenzene	1.625	1.250	0.100	23.1	20.0
Hexachlorobutadiene	1.241	1.028	0.100	17.2	20.0
Naphthalene	1.504	1.153	0.100	23.4	20.0
1,2,3-Trichlorobenzene	1.625	1.104	0.100	32.0	20.0

BFB 8260B Report



Lab File ID dec1059.sms

Injection Date: 12/4/02

Injection Time: 12:44

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	18.96	PASS
75	30-60% of m/z 95	31.88	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	6.59	PASS
173	<2% of m/z 174	1.33	PASS
174	>50% of m/z 95	77.26	PASS
175	5-9% of m/z 174	7.65	PASS
176	>95% but <101% of m/z 174	97.48	PASS
177	5-9% of m/z 176	7.03	PASS

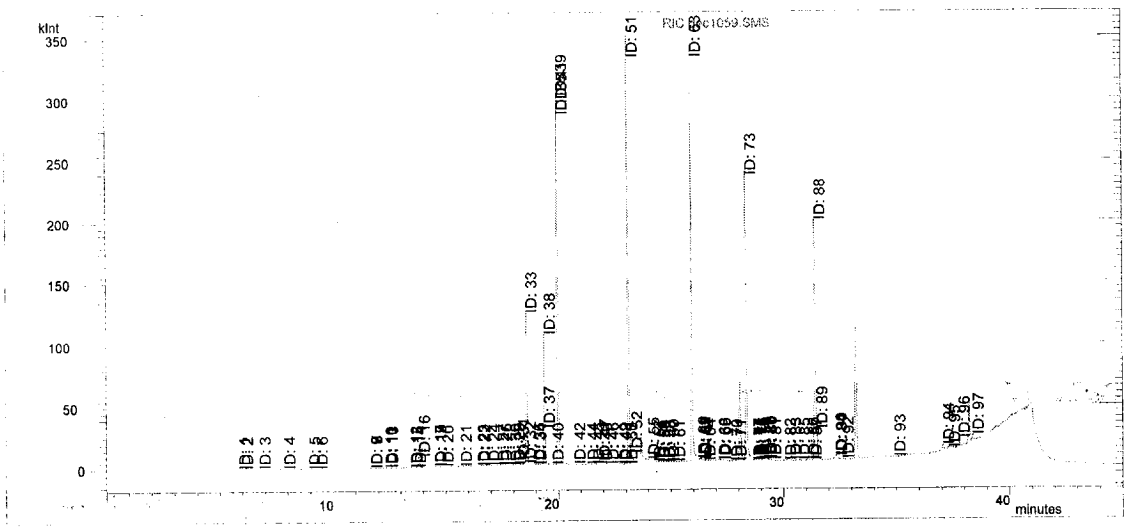
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1059.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 1 **Acquisition Dat** 12/4/02 12:44:32 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.992	96+70	Fluorobenzene (IS1)	999	486335	50.000
63	25.945	117	Chlorobenzene-d5(IS2)	989	297257	50.000
88	31.416	152	1,4-Dichlorobenzene-d4(IS3)	981	119378	50.000
1	5.845	85	Dichlorodifluoromethane	64	0	0.000
2	5.987	50+52	Chloromethane	589	0	0.000
3	6.756	62+64	Vinyl Chloride	642	0	0.000
4	7.857	94+96	Bromomethane	740	0	0.000
5	8.946	49	Chloroethane	654	0	0.000
6	9.282	101+103	Trichlorofluoromethane	833	135	0.015
7	11.681	101+151	Trichlorotrifluoroethane (Freon 113)	525	0	0.000
8	11.681	56	Acrolein	705	0	0.000
9	11.704	96+61+98	1,1-Dichloroethene	803	0	0.000
10	12.321	142	Iodomethane	892	172	171.907
11	12.359	43+58	Acetone	714	0	0.000
12	13.449	45	Isopropyl alcohol (2-Propanol)	246	0	0.000
13	12.399	76	Carbon disulfide	865	0	0.000
14	13.630	41	Acetonitrile	421	0	0.000
15	13.500	41	Allyl chloride	607	0	0.000
16	13.808	84+49+86	Methylene Chloride	993	21132	1.958
17	14.517	59	tert-Butanol	426	0	0.000
18	14.540	73	Methyl-tert-butyl-ether (MTBE)	873	0	0.000
19	14.540	61+96	t-1,2-Dichloroethene	834	0	0.000
20	14.860	53	Acrylonitrile	753	0	0.000
21	15.669	63	1,1-Dichloroethane	750	0	0.000
22	16.490	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.427	45	Isopropyl ether	372	0	0.000
24	16.900	59	Ethyl-tert-butyl-ether	667	0	0.000
25	17.441	77+41	2,2-Dichloropropane	489	0	0.000
26	17.453	61+96	c-1,2-Dichloroethene	817	0	0.000
27	17.311	43+72	2-Butanone (MEK)	234	0	0.000
28	18.017	54	Propionitrile	547	0	0.000
29	18.041	130+49	Bromochloromethane	910	375	0.076
30	17.863	39	Methacrylonitrile	356	0	0.000
31	18.220	83+85	Chloroform	985	8680	0.866
32	18.530	97+99	1,1,1-Trichloroethane	643	0	0.000
33	18.597	111	Dibromofluoromethane (Surr1)	744	111361	53.604
34	18.985	117+119	Carbon Tetrachloride	566	0	0.000
35	19.995	42+72	Tetrahydrofuran	309	459	458.692
36	18.895	75+39	1,1-Dichloropropene	598	0	0.000
37	19.360	78	Benzene	730	687	0.090
38	19.394	65	1,2-Dichloroethane-d4 (Surr2)	917	150168	57.805
39	19.991	62+64	1,2-Dichloroethane	412	12412	2.389
40	19.743	73+55+87	tert-Amyl-methyl-ether	588	0	0.000
42	20.724	130+132+95	Trichloroethene	851	0	0.000
43	21.904	41	Methyl methacrylate	350	0	0.000
44	21.288	63+65	1,2-Dichloropropane	608	0	0.000
45	21.544	93+174	Dibromomethane	849	0	0.000
46	22.199	88	1,4-Dioxane	383	0	0.000
47	21.818	83+85	Bromodichloromethane	953	4537	0.633
48	22.764	63+43	2-Chloroethyl vinyl ether	384	0	0.000
49	22.701	75+77+39	c-1,3-Dichloropropene	591	0	0.000
50	23.020	43+58	4-Methyl-2-pentanone	362	0	0.000
51	23.122	98	Toluene-d8 (Surr3)	993	441536	51.474
52	23.253	92+91	Toluene	900	3888	0.184
53	24.432	69	Ethyl methacrylate	379	0	0.000
54	24.460	43+58+100	2-Hexanone	441	0	0.000
55	23.995	75+77	t-1,3-Dichloropropene	418	0	0.000
56	24.495	97+99	1,1,2-Trichloroethane	558	0	0.000
57	24.254	164+166	Tetrachloroethene	490	0	0.000
58	24.716	76+41	1,3-Dichloropropane	569	0	0.000
59	24.460	43	Isobutyl alcohol	372	0	0.000
60	24.877	129+127	Dibromochloromethane	878	1061	0.246
61	25.150	107+109	1,2-Dibromoethane	640	0	0.000
62	26.300	91	1-Chlorohexane	899	0	0.000
64	26.504	112+114	Chlorobenzene	603	0	0.000
65	26.300	106+91	Ethylbenzene	874	0	0.000
66	26.209	131+117	1,1,1,2-Tetrachloroethane	493	0	0.000
67	26.326	106+91	p,m-Xylenes	967	2080	0.118
68	27.147	106+91	o-Xylene	968	0	0.000
69	27.199	104+78	Styrene	939	0	0.000
70	27.696	171+173+175	Bromoform	800	0	0.000
71	27.878	105+120	Isopropylbenzene	911	0	0.000
72	28.897	75	cis-1,4-Dichloro-2-butene	598	0	0.000
73	28.353	95	p-Bromofluorobenzene (Surr4)	988	182800	55.876
74	28.984	83+85	1,1,2,2-Tetrachloroethane	612	0	0.000
75	28.743	77+158	Bromobenzene	932	0	0.000
76	28.818	91+120	n-Propylbenzene	914	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.664	75	trans-1,4-Dichloro-2-butene	460	0	0.000
78	29.177	75+110	1,2,3-Trichloropropane	479	0	0.000
79	29.153	91+126	2-Chlorotoluene	879	0	0.000
80	29.228	105+120	1,3,5-Trimethylbenzene	971	0	0.000
81	29.421	91+126	4-Chlorotoluene	906	0	0.000
82	30.076	119+91	tert-Butylbenzene	940	0	0.000
83	30.305	105+120	1,2,4-Trimethylbenzene	979	0	0.000
84	32.343	117	Pentachloroethane	976	0	0.000
85	30.692	105+134	sec-Butylbenzene	970	0	0.000
86	31.090	119	4-Isopropyltoluene	973	0	0.000
87	31.217	146+148	1,3-Dichlorobenzene	894	0	0.000
89	31.482	146+148	1,4-Dichlorobenzene	446	0	0.000
90	32.328	91	Benzyl Chloride	986	0	0.000
91	32.324	91+134	n-Butylbenzene	986	6101	0.412
92	32.635	146+148	1,2-Dichlorobenzene	920	0	0.000
93	34.930	75+157	1,2-Dibromo-3-chloropropane	688	0	0.000
94	37.074	180+182	1,2,4-Trichlorobenzene	973	5323	1.372
95	37.346	225+226	Hexachlorobutadiene	973	0	0.000
96	37.768	128	Naphthalene	980	7972	2.220
97	38.390	180+182	1,2,3-Trichlorobenzene	973	4791	1.235

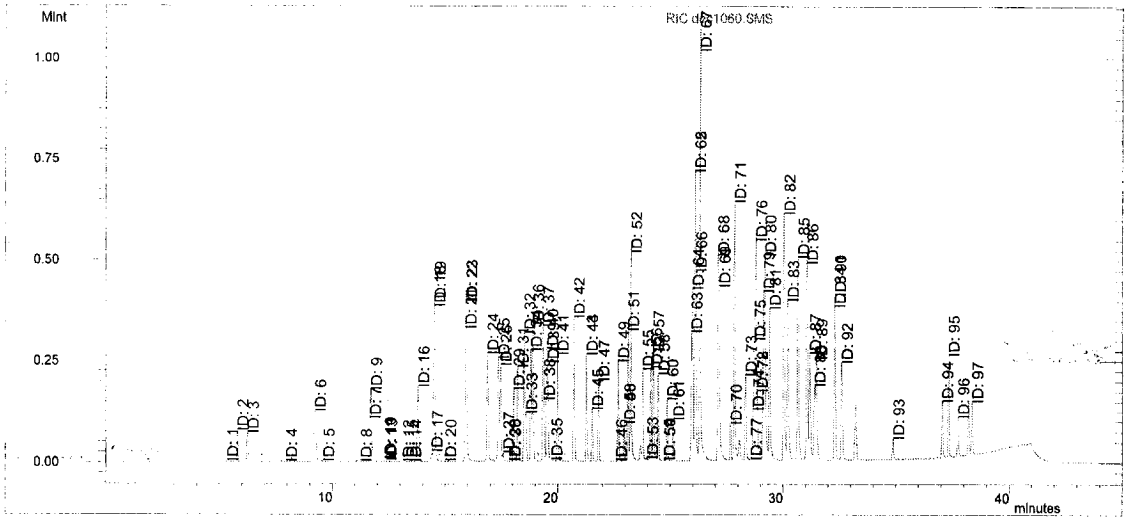
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1060.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv **Acquisition Dat** 12/4/02 1:32:04 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.994	96+70	Fluorobenzene (IS1)	999	421004	50.000
63	25.945	117	Chlorobenzene-d5(IS2)	991	267036	50.000
88	31.415	152	1,4-Dichlorobenzene-d4(IS3)	969	109316	50.000
1	5.356	85	Dichlorodifluoromethane	570	0	0.000
2	5.809	50+52	Chloromethane	995	117898	68.903
3	6.254	62+64	Vinyl Chloride	999	214642	59.911
4	7.970	94+96	Bromomethane	810	0	0.000
5	9.599	49	Chloroethane	96	0	0.000
6	9.240	101+103	Trichlorofluoromethane	995	526987	68.368
7	11.678	101+151	Trichlorotrifluoroethane (Freon 113)	815	0	0.000
8	11.264	56	Acrolein	751	0	0.000
9	11.709	96+61+98	1,1-Dichloroethene	999	556930	66.127
10	12.326	142	Iodomethane	982	1798	1797.688
11	12.338	43+58	Acetone	979	23281	49.517
12	13.134	45	Isopropyl alcohol (2-Propanol)	504	0	0.000
13	12.388	76	Carbon disulfide	931	0	0.000
14	13.465	41	Acetonitrile	569	0	0.000
15	13.288	41	Allyl chloride	706	0	0.000
16	13.808	84+49+86	Methylene Chloride	996	439939	47.087
17	14.403	59	tert-Butanol	571	45284	306.116
18	14.520	73	Methyl-tert-butyl-ether (MTBE)	920	211979	47.257
19	14.533	61+96	t-1,2-Dichloroethene	987	442757	64.680
20	15.015	53	Acrylonitrile	602	0	0.000
21	15.918	63	1,1-Dichloroethane	984	291066	60.027
22	15.946	43	Vinyl acetate	789	163290	163289.500

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.945	45	Isopropyl ether	995	395191	60.977
24	16.890	59	Ethyl-tert-butyl-ether	999	405714	57.760
25	17.368	77+41	2,2-Dichloropropane	993	378100	52.993
26	17.461	61+96	c-1,2-Dichloroethene	991	389518	54.158
27	17.575	43+72	2-Butanone (MEK)	952	37069	55.020
28	17.839	54	Propionitrile	486	0	0.000
29	18.046	130+49	Bromochloromethane	996	222003	51.944
30	17.890	39	Methacrylonitrile	517	0	0.000
31	18.219	83+85	Chloroform	1000	464428	53.533
32	18.526	97+99	1,1,1-Trichloroethane	984	627441	57.283
33	18.599	111	Dibromofluoromethane (Surr1)	945	98454	54.746
34	18.815	117+119	Carbon Tetrachloride	970	505152	58.110
35	19.719	42+72	Tetrahydrofuran	584	0	0.000
36	18.896	75+39	1,1-Dichloropropene	993	0	0.000
37	19.354	78	Benzene	996	358081	53.933
38	19.396	65	1,2-Dichloroethane-d4 (Surr2)	987	118619	52.746
39	19.563	62+64	1,2-Dichloroethane	975	261005	58.028
40	19.529	73+55+87	tert-Amyl-methyl-ether	979	407295	52.626
42	20.725	130+132+95	Trichloroethene	986	514799	56.877
43	21.289	41	Methyl methacrylate	519	98599	98598.530
44	21.289	63+65	1,2-Dichloropropane	999	131163	55.940
45	21.540	93+174	Dibromomethane	953	161055	52.819
46	22.595	88	1,4-Dioxane	526	0	0.000
47	21.818	83+85	Bromodichloromethane	990	324465	50.392
48	22.952	63+43	2-Chloroethyl vinyl ether	996	82345	54.684
49	22.692	75+77+39	c-1,3-Dichloropropene	991	336285	47.943
50	22.953	43+58	4-Methyl-2-pentanone	995	111883	56.770
51	23.124	98	Toluene-d8 (Surr3)	993	378569	49.128
52	23.255	92+91	Toluene	996	1020461	53.862
53	23.994	69	Ethyl methacrylate	393	0	0.000
54	24.732	43+58+100	2-Hexanone	353	0	0.000
55	23.786	75+77	t-1,3-Dichloropropene	645	140199	49.052
56	24.148	97+99	1,1,2-Trichloroethane	973	186073	52.959
57	24.258	164+166	Tetrachloroethene	960	44810	54.371
58	24.487	76+41	1,3-Dichloropropane	986	252971	48.441
59	24.732	43	Isobutyl alcohol	632	0	0.000
60	24.875	129+127	Dibromochloromethane	955	199046	51.430
61	25.146	107+109	1,2-Dibromoethane	985	214534	49.833
62	26.104	91	1-Chlorohexane	997	732385	54.842
64	26.002	112+114	Chlorobenzene	993	555971	51.132
65	26.104	106+91	Ethylbenzene	997	1051272	54.901
66	26.144	131+117	1,1,1,2-Tetrachloroethane	982	252191	22.843
67	26.322	106+91	p,m-Xylenes	996	1748180	107.933
68	27.136	106+91	o-Xylene	995	891909	53.335
69	27.183	104+78	Styrene	985	535034	51.172
70	27.687	171+173+175	Bromoform	918	124501	56.460
71	27.859	105+120	Isopropylbenzene	999	1059639	57.531
72	28.857	75	cis-1,4-Dichloro-2-butene	970	67447	50.396
73	28.353	95	p-Bromofluorobenzene (Surr4)	988	160905	53.710
74	28.682	83+85	1,1,2,2-Tetrachloroethane	954	151999	48.085
75	28.743	77+158	Bromobenzene	985	383768	51.886
76	28.800	91+120	n-Propylbenzene	995	1117750	52.839

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.585	75	trans-1,4-Dichloro-2-butene	399	0	0.000
78	28.857	75+110	1,2,3-Trichloropropane	967	105396	53.763
79	29.144	91+126	2-Chlorotoluene	991	722674	52.954
80	29.217	105+120	1,3,5-Trimethylbenzene	997	961790	57.261
81	29.425	91+126	4-Chlorotoluene	991	656618	53.878
82	30.062	119+91	tert-Butylbenzene	982	1282361	56.810
83	30.232	105+120	1,2,4-Trimethylbenzene	995	832662	54.670
84	32.303	117	Pentachloroethane	989	3288	48.083
85	30.679	105+134	sec-Butylbenzene	996	998267	55.142
86	31.074	119	4-Isopropyltoluene	989	659690	56.020
87	31.208	146+148	1,3-Dichlorobenzene	988	406778	51.620
89	31.489	146+148	1,4-Dichlorobenzene	985	355602	47.662
90	32.310	91	Benzyl Chloride	990	466583	50.018
91	32.310	91+134	n-Butylbenzene	990	658156	48.477
92	32.625	146+148	1,2-Dichlorobenzene	985	348793	49.517
93	34.901	75+157	1,2-Dibromo-3-chloropropane	960	46464	45.505
94	37.068	180+182	1,2,4-Trichlorobenzene	976	136623	38.455
95	37.343	225+226	Hexachlorobutadiene	993	112361	41.401
96	37.763	128	Naphthalene	981	125989	38.304
97	38.385	180+182	1,2,3-Trichlorobenzene	983	120721	33.979

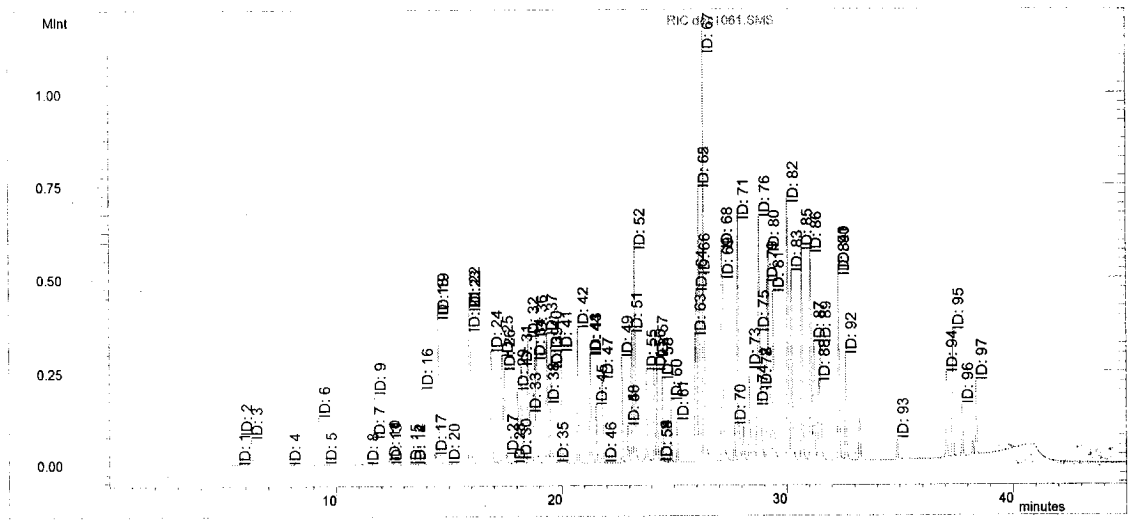
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1061.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 1 **Acquisition Dat** 12/4/02 2:19:24 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.997	96+70	Fluorobenzene (IS1)	999	495816	50.000
63	25.948	117	Chlorobenzene-d5(IS2)	991	289112	50.000
88	31.419	152	1,4-Dichlorobenzene-d4(IS3)	968	130272	50.000
1	5.715	85	Dichlorodifluoromethane	601	0	0.000
2	5.810	50+52	Chloromethane	994	130060	64.542
3	6.259	62+64	Vinyl Chloride	999	222100	52.639
4	7.943	94+96	Bromomethane	802	0	0.000
5	9.530	49	Chloroethane	103	0	0.000
6	9.247	101+103	Trichlorofluoromethane	995	535767	59.020
7	11.673	101+151	Trichlorotrifluoroethane (Freon 113)	845	612	35.467
8	11.377	56	Acrolein	636	0	0.000
9	11.716	96+61+98	1,1-Dichloroethene	1000	595415	60.029
10	12.337	142	Iodomethane	949	1755	1754.955
11	12.337	43+58	Acetone	984	29391	53.080
12	13.465	45	Isopropyl alcohol (2-Propanol)	258	0	0.000
13	12.411	76	Carbon disulfide	924	0	0.000
14	13.477	41	Acetonitrile	509	0	0.000
15	13.283	41	Allyl chloride	756	0	0.000
16	13.811	84+49+86	Methylene Chloride	996	496822	45.152
17	14.401	59	tert-Butanol	592	50678	290.888
18	14.522	73	Methyl-tert-butyl-ether (MTBE)	930	233602	44.220
19	14.538	61+96	t-1,2-Dichloroethene	976	451437	55.998
20	14.984	53	Acrylonitrile	689	0	0.000
21	15.920	63	1,1-Dichloroethane	983	307925	53.922
22	15.948	43	Vinyl acetate	731	171831	171831.200

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.950	45	Isopropyl ether	980	422850	55.400
24	16.894	59	Ethyl-tert-butyl-ether	999	471557	57.004
25	17.372	77+41	2,2-Dichloropropane	993	444244	52.869
26	17.464	61+96	c-1,2-Dichloroethene	991	429248	50.676
27	17.573	43+72	2-Butanone (MEK)	957	44965	56.670
28	17.881	54	Propionitrile	257	0	0.000
29	18.050	130+49	Bromochloromethane	990	247605	49.193
30	18.167	39	Methacrylonitrile	468	0	0.000
31	18.224	83+85	Chloroform	999	523669	51.253
32	18.531	97+99	1,1,1-Trichloroethane	984	683260	52.967
33	18.602	111	Dibromofluoromethane (Surr1)	924	115319	54.448
34	18.819	117+119	Carbon Tetrachloride	967	527709	51.545
35	19.800	42+72	Tetrahydrofuran	614	0	0.000
36	18.903	75+39	1,1-Dichloropropene	993	54545	10.501
37	19.356	78	Benzene	996	373221	47.732
38	19.400	65	1,2-Dichloroethane-d4 (Surr2)	998	129684	48.965
39	19.567	62+64	1,2-Dichloroethane	978	282150	53.264
40	19.531	73+55+87	tert-Amyl-methyl-ether	980	449710	49.339
42	20.729	130+132+95	Trichloroethene	986	531207	54.209
43	21.293	41	Methyl methacrylate	533	109835	109834.500
44	21.292	63+65	1,2-Dichloropropane	999	141986	55.932
45	21.544	93+174	Dibromomethane	958	190720	57.771
46	21.947	88	1,4-Dioxane	669	11	11.408
47	21.821	83+85	Bromodichloromethane	990	371871	53.344
48	22.955	63+43	2-Chloroethyl vinyl ether	991	92788	56.913
49	22.695	75+77+39	c-1,3-Dichloropropene	991	394322	51.924
50	22.955	43+58	4-Methyl-2-pentanone	991	126124	59.109
51	23.127	98	Toluene-d8 (Surr3)	993	437431	52.432
52	23.257	92+91	Toluene	997	1130630	55.121
53	24.426	69	Ethyl methacrylate	430	0	0.000
54	24.414	43+58+100	2-Hexanone	447	0	0.000
55	23.790	75+77	t-1,3-Dichloropropene	648	173686	56.128
56	24.152	97+99	1,1,2-Trichloroethane	972	207318	54.500
57	24.263	164+166	Tetrachloroethene	961	47355	53.071
58	24.490	76+41	1,3-Dichloropropane	993	279400	49.417
59	24.414	43	Isobutyl alcohol	322	0	0.000
60	24.878	129+127	Dibromochloromethane	949	230576	55.027
61	25.149	107+109	1,2-Dibromoethane	983	245834	52.744
62	26.107	91	1-Chlorohexane	997	787670	54.478
64	26.005	112+114	Chlorobenzene	993	602423	51.173
65	26.107	106+91	Ethylbenzene	997	1134044	49.697
66	26.147	131+117	1,1,1,2-Tetrachloroethane	981	273459	20.785
67	26.325	106+91	p,m-Xylenes	996	1969155	102.019
68	27.140	106+91	o-Xylene	996	1002049	50.282
69	27.187	104+78	Styrene	985	624321	50.106
70	27.691	171+173+175	Bromoform	930	139092	52.931
71	27.863	105+120	Isopropylbenzene	999	1161330	52.909
72	28.859	75	cis-1,4-Dichloro-2-butene	970	78234	49.053
73	28.357	95	p-Bromofluorobenzene (Surr4)	987	195047	54.634
74	28.686	83+85	1,1,2,2-Tetrachloroethane	972	188602	50.067
75	28.744	77+158	Bromobenzene	985	451779	51.255
76	28.802	91+120	n-Propylbenzene	995	1308130	51.891

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.859	75	trans-1,4-Dichloro-2-butene	365	78027	48.923
78	28.859	75+110	1,2,3-Trichloropropane	967	120732	51.679
79	29.146	91+126	2-Chlorotoluene	991	810978	49.865
80	29.221	105+120	1,3,5-Trimethylbenzene	998	1102879	55.099
81	29.429	91+126	4-Chlorotoluene	992	773671	53.271
82	30.065	119+91	tert-Butylbenzene	985	1502510	55.855
83	30.237	105+120	1,2,4-Trimethylbenzene	995	1054036	58.073
84	32.308	117	Pentachloroethane	990	4786	58.727
85	30.683	105+134	sec-Butylbenzene	996	1157905	53.671
86	31.078	119	4-Isopropyltoluene	987	777067	55.372
87	31.212	146+148	1,3-Dichlorobenzene	984	506333	53.918
89	31.494	146+148	1,4-Dichlorobenzene	985	458688	51.590
90	32.312	91	Benzyl Chloride	991	611191	54.980
91	32.312	91+134	n-Butylbenzene	991	867934	53.645
92	32.628	146+148	1,2-Dichlorobenzene	985	432028	51.468
93	34.903	75+157	1,2-Dibromo-3-chloropropane	963	58700	48.242
94	37.072	180+182	1,2,4-Trichlorobenzene	976	230619	54.471
95	37.348	225+226	Hexachlorobutadiene	981	158731	49.079
96	37.766	128	Naphthalene	981	184623	47.101
97	38.388	180+182	1,2,3-Trichlorobenzene	983	189136	44.673

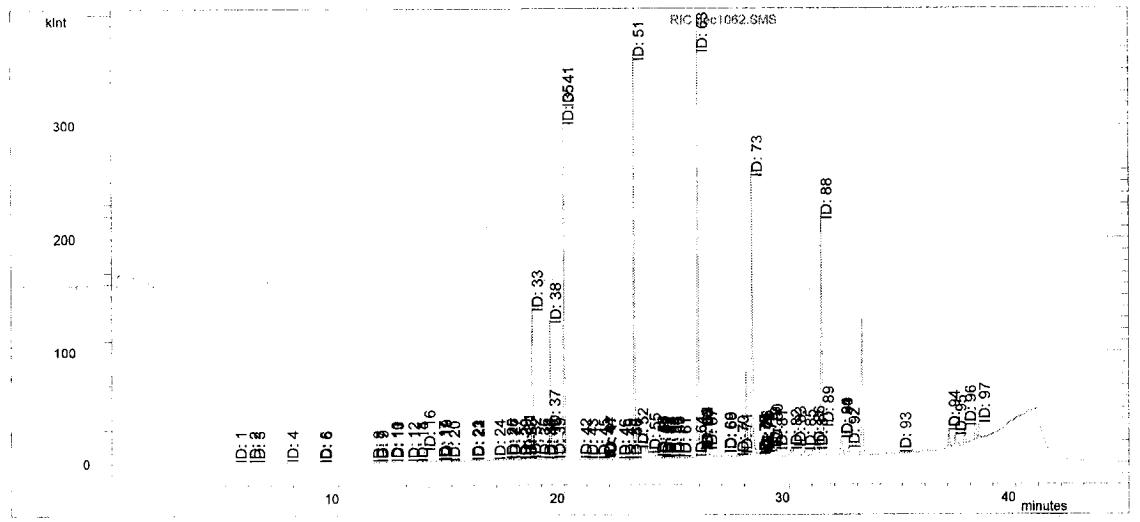
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1062.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-033 5.53g **Acquisition Dat** 12/4/02 3:06:18 PM

Inj. Notes: ~~3.0g -> 20ml re-run~~ dp **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.991	96+70	Fluorobenzene (IS1)	999	515749	50.000
63	25.946	117	Chlorobenzene-d5(IS2)	982	326378	50.000
88	31.418	152	1,4-Dichlorobenzene-d4(IS3)	978	130589	50.000
1	5.458	85	Dichlorodifluoromethane	170	0	0.000
2	6.062	50+52	Chloromethane	639	0	0.000
3	6.255	62+64	Vinyl Chloride	760	0	0.000
4	7.743	94+96	Bromomethane	818	0	0.000
5	9.179	49	Chloroethane	678	0	0.000
6	9.231	101+103	Trichlorofluoromethane	856	0	0.000
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	797	0	0.000
8	11.527	56	Acrolein	748	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	925	0	0.000
10	12.326	142	Iodomethane	919	238	237.534
11	12.333	43+58	Acetone	768	1071	1.859
12	13.090	45	Isopropyl alcohol (2-Propanol)	550	0	0.000
13	12.399	76	Carbon disulfide	850	0	0.000
14	13.476	41	Acetonitrile	471	0	0.000
15	13.476	41	Allyl chloride	584	0	0.000
16	13.804	84+49+86	Methylene Chloride	982	23740	2.074
17	14.427	59	tert-Butanol	405	0	0.000
18	14.529	73	Methyl-tert-butyl-ether (MTBE)	853	0	0.000
19	14.529	61+96	t-1,2-Dichloroethene	911	0	0.000
20	14.900	53	Acrylonitrile	673	0	0.000
21	15.926	63	1,1-Dichloroethane	744	0	0.000
22	15.978	43	Vinyl acetate	128	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.938	45	Isopropyl ether	560	0	0.000
24	16.913	59	Ethyl-tert-butyl-ether	673	0	0.000
25	17.438	77+41	2,2-Dichloropropane	393	0	0.000
26	17.461	61+96	c-1,2-Dichloroethene	892	625	0.071
27	17.580	43+72	2-Butanone (MEK)	726	0	0.000
28	18.286	54	Propionitrile	459	0	0.000
29	18.048	130+49	Bromochloromethane	921	629	0.120
30	18.081	39	Methacrylonitrile	402	0	0.000
31	18.218	83+85	Chloroform	985	8683	0.817
32	18.503	97+99	1,1,1-Trichloroethane	580	596	0.044
33	18.594	111	Dibromofluoromethane (Surr1)	743	118652	53.857
34	19.125	117+119	Carbon Tetrachloride	488	0	0.000
35	19.987	42+72	Tetrahydrofuran	323	357	357.133
36	18.892	75+39	1,1-Dichloropropene	713	0	0.000
37	19.355	78	Benzene	871	1402	0.172
38	19.392	65	1,2-Dichloroethane-d4 (Surr2)	952	170810	82.001
39	19.565	62+64	1,2-Dichloroethane	581	0	0.000
40	19.239	73+55+87	tert-Amyl-methyl-ether	395	0	0.000
42	20.726	130+132+95	Trichloroethene	896	634	0.057
43	21.021	41	Methyl methacrylate	447	0	0.000
44	21.792	63+65	1,2-Dichloropropane	597	0	0.000
45	21.534	93+174	Dibromomethane	865	0	0.000
46	22.445	88	1,4-Dioxane	388	0	0.000
47	21.819	83+85	Bromodichloromethane	960	4460	0.567
48	22.969	63+43	2-Chloroethyl vinyl ether	635	0	0.000
49	22.701	75+77+39	c-1,3-Dichloropropene	799	0	0.000
50	22.969	43+58	4-Methyl-2-pentanone	672	0	0.000
51	23.123	98	Toluene-d8 (Surr3)	993	466347	49.515
52	23.260	92+91	Toluene	910	5307	0.229
53	24.380	69	Ethyl methacrylate	325	0	0.000
54	24.739	43+58+100	2-Hexanone	557	0	0.000
55	23.793	75+77	t-1,3-Dichloropropene	453	0	0.000
56	24.152	97+99	1,1,2-Trichloroethane	841	0	0.000
57	24.264	164+166	Tetrachloroethene	771	124	0.123
58	24.483	76+41	1,3-Dichloropropane	786	0	0.000
59	24.739	43	Isobutyl alcohol	513	0	0.000
60	24.873	129+127	Dibromochloromethane	880	1016	0.215
61	25.150	107+109	1,2-Dibromoethane	930	0	0.000
62	26.112	91	1-Chlorohexane	960	0	0.000
64	25.844	112+114	Chlorobenzene	741	0	0.000
65	26.112	106+91	Ethylbenzene	960	0	0.000
66	26.138	131+117	1,1,1,2-Tetrachloroethane	229	0	0.000
67	26.320	106+91	p,m-Xylenes	985	0	0.000
68	27.136	106+91	o-Xylene	953	2215	0.111
69	27.185	104+78	Styrene	949	1858	0.149
70	27.695	171+173+175	Bromoform	822	0	0.000
71	27.871	105+120	Isopropylbenzene	972	3632	0.165
72	28.851	75	cis-1,4-Dichloro-2-butene	713	0	0.000
73	28.355	95	p-Bromofluorobenzene (Surr4)	987	197397	55.158
74	28.693	83+85	1,1,2,2-Tetrachloroethane	672	0	0.000
75	28.748	77+158	Bromobenzene	972	2505	0.284
76	28.804	91+120	n-Propylbenzene	952	3792	0.150

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.657	75	trans-1,4-Dichloro-2-butene	463	0	0.000
78	28.863	75+110	1,2,3-Trichloropropane	669	0	0.000
79	29.153	91+126	2-Chlorotoluene	967	0	0.000
80	29.219	105+120	1,3,5-Trimethylbenzene	986	4704	0.234
81	29.437	91+126	4-Chlorotoluene	969	0	0.000
82	30.076	119+91	tert-Butylbenzene	967	7881	0.292
83	30.231	105+120	1,2,4-Trimethylbenzene	989	14053	0.772
84	32.305	117	Pentachloroethane	991	0	0.000
85	30.691	105+134	sec-Butylbenzene	984	0	0.000
86	31.086	119	4-Isopropyltoluene	986	12550	0.892
87	31.211	146+148	1,3-Dichlorobenzene	957	6945	0.738
89	31.493	146+148	1,4-Dichlorobenzene	698	9382	1.053
90	32.317	91	Benzyl Chloride	992	23395	2.099
91	32.316	91+134	n-Butylbenzene	991	30585	1.886
92	32.638	146+148	1,2-Dichlorobenzene	980	8411	1.000
93	34.912	75+157	1,2-Dibromo-3-chloropropane	884	0	0.000
94	37.075	180+182	1,2,4-Trichlorobenzene	976	14923	3.516
95	37.348	225+226	Hexachlorobutadiene	979	4478	1.381
96	37.767	128	Naphthalene	981	19589	4.986
97	38.391	180+182	1,2,3-Trichlorobenzene	979	13886	3.272

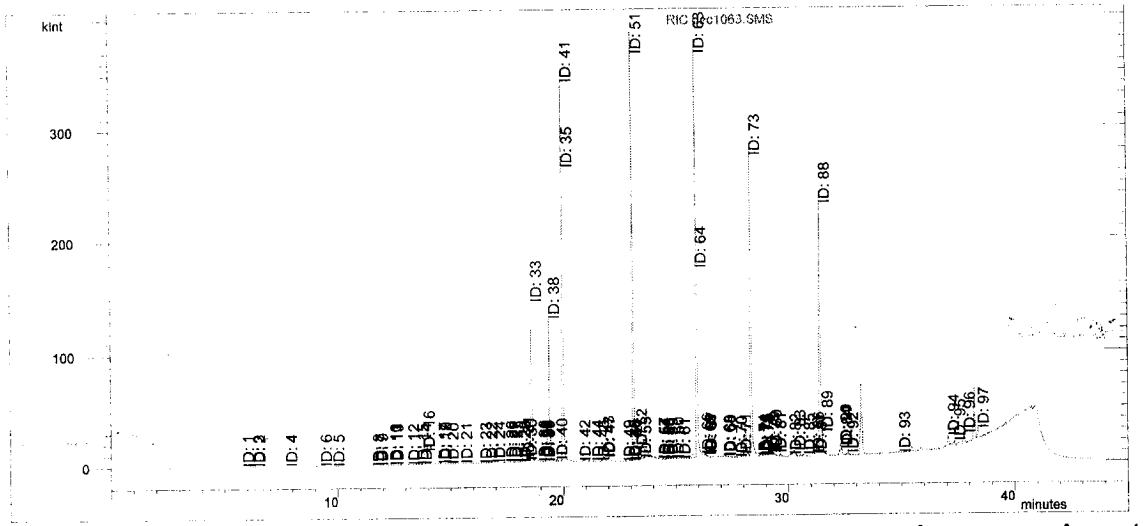
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1063.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-034 4.69g **Acquisition Dat** 12/4/02 3:53:23 PM

Inj. Notes: ~~3.0g -> 20ml rerun~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.995	96+70	Fluorobenzene (IS1)	999	559196	50.000
63	25.949	117	Chlorobenzene-d5(IS2)	982	332497	50.000
88	31.421	152	1,4-Dichlorobenzene-d4(IS3)	976	139329	50.000
1	5.817	85	Dichlorodifluoromethane	141	0	0.000
2	6.318	50+52	Chloromethane	621	0	0.000
3	6.255	62+64	Vinyl Chloride	824	0	0.000
4	7.731	94+96	Bromomethane	865	0	0.000
5	9.819	49	Chloroethane	119	0	0.000
6	9.254	101+103	Trichlorofluoromethane	763	0	0.000
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	878	0	0.000
8	11.563	56	Acrolein	748	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	810	130	0.012
10	12.323	142	Iodomethane	911	194	~~194.073~~
11	12.366	43+58	Acetone	748	938	1.502
12	13.141	45	Isopropyl alcohol (2-Propanol)	349	0	0.000
13	12.411	76	Carbon disulfide	855	0	0.000
14	13.666	41	Acetonitrile	685	0	0.000
15	13.512	41	Allyl chloride	378	0	0.000
16	13.811	84+49+86	Methylene Chloride	991	27352	2.204
17	14.461	59	tert-Butanol	355	133	0.675
18	14.540	73	Methyl-tert-butyl-ether (MTBE)	878	0	0.000
19	14.528	61+96	t-1,2-Dichloroethene	854	0	0.000
20	14.876	53	Acrylonitrile	645	0	0.000
21	15.476	63	1,1-Dichloroethane	617	0	0.000
22	16.592	43	Vinyl acetate	778	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.324	45	Isopropyl ether	474	0	0.000
24	16.928	59	Ethyl-tert-butyl-ether	545	0	0.000
25	17.733	77+41	2,2-Dichloropropane	392	0	0.000
26	17.464	61+96	c-1,2-Dichloroethene	793	0	0.000
27	17.606	43+72	2-Butanone (MEK)	647	0	0.000
28	18.068	54	Propionitrile	515	0	0.000
29	18.052	130+49	Bromochloromethane	887	383	0.067
30	18.342	39	Methacrylonitrile	499	593	0.115
31	18.224	83+85	Chloroform	996	8300	0.720
32	19.024	97+99	1,1,1-Trichloroethane	657	0	0.000
33	18.598	111	Dibromofluoromethane (Surr1)	746	128352	53.733
34	19.087	117+119	Carbon Tetrachloride	688	0	0.000
35	20.009	42+72	Tetrahydrofuran	322	155	154.560
36	18.921	75+39	1,1-Dichloropropene	491	0	0.000
37	19.099	78	Benzene	557	0	0.000
38	19.396	65	1,2-Dichloroethane-d4 (Surr2)	891	180201	60.328
39	19.138	62+64	1,2-Dichloroethane	518	0	0.000
40	19.708	73+55+87	tert-Amyl-methyl-ether	632	0	0.000
42	20.728	130+132+95	Trichloroethene	892	0	0.000
43	21.773	41	Methyl methacrylate	523	2089	2088.927
44	21.292	63+65	1,2-Dichloropropane	346	0	0.000
45	21.549	93+174	Dibromomethane	894	0	0.000
46	22.921	88	1,4-Dioxane	376	0	0.000
47	21.822	83+85	Bromodichloromethane	956	4809	0.600
48	22.973	63+43	2-Chloroethyl vinyl ether	717	0	0.000
49	22.692	75+77+39	c-1,3-Dichloropropene	703	0	0.000
50	22.975	43+58	4-Methyl-2-pentanone	716	516	0.210
51	23.126	98	Toluene-d8 (Surr3)	996	483492	50.391
52	23.256	92+91	Toluene	898	4486	0.190
53	24.462	69	Ethyl methacrylate	496	0	0.000
54	24.296	43+58+100	2-Hexanone	414	0	0.000
55	23.432	75+77	t-1,3-Dichloropropene	574	0	0.000
56	24.423	97+99	1,1,2-Trichloroethane	637	0	0.000
57	24.269	164+166	Tetrachloroethene	535	0	0.000
58	24.474	76+41	1,3-Dichloropropane	359	0	0.000
59	24.604	43	Isobutyl alcohol	290	0	0.000
60	24.881	129+127	Dibromochloromethane	908	954	0.198
61	25.157	107+109	1,2-Dibromoethane	871	0	0.000
62	26.294	91	1-Chlorohexane	892	0	0.000
64	25.924	112+114	Chlorobenzene	544	203	0.015
65	26.294	106+91	Ethylbenzene	892	0	0.000
66	26.165	131+117	1,1,1,2-Tetrachloroethane	680	0	0.000
67	26.334	106+91	p,m-Xylenes	976	0	0.000
68	27.141	106+91	o-Xylene	944	0	0.000
69	27.192	104+78	Styrene	942	0	0.000
70	27.681	171+173+175	Bromoform	846	0	0.000
71	27.871	105+120	Isopropylbenzene	998	4331	0.184
72	28.859	75	cis-1,4-Dichloro-2-butene	688	0	0.000
73	28.358	95	p-Bromofluorobenzene (Surr4)	987	212660	55.695
74	28.676	83+85	1,1,2,2-Tetrachloroethane	634	0	0.000
75	28.748	77+158	Bromobenzene	939	745	0.079
76	28.808	91+120	n-Propylbenzene	942	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.887	75	trans-1,4-Dichloro-2-butene	517	0	0.000
78	28.859	75+110	1,2,3-Trichloropropane	660	0	0.000
79	29.133	91+126	2-Chlorotoluene	964	0	0.000
80	29.224	105+120	1,3,5-Trimethylbenzene	976	0	0.000
81	29.430	91+126	4-Chlorotoluene	911	0	0.000
82	30.078	119+91	tert-Butylbenzene	948	2839	0.099
83	30.267	105+120	1,2,4-Trimethylbenzene	990	1193	0.061
84	32.352	117	Pentachloroethane	984	0	0.000
85	30.691	105+134	sec-Butylbenzene	957	0	0.000
86	31.089	119	4-Isopropyltoluene	967	0	0.000
87	31.211	146+148	1,3-Dichlorobenzene	905	1019	0.101
89	31.500	146+148	1,4-Dichlorobenzene	466	0	0.000
90	32.317	91	Benzyl Chloride	987	9459	0.796
91	32.320	91+134	n-Butylbenzene	986	10737	0.621
92	32.631	146+148	1,2-Dichlorobenzene	963	0	0.000
93	34.924	75+157	1,2-Dibromo-3-chloropropane	764	0	0.000
94	37.077	180+182	1,2,4-Trichlorobenzene	974	9435	2.084
95	37.357	225+226	Hexachlorobutadiene	978	0	0.000
96	37.772	128	Naphthalene	980	11849	2.827
97	38.391	180+182	1,2,3-Trichlorobenzene	978	7996	1.766

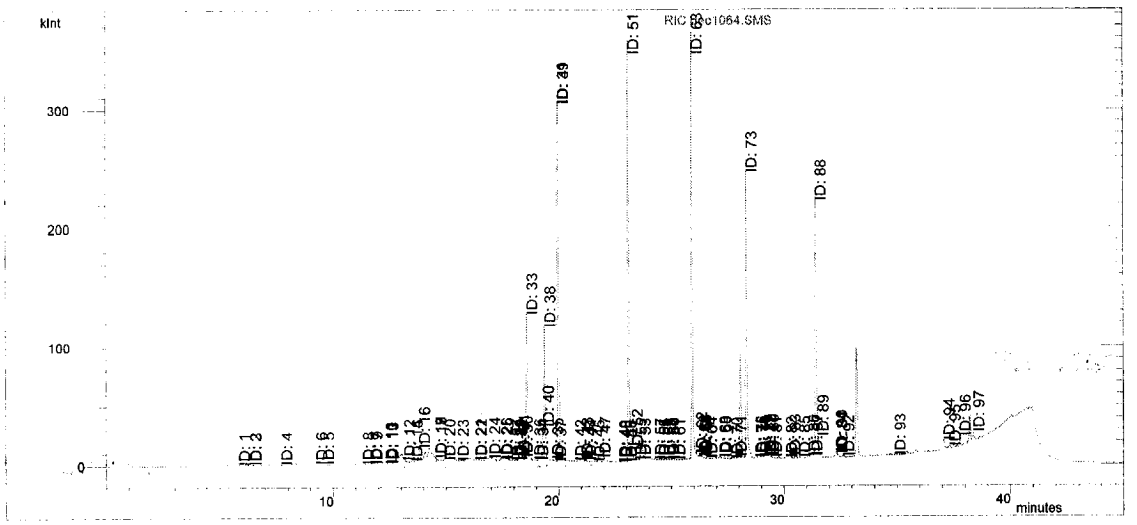
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1064.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-035 5.82g **Acquisition Dat** 12/4/02 4:40:25 PM

Inj. Notes: ~~5.0g -> 20ml re-run~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.991	96+70	Fluorobenzene (IS1)	999	492930	50.000
63	25.944	117	Chlorobenzene-d5(IS2)	982	307352	50.000
88	31.417	152	1,4-Dichlorobenzene-d4(IS3)	977	136634	50.000
1	5.845	85	Dichlorodifluoromethane	76	0	0.000
2	6.330	50+52	Chloromethane	638	0	0.000
3	6.358	62+64	Vinyl Chloride	822	0	0.000
4	7.715	94+96	Bromomethane	852	0	0.000
5	9.562	49	Chloroethane	132	0	0.000
6	9.254	101+103	Trichlorofluoromethane	468	0	0.000
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	804	0	0.000
8	11.322	56	Acrolein	686	0	0.000
9	11.705	96+61+98	1,1-Dichloroethene	877	0	0.000
10	12.320	142	Iodomethane	920	247	247.042
11	12.360	43+58	Acetone	724	0	0.000
12	13.143	45	Isopropyl alcohol (2-Propanol)	66	0	0.000
13	12.399	76	Carbon disulfide	843	0	0.000
14	13.478	41	Acetonitrile	332	0	0.000
15	13.478	41	Allyl chloride	241	0	0.000
16	13.809	84+49+86	Methylene Chloride	983	23759	2.172
17	14.549	59	tert-Butanol	330	0	0.000
18	14.537	73	Methyl-tert-butyl-ether (MTBE)	833	0	0.000
19	14.537	61+96	t-1,2-Dichloroethene	545	0	0.000
20	14.932	53	Acrylonitrile	649	0	0.000
21	16.305	63	1,1-Dichloroethane	623	0	0.000
22	16.332	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.523	45	Isopropyl ether	360	0	0.000
24	16.920	59	Ethyl-tert-butyl-ether	690	0	0.000
25	17.433	77+41	2,2-Dichloropropane	340	0	0.000
26	17.473	61+96	c-1,2-Dichloroethene	362	0	0.000
27	17.923	43+72	2-Butanone (MEK)	522	0	0.000
28	18.037	54	Propionitrile	508	0	0.000
29	18.049	130+49	Bromochloromethane	893	0	0.000
30	18.345	39	Methacrylonitrile	415	0	0.000
31	18.219	83+85	Chloroform	984	7970	0.785
32	18.112	97+99	1,1,1-Trichloroethane	681	0	0.000
33	18.595	111	Dibromofluoromethane (Surr1)	712	115000	54.615
34	19.057	117+119	Carbon Tetrachloride	734	0	0.000
35	19.721	42+72	Tetrahydrofuran	861	0	0.000
36	18.915	75+39	1,1-Dichloropropene	512	0	0.000
37	19.847	78	Benzene	631	0	0.000
38	19.393	65	1,2-Dichloroethane-d4 (Surr2)	882	159310	60.504
39	19.991	62+64	1,2-Dichloroethane	568	11755	2.232
40	19.304	73+55+87	tert-Amyl-methyl-ether	466	2871	0.317
42	20.725	130+132+95	Trichloroethene	867	0	0.000
43	21.021	41	Methyl methacrylate	569	0	0.000
44	21.175	63+65	1,2-Dichloropropane	317	0	0.000
45	21.546	93+174	Dibromomethane	874	0	0.000
46	22.765	88	1,4-Dioxane	439	0	0.000
47	21.818	83+85	Bromodichloromethane	958	4313	0.582
48	22.970	63+43	2-Chloroethyl vinyl ether	579	0	0.000
49	22.687	75+77+39	c-1,3-Dichloropropene	500	0	0.000
50	22.970	43+58	4-Methyl-2-pentanone	580	0	0.000
51	23.122	98	Toluene-d8 (Surr3)	997	453510	51.133
52	23.258	92+91	Toluene	913	4832	0.222
53	23.595	69	Ethyl methacrylate	371	0	0.000
54	24.443	43+58+100	2-Hexanone	331	0	0.000
55	23.414	75+77	t-1,3-Dichloropropene	507	0	0.000
56	24.455	97+99	1,1,2-Trichloroethane	629	0	0.000
57	24.262	164+166	Tetrachloroethene	585	0	0.000
58	24.826	76+41	1,3-Dichloropropane	365	0	0.000
59	24.684	43	Isobutyl alcohol	285	0	0.000
60	24.874	129+127	Dibromochloromethane	922	910	0.204
61	25.146	107+109	1,2-Dibromoethane	689	0	0.000
62	26.116	91	1-Chlorohexane	926	997	0.065
64	26.553	112+114	Chlorobenzene	559	0	0.000
65	26.297	106+91	Ethylbenzene	936	0	0.000
66	26.222	131+117	1,1,1,2-Tetrachloroethane	465	0	0.000
67	26.326	106+91	p,m-Xylenes	985	2645	0.131
68	27.145	106+91	o-Xylene	940	0	0.000
69	27.197	104+78	Styrene	958	0	0.000
70	27.675	171+173+175	Bromoform	836	273	0.099
71	27.863	105+120	Isopropylbenzene	986	2629	0.114
72	29.157	75	cis-1,4-Dichloro-2-butene	593	0	0.000
73	28.352	95	p-Bromofluorobenzene (Surr4)	987	193848	51.770
74	28.940	83+85	1,1,2,2-Tetrachloroethane	546	0	0.000
75	28.747	77+158	Bromobenzene	931	0	0.000
76	28.810	91+120	n-Propylbenzene	908	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.134	75	trans-1,4-Dichloro-2-butene	435	0	0.000
78	29.157	75+110	1,2,3-Trichloropropane	550	0	0.000
79	29.173	91+126	2-Chlorotoluene	931	0	0.000
80	29.287	105+120	1,3,5-Trimethylbenzene	979	0	0.000
81	29.429	91+126	4-Chlorotoluene	889	0	0.000
82	30.096	119+91	tert-Butylbenzene	959	0	0.000
83	30.250	105+120	1,2,4-Trimethylbenzene	989	0	0.000
84	32.348	117	Pentachloroethane	981	0	0.000
85	30.684	105+134	sec-Butylbenzene	960	0	0.000
86	31.082	119	4-Isopropyltoluene	967	0	0.000
87	31.224	146+148	1,3-Dichlorobenzene	889	0	0.000
89	31.501	146+148	1,4-Dichlorobenzene	427	0	0.000
90	32.311	91	Benzyl Chloride	981	512	0.044
91	32.312	91+134	n-Butylbenzene	982	6915	0.408
92	32.643	146+148	1,2-Dichlorobenzene	945	0	0.000
93	34.908	75+157	1,2-Dibromo-3-chloropropane	659	0	0.000
94	37.078	180+182	1,2,4-Trichlorobenzene	974	7112	1.602
95	37.335	225+226	Hexachlorobutadiene	965	0	0.000
96	37.772	128	Naphthalene	980	9157	2.227
97	38.391	180+182	1,2,3-Trichlorobenzene	979	6624	1.492

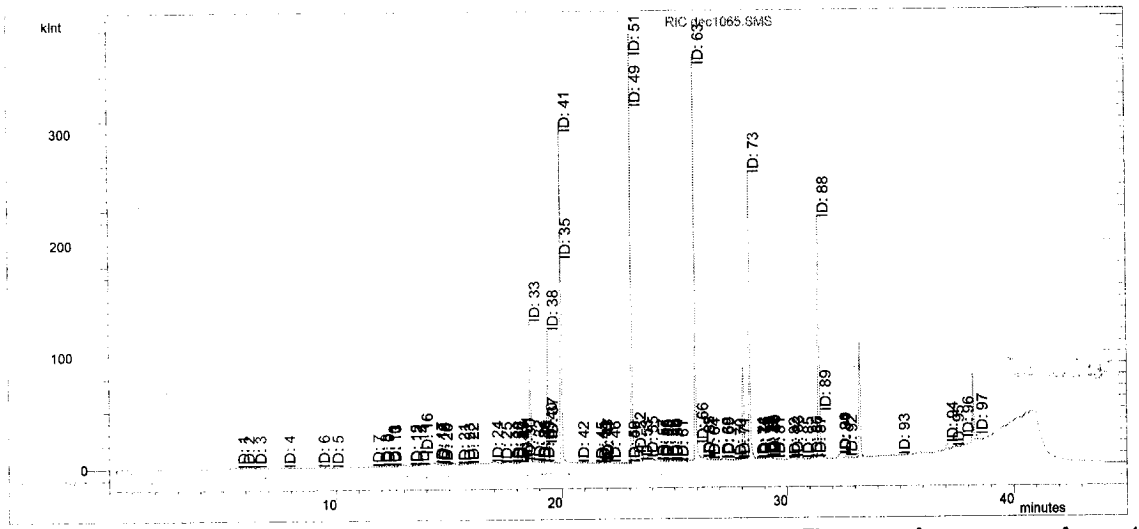
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1065.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-036 5.74g **Acquisition Dat** 12/4/02 5:27:18 PM

Inj. Notes: ~~5.0g -> 20ml re-run~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.989	96+70	Fluorobenzene (IS1)	999	507876	50.000
63	25.941	117	Chlorobenzene-d5(IS2)	985	313177	50.000
88	31.414	152	1,4-Dichlorobenzene-d4(IS3)	977	136745	50.000
1	5.691	85	Dichlorodifluoromethane	69	0	0.000
2	5.920	50+52	Chloromethane	630	0	0.000
3	6.433	62+64	Vinyl Chloride	653	0	0.000
4	7.716	94+96	Bromomethane	825	0	0.000
5	9.846	49	Chloroethane	554	0	0.000
6	9.241	101+103	Trichlorofluoromethane	731	195	0.021
7	11.630	101+151	Trichlorotrifluoroethane (Freon 113)	797	0	0.000
8	11.974	56	Acrolein	749	0	0.000
9	12.077	96+61+98	1,1-Dichloroethene	345	104	0.010
10	12.321	142	Iodomethane	909	185	184.939
11	12.372	43+58	Acetone	789	0	0.000
12	13.335	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.400	76	Carbon disulfide	941	0	0.000
14	13.631	41	Acetonitrile	655	0	0.000
15	13.307	41	Allyl chloride	438	0	0.000
16	13.807	84+49+86	Methylene Chloride	991	22882	2.030
17	14.439	59	tert-Butanol	433	0	0.000
18	14.526	73	Methyl-tert-butyl-ether (MTBE)	871	0	0.000
19	14.542	61+96	t-1,2-Dichloroethene	599	0	0.000
20	14.680	53	Acrylonitrile	658	0	0.000
21	15.438	63	1,1-Dichloroethane	645	0	0.000
22	15.848	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.670	45	Isopropyl ether	382	0	0.000
24	16.913	59	Ethyl-tert-butyl-ether	686	0	0.000
25	17.312	77+41	2,2-Dichloropropane	548	0	0.000
26	17.876	61+96	c-1,2-Dichloroethene	751	0	0.000
27	17.990	43+72	2-Butanone (MEK)	222	0	0.000
28	17.809	54	Propionitrile	516	0	0.000
29	18.042	130+49	Bromochloromethane	867	300	0.058
30	18.349	39	Methacrylonitrile	386	0	0.000
31	18.218	83+85	Chloroform	984	8314	0.794
32	18.778	97+99	1,1,1-Trichloroethane	682	0	0.000
33	18.592	111	Dibromofluoromethane (Surr1)	785	118271	54.516
34	18.972	117+119	Carbon Tetrachloride	772	0	0.000
35	19.968	42+72	Tetrahydrofuran	321	235	234.582
36	19.023	75+39	1,1-Dichloropropene	662	0	0.000
37	19.350	78	Benzene	452	729	0.091
38	19.390	65	1,2-Dichloroethane-d4 (Surr2)	884	156491	57.684
39	19.189	62+64	1,2-Dichloroethane	416	0	0.000
40	19.310	73+55+87	tert-Amyl-methyl-ether	450	1819	0.195
42	20.729	130+132+95	Trichloroethene	777	0	0.000
43	21.768	41	Methyl methacrylate	475	1063	1062.708
44	21.668	63+65	1,2-Dichloropropane	474	0	0.000
45	21.538	93+174	Dibromomethane	807	0	0.000
46	22.130	88	1,4-Dioxane	434	0	0.000
47	21.815	83+85	Bromodichloromethane	949	4243	0.562
48	22.975	63+43	2-Chloroethyl vinyl ether	752	0	0.000
49	23.129	75+77+39	c-1,3-Dichloropropene	331	1569	0.191
50	22.976	43+58	4-Methyl-2-pentanone	752	240	0.104
51	23.120	98	Toluene-d8 (Surr3)	993	463998	51.343
52	23.252	92+91	Toluene	908	3659	0.165
53	23.521	69	Ethyl methacrylate	321	0	0.000
54	24.882	43+58+100	2-Hexanone	401	0	0.000
55	23.793	75+77	t-1,3-Dichloropropene	403	0	0.000
56	24.408	97+99	1,1,2-Trichloroethane	658	0	0.000
57	24.266	164+166	Tetrachloroethene	526	0	0.000
58	24.499	76+41	1,3-Dichloropropane	332	0	0.000
59	24.728	43	Isobutyl alcohol	305	0	0.000
60	24.874	129+127	Dibromochloromethane	859	903	0.199
61	25.138	107+109	1,2-Dibromoethane	694	0	0.000
62	26.301	91	1-Chlorohexane	882	0	0.000
64	26.534	112+114	Chlorobenzene	598	0	0.000
65	26.301	106+91	Ethylbenzene	882	0	0.000
66	26.018	131+117	1,1,1,2-Tetrachloroethane	574	0	0.000
67	26.329	106+91	p,m-Xylenes	960	0	0.000
68	27.134	106+91	o-Xylene	946	0	0.000
69	27.185	104+78	Styrene	920	0	0.000
70	27.686	171+173+175	Bromoform	770	0	0.000
71	27.863	105+120	Isopropylbenzene	966	1767	0.077
72	29.101	75	cis-1,4-Dichloro-2-butene	719	0	0.000
73	28.351	95	p-Bromofluorobenzene (Surr4)	989	197006	52.571
74	28.690	83+85	1,1,2,2-Tetrachloroethane	517	0	0.000
75	28.742	77+158	Bromobenzene	901	0	0.000
76	28.793	91+120	n-Propylbenzene	923	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.140	75	trans-1,4-Dichloro-2-butene	550	0	0.000
78	29.022	75+110	1,2,3-Trichloropropane	692	0	0.000
79	29.152	91+126	2-Chlorotoluene	865	0	0.000
80	29.230	105+120	1,3,5-Trimethylbenzene	974	0	0.000
81	29.423	91+126	4-Chlorotoluene	924	0	0.000
82	30.090	119+91	tert-Butylbenzene	935	0	0.000
83	30.229	105+120	1,2,4-Trimethylbenzene	992	0	0.000
84	32.356	117	Pentachloroethane	982	0	0.000
85	30.690	105+134	sec-Butylbenzene	957	0	0.000
86	31.077	119	4-Isopropyltoluene	965	0	0.000
87	31.231	146+148	1,3-Dichlorobenzene	911	0	0.000
89	31.470	146+148	1,4-Dichlorobenzene	422	2703	0.290
90	32.329	91	Benzyl Chloride	984	0	0.000
91	32.327	91+134	n-Butylbenzene	983	6749	0.397
92	32.624	146+148	1,2-Dichlorobenzene	955	0	0.000
93	34.952	75+157	1,2-Dibromo-3-chloropropane	653	0	0.000
94	37.075	180+182	1,2,4-Trichlorobenzene	974	5101	1.148
95	37.342	225+226	Hexachlorobutadiene	937	0	0.000
96	37.769	128	Naphthalene	980	7570	1.840
97	38.391	180+182	1,2,3-Trichlorobenzene	979	5190	1.168

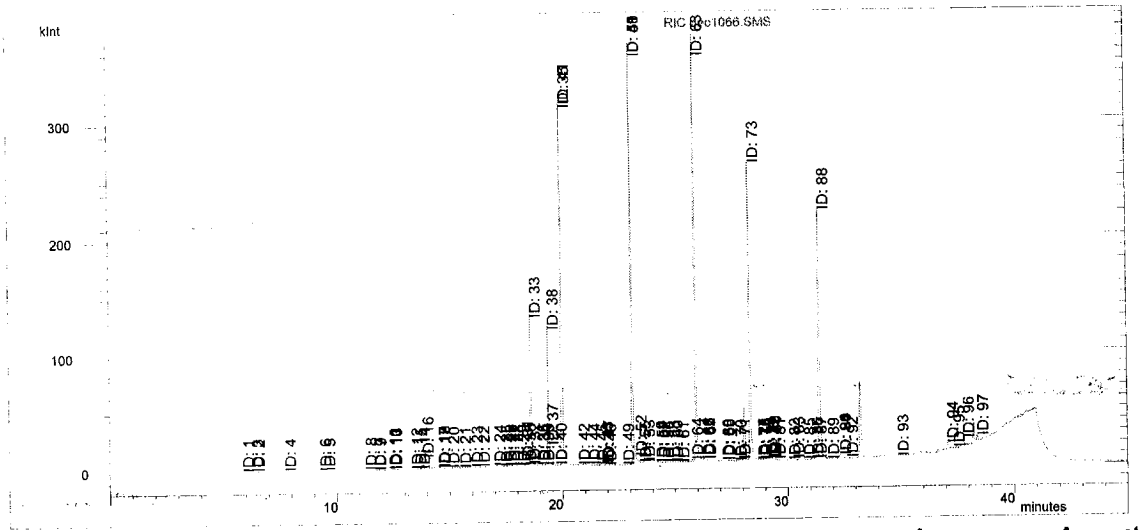
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1066.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-037 4.67g **Acquisition Dat** 12/4/02 6:13:54 PM

Inj. Notes: ~~3.0g -> 20ml re-run~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.994	96+70	Fluorobenzene (IS1)	999	512229	50.000
63	25.946	117	Chlorobenzene-d5(IS2)	982	314490	50.000
88	31.416	152	1,4-Dichlorobenzene-d4(IS3)	978	134401	50.000
1	5.869	85	Dichlorodifluoromethane	103	0	0.000
2	6.330	50+52	Chloromethane	513	0	0.000
3	6.255	62+64	Vinyl Chloride	740	0	0.000
4	7.715	94+96	Bromomethane	880	0	0.000
5	9.447	49	Chloroethane	148	0	0.000
6	9.265	101+103	Trichlorofluoromethane	815	183	0.020
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	812	0	0.000
8	11.270	56	Acrolein	708	0	0.000
9	11.705	96+61+98	1,1-Dichloroethene	630	0	0.000
10	12.334	142	Iodomethane	917	206	206.147
11	12.372	43+58	Acetone	796	0	0.000
12	13.322	45	Isopropyl alcohol (2-Propanol)	110	0	0.000
13	12.409	76	Carbon disulfide	849	763	34.489
14	13.642	41	Acetonitrile	667	0	0.000
15	13.476	41	Allyl chloride	645	0	0.000
16	13.817	84+49+86	Methylene Chloride	993	22664	1.994
17	14.514	59	tert-Butanol	473	0	0.000
18	14.538	73	Methyl-tert-butyl-ether (MTBE)	900	0	0.000
19	14.538	61+96	t-1,2-Dichloroethene	708	0	0.000
20	14.936	53	Acrylonitrile	697	0	0.000
21	15.461	63	1,1-Dichloroethane	699	0	0.000
22	16.297	43	Vinyl acetate	105	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.974	45	Isopropyl ether	347	0	0.000
24	16.988	59	Ethyl-tert-butyl-ether	713	0	0.000
25	17.272	77+41	2,2-Dichloropropane	378	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	809	0	0.000
27	17.604	43+72	2-Butanone (MEK)	600	0	0.000
28	17.769	54	Propionitrile	457	0	0.000
29	18.040	130+49	Bromochloromethane	896	252	0.048
30	18.349	39	Methacrylonitrile	437	0	0.000
31	18.222	83+85	Chloroform	984	8495	0.805
32	18.527	97+99	1,1,1-Trichloroethane	582	0	0.000
33	18.599	111	Dibromofluoromethane (Surr1)	781	119628	54.673
34	18.983	117+119	Carbon Tetrachloride	619	0	0.000
35	19.995	42+72	Tetrahydrofuran	321	189	188.805
36	18.893	75+39	1,1-Dichloropropene	399	0	0.000
37	19.352	78	Benzene	504	839	0.104
38	19.396	65	1,2-Dichloroethane-d4 (Surr2)	911	166919	61.005
39	19.149	62+64	1,2-Dichloroethane	437	0	0.000
40	19.722	73+55+87	tert-Amyl-methyl-ether	645	0	0.000
42	20.728	130+132+95	Trichloroethene	776	0	0.000
43	21.774	41	Methyl methacrylate	480	713	712.712
44	21.178	63+65	1,2-Dichloropropane	364	0	0.000
45	21.537	93+174	Dibromomethane	836	0	0.000
46	21.920	88	1,4-Dioxane	397	0	0.000
47	21.820	83+85	Bromodichloromethane	959	4443	0.586
48	23.127	63+43	2-Chloroethyl vinyl ether	310	3986	2.248
49	22.705	75+77+39	c-1,3-Dichloropropene	488	0	0.000
50	23.126	43+58	4-Methyl-2-pentanone	308	5570	2.400
51	23.123	98	Toluene-d8 (Surr3)	996	460911	50.788
52	23.257	92+91	Toluene	897	3783	0.170
53	23.620	69	Ethyl methacrylate	474	0	0.000
54	24.186	43+58+100	2-Hexanone	529	0	0.000
55	23.431	75+77	t-1,3-Dichloropropene	467	0	0.000
56	24.482	97+99	1,1,2-Trichloroethane	625	0	0.000
57	24.277	164+166	Tetrachloroethene	712	0	0.000
58	24.751	76+41	1,3-Dichloropropane	445	0	0.000
59	24.186	43	Isobutyl alcohol	448	0	0.000
60	24.876	129+127	Dibromochloromethane	900	995	0.218
61	25.149	107+109	1,2-Dibromoethane	727	0	0.000
62	26.299	91	1-Chlorohexane	914	0	0.000
64	25.776	112+114	Chlorobenzene	510	0	0.000
65	26.299	106+91	Ethylbenzene	914	0	0.000
66	26.236	131+117	1,1,1,2-Tetrachloroethane	526	0	0.000
67	26.327	106+91	p,m-Xylenes	965	0	0.000
68	27.132	106+91	o-Xylene	946	0	0.000
69	27.198	104+78	Styrene	934	0	0.000
70	27.688	171+173+175	Bromoform	818	170	0.063
71	27.862	105+120	Isopropylbenzene	966	1902	0.084
72	29.142	75	cis-1,4-Dichloro-2-butene	681	0	0.000
73	28.354	95	p-Bromofluorobenzene (Surr4)	988	197003	53.486
74	29.039	83+85	1,1,2,2-Tetrachloroethane	526	0	0.000
75	28.743	77+158	Bromobenzene	927	0	0.000
76	28.807	91+120	n-Propylbenzene	870	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.692	75	trans-1,4-Dichloro-2-butene	572	0	0.000
78	28.771	75+110	1,2,3-Trichloropropane	483	0	0.000
79	29.165	91+126	2-Chlorotoluene	867	0	0.000
80	29.232	105+120	1,3,5-Trimethylbenzene	953	0	0.000
81	29.425	91+126	4-Chlorotoluene	918	0	0.000
82	30.076	119+91	tert-Butylbenzene	920	0	0.000
83	30.258	105+120	1,2,4-Trimethylbenzene	987	0	0.000
84	32.322	117	Pentachloroethane	969	0	0.000
85	30.731	105+134	sec-Butylbenzene	932	0	0.000
86	31.079	119	4-Isopropyltoluene	965	0	0.000
87	31.233	146+148	1,3-Dichlorobenzene	857	0	0.000
89	31.794	146+148	1,4-Dichlorobenzene	592	0	0.000
90	32.330	91	Benzyl Chloride	977	3457	0.301
91	32.327	91+134	n-Butylbenzene	973	4461	0.267
92	32.630	146+148	1,2-Dichlorobenzene	911	0	0.000
93	34.870	75+157	1,2-Dibromo-3-chloropropane	693	0	0.000
94	37.075	180+182	1,2,4-Trichlorobenzene	974	5310	1.216
95	37.351	225+226	Hexachlorobutadiene	900	0	0.000
96	37.765	128	Naphthalene	979	7639	1.889
97	38.389	180+182	1,2,3-Trichlorobenzene	977	4675	1.070

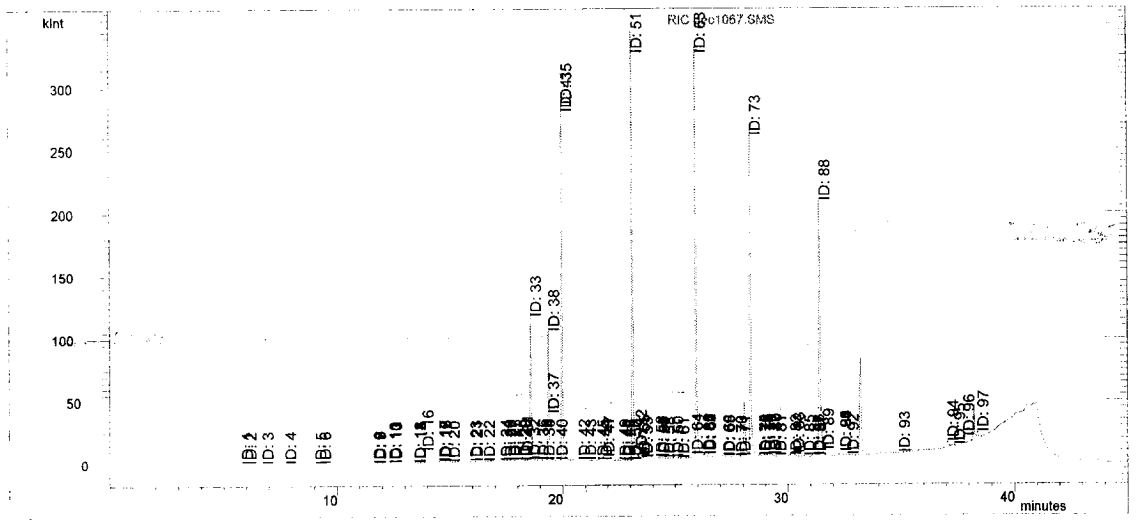
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1067.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-038 4.52g **Acquisition Dat** 12/4/02 7:00:42 PM

Inj. Notes: ~~7.0g -> 20ml re-run~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.989	96+70	Fluorobenzene (IS1)	999	473509	50.000
63	25.941	117	Chlorobenzene-d5(IS2)	982	289497	50.000
88	31.413	152	1,4-Dichlorobenzene-d4(IS3)	978	126533	50.000
1	5.817	85	Dichlorodifluoromethane	103	0	0.000
2	5.971	50+52	Chloromethane	624	0	0.000
3	6.717	62+64	Vinyl Chloride	651	0	0.000
4	7.731	94+96	Bromomethane	863	0	0.000
5	9.049	49	Chloroethane	645	0	0.000
6	9.254	101+103	Trichlorofluoromethane	834	0	0.000
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	816	0	0.000
8	11.630	56	Acrolein	689	0	0.000
9	11.681	96+61+98	1,1-Dichloroethene	624	0	0.000
10	12.320	142	Iodomethane	919	205	204.820
11	12.350	43+58	Acetone	737	268	0.508
12	13.449	45	Isopropyl alcohol (2-Propanol)	274	0	0.000
13	12.394	76	Carbon disulfide	972	788	38.547
14	13.461	41	Acetonitrile	432	0	0.000
15	13.461	41	Allyl chloride	671	0	0.000
16	13.806	84+49+86	Methylene Chloride	993	22288	2.121
17	14.526	59	tert-Butanol	472	0	0.000
18	14.541	73	Methyl-tert-butyl-ether (MTBE)	877	865	0.171
19	14.593	61+96	t-1,2-Dichloroethene	720	0	0.000
20	14.952	53	Acrylonitrile	829	0	0.000
21	15.990	63	1,1-Dichloroethane	650	0	0.000
22	16.515	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.911	45	Isopropyl ether	368	0	0.000
24	17.261	59	Ethyl-tert-butyl-ether	698	0	0.000
25	17.683	77+41	2,2-Dichloropropane	534	0	0.000
26	17.450	61+96	c-1,2-Dichloroethene	824	0	0.000
27	17.592	43+72	2-Butanone (MEK)	190	0	0.000
28	18.133	54	Propionitrile	591	0	0.000
29	18.048	130+49	Bromochloromethane	907	292	0.061
30	18.105	39	Methacrylonitrile	360	0	0.000
31	18.214	83+85	Chloroform	983	7693	0.788
32	18.516	97+99	1,1,1-Trichloroethane	804	0	0.000
33	18.592	111	Dibromofluoromethane (Surr1)	868	107354	58.076
34	19.162	117+119	Carbon Tetrachloride	678	0	0.000
35	19.993	42+72	Tetrahydrofuran	323	163	163.342
36	18.905	75+39	1,1-Dichloropropene	513	0	0.000
37	19.360	78	Benzene	796	626	0.084
38	19.391	65	1,2-Dichloroethane-d4 (Surr2)	929	149065	58.934
39	19.162	62+64	1,2-Dichloroethane	478	0	0.000
40	19.731	73+55+87	tert-Amyl-methyl-ether	619	0	0.000
42	20.713	130+132+95	Trichloroethene	713	0	0.000
43	21.009	41	Methyl methacrylate	352	0	0.000
44	21.699	63+65	1,2-Dichloropropane	500	0	0.000
45	21.541	93+174	Dibromomethane	875	258	0.078
46	22.662	88	1,4-Dioxane	372	0	0.000
47	21.815	83+85	Bromodichloromethane	951	4039	0.579
48	22.737	63+43	2-Chloroethyl vinyl ether	401	0	0.000
49	22.532	75+77+39	c-1,3-Dichloropropene	501	0	0.000
50	22.994	43+58	4-Methyl-2-pentanone	249	0	0.000
51	23.118	98	Toluene-d8 (Surr3)	993	426306	51.030
52	23.256	92+91	Toluene	905	3575	0.174
53	23.505	69	Ethyl methacrylate	327	0	0.000
54	24.276	43+58+100	2-Hexanone	439	0	0.000
55	23.375	75+77	t-1,3-Dichloropropene	507	0	0.000
56	24.134	97+99	1,1,2-Trichloroethane	626	0	0.000
57	24.249	164+166	Tetrachloroethene	536	0	0.000
58	24.505	76+41	1,3-Dichloropropane	342	0	0.000
59	24.276	43	Isobutyl alcohol	361	0	0.000
60	24.873	129+127	Dibromochloromethane	898	872	0.208
61	25.136	107+109	1,2-Dibromoethane	771	0	0.000
62	26.298	91	1-Chlorohexane	915	0	0.000
64	25.752	112+114	Chlorobenzene	550	0	0.000
65	26.298	106+91	Ethylbenzene	925	0	0.000
66	26.246	131+117	1,1,1,2-Tetrachloroethane	658	0	0.000
67	26.325	106+91	p,m-Xylenes	965	0	0.000
68	27.146	106+91	o-Xylene	933	0	0.000
69	27.185	104+78	Styrene	908	0	0.000
70	27.698	171+173+175	Bromoform	779	0	0.000
71	27.864	105+120	Isopropylbenzene	912	0	0.000
72	28.792	75	cis-1,4-Dichloro-2-butene	653	0	0.000
73	28.350	95	p-Bromofluorobenzene (Surr4)	988	198388	57.212
74	28.958	83+85	1,1,2,2-Tetrachloroethane	648	0	0.000
75	28.741	77+158	Bromobenzene	889	0	0.000
76	28.804	91+120	n-Propylbenzene	910	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.139	75	trans-1,4-Dichloro-2-butene	409	0	0.000
78	28.792	75+110	1,2,3-Trichloropropane	643	0	0.000
79	29.151	91+126	2-Chlorotoluene	834	0	0.000
80	29.230	105+120	1,3,5-Trimethylbenzene	965	0	0.000
81	29.447	91+126	4-Chlorotoluene	822	0	0.000
82	30.114	119+91	tert-Butylbenzene	901	0	0.000
83	30.240	105+120	1,2,4-Trimethylbenzene	985	0	0.000
84	32.327	117	Pentachloroethane	970	0	0.000
85	30.729	105+134	sec-Butylbenzene	945	0	0.000
86	31.112	119	4-Isopropyltoluene	950	0	0.000
87	31.203	146+148	1,3-Dichlorobenzene	896	0	0.000
89	31.546	146+148	1,4-Dichlorobenzene	282	0	0.000
90	32.335	91	Benzyl Chloride	975	3720	0.345
91	32.332	91+134	n-Butylbenzene	983	5333	0.339
92	32.647	146+148	1,2-Dichlorobenzene	938	0	0.000
93	34.914	75+157	1,2-Dibromo-3-chloropropane	547	0	0.000
94	37.070	180+182	1,2,4-Trichlorobenzene	973	4630	1.126
95	37.352	225+226	Hexachlorobutadiene	910	0	0.000
96	37.767	128	Naphthalene	979	6873	1.805
97	38.390	180+182	1,2,3-Trichlorobenzene	976	4290	1.043

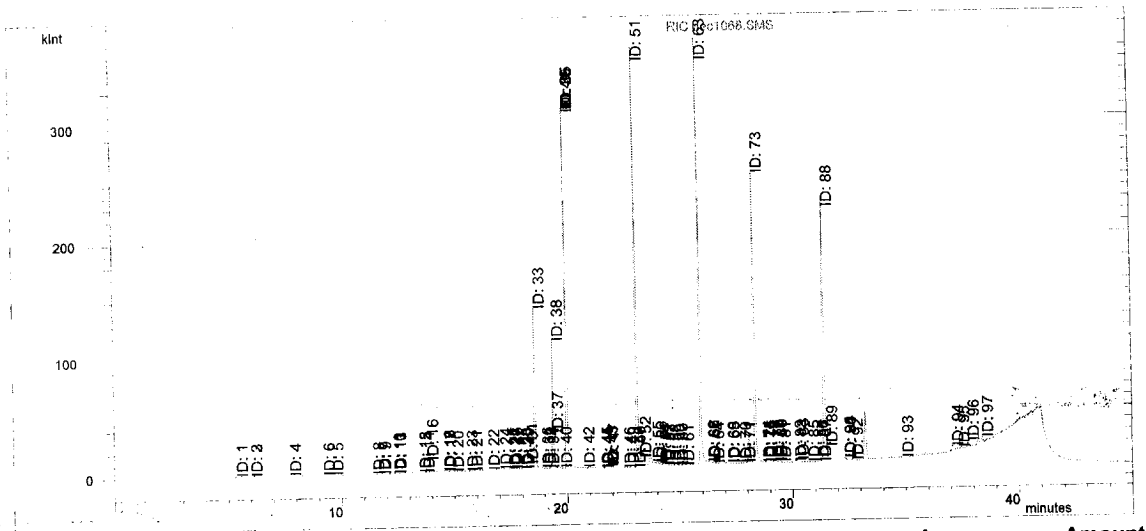
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1068.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-039 6.21g **Acquisition Dat** 12/4/02 7:47:30 PM

Inj. Notes: ~~3.0g ->20ml re-run~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.992	96+70	Fluorobenzene (IS1)	999	506529	50.000
63	25.945	117	Chlorobenzene-d5(IS2)	988	316488	50.000
88	31.417	152	1,4-Dichlorobenzene-d4(IS3)	979	136917	50.000
1	5.383	85	Dichlorodifluoromethane	121	0	0.000
2	6.022	50+52	Chloromethane	501	0	0.000
3	6.022	62+64	Vinyl Chloride	752	0	0.000
4	7.743	94+96	Bromomethane	887	0	0.000
5	9.602	49	Chloroethane	112	0	0.000
6	9.219	101+103	Trichlorofluoromethane	801	0	0.000
7	11.642	101+151	Trichlorotrifluoroethane (Freon 113)	823	0	0.000
8	11.397	56	Acrolein	810	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	615	0	0.000
10	12.322	142	Iodomethane	921	183	182.885
11	12.372	43+58	Acetone	720	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	248	0	0.000
13	12.408	76	Carbon disulfide	855	817	37.365
14	13.631	41	Acetonitrile	685	0	0.000
15	13.477	41	Allyl chloride	670	0	0.000
16	13.807	84+49+86	Methylene Chloride	990	24801	2.206
17	14.592	59	tert-Butanol	437	0	0.000
18	14.541	73	Methyl-tert-butyl-ether (MTBE)	878	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	730	0	0.000
20	14.927	53	Acrylonitrile	726	0	0.000
21	15.772	63	1,1-Dichloroethane	696	0	0.000
22	16.518	43	Vinyl acetate	778	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.555	45	Isopropyl ether	414	0	0.000
24	17.042	59	Ethyl-tert-butyl-ether	667	0	0.000
25	17.425	77+41	2,2-Dichloropropane	353	0	0.000
26	17.528	61+96	c-1,2-Dichloroethene	744	0	0.000
27	17.477	43+72	2-Butanone (MEK)	132	0	0.000
28	17.954	54	Propionitrile	382	0	0.000
29	18.044	130+49	Bromochloromethane	897	307	0.060
30	17.990	39	Methacrylonitrile	310	0	0.000
31	18.216	83+85	Chloroform	983	8256	0.791
32	19.009	97+99	1,1,1-Trichloroethane	614	0	0.000
33	18.596	111	Dibromofluoromethane (Surr1)	798	122004	56.386
34	19.151	117+119	Carbon Tetrachloride	566	0	0.000
35	19.993	42+72	Tetrahydrofuran	326	483	482.968
36	18.906	75+39	1,1-Dichloropropene	260	0	0.000
37	19.358	78	Benzene	673	819	0.103
38	19.392	65	1,2-Dichloroethane-d4 (Surr2)	940	158954	56.748
39	19.992	62+64	1,2-Dichloroethane	358	12890	2.382
40	19.733	73+55+87	tert-Amyl-methyl-ether	595	0	0.000
42	20.738	130+132+95	Trichloroethene	739	0	0.000
43	21.764	41	Methyl methacrylate	488	0	0.000
44	21.586	63+65	1,2-Dichloropropane	462	0	0.000
45	21.547	93+174	Dibromomethane	848	0	0.000
46	22.549	88	1,4-Dioxane	282	0	0.000
47	21.818	83+85	Bromodichloromethane	952	4419	0.579
48	22.983	63+43	2-Chloroethyl vinyl ether	546	0	0.000
49	22.687	75+77+39	c-1,3-Dichloropropene	612	0	0.000
50	22.983	43+58	4-Methyl-2-pentanone	544	0	0.000
51	23.124	98	Toluene-d8 (Surr3)	993	467177	51.154
52	23.254	92+91	Toluene	904	3680	0.164
53	24.354	69	Ethyl methacrylate	561	0	0.000
54	24.149	43+58+100	2-Hexanone	528	0	0.000
55	23.817	75+77	t-1,3-Dichloropropene	371	0	0.000
56	23.971	97+99	1,1,2-Trichloroethane	456	0	0.000
57	24.267	164+166	Tetrachloroethene	634	0	0.000
58	24.575	76+41	1,3-Dichloropropane	539	0	0.000
59	24.741	43	Isobutyl alcohol	304	0	0.000
60	24.883	129+127	Dibromochloromethane	891	0	0.000
61	25.151	107+109	1,2-Dibromoethane	646	0	0.000
62	26.299	91	1-Chlorohexane	860	0	0.000
64	26.504	112+114	Chlorobenzene	695	0	0.000
65	26.299	106+91	Ethylbenzene	860	0	0.000
66	26.260	131+117	1,1,1,2-Tetrachloroethane	470	0	0.000
67	26.325	106+91	p,m-Xylenes	954	1584	0.078
68	27.147	106+91	o-Xylene	966	0	0.000
69	27.199	104+78	Styrene	946	0	0.000
70	27.685	171+173+175	Bromoform	867	234	0.085
71	27.865	105+120	Isopropylbenzene	975	0	0.000
72	29.147	75	cis-1,4-Dichloro-2-butene	639	0	0.000
73	28.354	95	p-Bromofluorobenzene (Surr4)	987	200743	53.500
74	28.697	83+85	1,1,2,2-Tetrachloroethane	546	0	0.000
75	28.748	77+158	Bromobenzene	913	0	0.000
76	28.811	91+120	n-Propylbenzene	905	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.107	75	trans-1,4-Dichloro-2-butene	467	0	0.000
78	29.147	75+110	1,2,3-Trichloropropane	601	0	0.000
79	29.135	91+126	2-Chlorotoluene	845	0	0.000
80	29.273	105+120	1,3,5-Trimethylbenzene	957	0	0.000
81	29.442	91+126	4-Chlorotoluene	827	0	0.000
82	30.121	119+91	tert-Butylbenzene	926	0	0.000
83	30.236	105+120	1,2,4-Trimethylbenzene	980	0	0.000
84	32.322	117	Pentachloroethane	971	0	0.000
85	30.709	105+134	sec-Butylbenzene	954	0	0.000
86	31.108	119	4-Isopropyltoluene	949	0	0.000
87	31.222	146+148	1,3-Dichlorobenzene	886	0	0.000
89	31.516	146+148	1,4-Dichlorobenzene	279	0	0.000
90	32.337	91	Benzyl Chloride	961	0	0.000
91	32.322	91+134	n-Butylbenzene	978	0	0.000
92	32.645	146+148	1,2-Dichlorobenzene	950	0	0.000
93	34.869	75+157	1,2-Dibromo-3-chloropropane	641	0	0.000
94	37.075	180+182	1,2,4-Trichlorobenzene	974	3948	0.887
95	37.349	225+226	Hexachlorobutadiene	935	0	0.000
96	37.768	128	Naphthalene	980	6392	1.552
97	38.398	180+182	1,2,3-Trichlorobenzene	977	3563	0.801

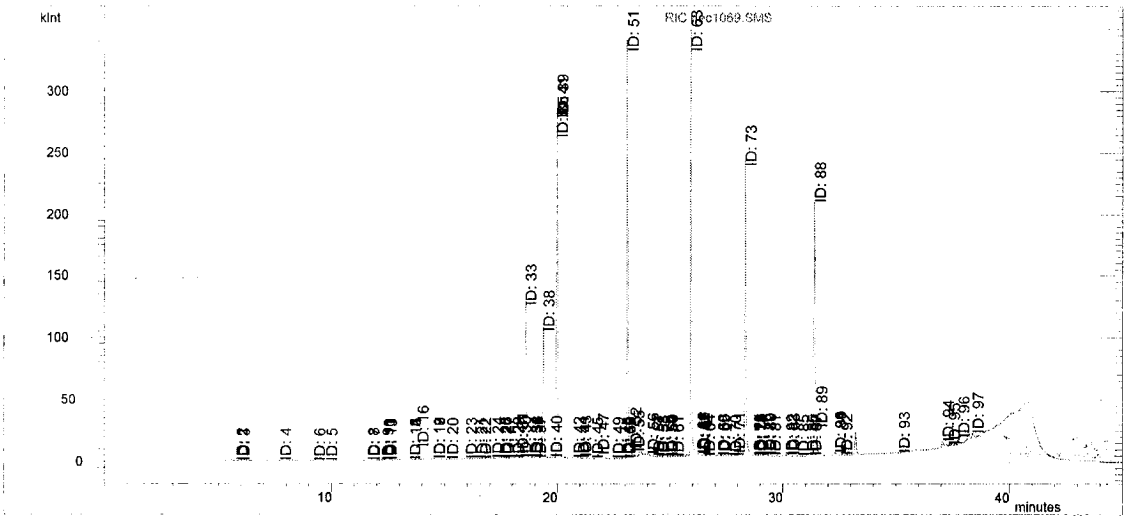
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1069.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-040 4.09g **Acquisition Dat** 12/4/02 8:34:06 PM

Inj. Notes: ~~3.0g -> 20ml rerun~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.989	96+70	Fluorobenzene (IS1)	999	474716	50.000
63	25.942	117	Chlorobenzene-d5(IS2)	983	287076	50.000
88	31.414	152	1,4-Dichlorobenzene-d4(IS3)	977	126041	50.000
1	5.833	85	Dichlorodifluoromethane	114	0	0.000
2	5.805	50+52	Chloromethane	574	0	0.000
3	5.908	62+64	Vinyl Chloride	615	0	0.000
4	7.743	94+96	Bromomethane	839	0	0.000
5	9.767	49	Chloroethane	678	0	0.000
6	9.235	101+103	Trichlorofluoromethane	755	204	0.023
7	11.653	101+151	Trichlorotrifluoroethane (Freon 113)	797	0	0.000
8	11.614	56	Acrolein	699	0	0.000
9	12.245	96+61+98	1,1-Dichloroethene	431	0	0.000
10	12.313	142	Iodomethane	907	191	190.827
11	12.369	43+58	Acetone	827	754	1.422
12	13.461	45	Isopropyl alcohol (2-Propanol)	217	0	0.000
13	12.399	76	Carbon disulfide	926	0	0.000
14	13.461	41	Acetonitrile	469	0	0.000
15	13.461	41	Allyl chloride	547	0	0.000
16	13.807	84+49+86	Methylene Chloride	993	24331	2.310
17	14.553	59	tert-Butanol	393	0	0.000
18	14.541	73	Methyl-tert-butyl-ether (MTBE)	893	0	0.000
19	14.529	61+96	t-1,2-Dichloroethene	655	0	0.000
20	15.117	53	Acrylonitrile	700	0	0.000
21	16.427	63	1,1-Dichloroethane	663	0	0.000
22	16.593	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.950	45	Isopropyl ether	365	0	0.000
24	17.118	59	Ethyl-tert-butyl-ether	708	0	0.000
25	17.489	77+41	2,2-Dichloropropane	506	0	0.000
26	17.465	61+96	c-1,2-Dichloroethene	794	0	0.000
27	17.591	43+72	2-Butanone (MEK)	566	0	0.000
28	18.017	54	Propionitrile	595	0	0.000
29	18.041	130+49	Bromochloromethane	899	264	0.055
30	18.349	39	Methacrylonitrile	524	0	0.000
31	18.217	83+85	Chloroform	985	8586	0.878
32	18.854	97+99	1,1,1-Trichloroethane	542	0	0.000
33	18.593	111	Dibromofluoromethane (Surr1)	782	114710	56.568
34	18.819	117+119	Carbon Tetrachloride	496	0	0.000
35	19.980	42+72	Tetrahydrofuran	323	166	165.546
36	18.882	75+39	1,1-Dichloropropene	267	0	0.000
37	19.008	78	Benzene	675	0	0.000
38	19.390	65	1,2-Dichloroethane-d4 (Surr2)	876	143545	56.608
39	19.990	62+64	1,2-Dichloroethane	532	11529	2.273
40	19.723	73+55+87	tert-Amyl-methyl-ether	622	0	0.000
42	20.725	130+132+95	Trichloroethene	810	0	0.000
43	21.021	41	Methyl methacrylate	549	0	0.000
44	20.930	63+65	1,2-Dichloropropane	345	0	0.000
45	21.538	93+174	Dibromomethane	804	206	0.063
46	22.880	88	1,4-Dioxane	332	0	0.000
47	21.817	83+85	Bromodichloromethane	953	4442	0.642
48	22.982	63+43	2-Chloroethyl vinyl ether	739	0	0.000
49	22.469	75+77+39	c-1,3-Dichloropropene	515	0	0.000
50	22.982	43+58	4-Methyl-2-pentanone	733	0	0.000
51	23.120	98	Toluene-d8 (Surr3)	993	432949	52.263
52	23.253	92+91	Toluene	870	3443	0.169
53	24.489	69	Ethyl methacrylate	415	0	0.000
54	24.824	43+58+100	2-Hexanone	465	0	0.000
55	23.376	75+77	t-1,3-Dichloropropene	437	0	0.000
56	24.015	97+99	1,1,2-Trichloroethane	402	0	0.000
57	24.260	164+166	Tetrachloroethene	792	0	0.000
58	24.453	76+41	1,3-Dichloropropane	333	0	0.000
59	24.824	43	Isobutyl alcohol	321	0	0.000
60	24.875	129+127	Dibromochloromethane	917	850	0.204
61	25.144	107+109	1,2-Dibromoethane	690	0	0.000
62	26.292	91	1-Chlorohexane	843	0	0.000
64	26.513	112+114	Chlorobenzene	533	0	0.000
65	26.292	106+91	Ethylbenzene	843	0	0.000
66	26.229	131+117	1,1,1,2-Tetrachloroethane	453	0	0.000
67	26.320	106+91	p,m-Xylenes	957	0	0.000
68	27.140	106+91	o-Xylene	939	0	0.000
69	27.204	104+78	Styrene	871	0	0.000
70	27.675	171+173+175	Bromoform	793	284	0.112
71	27.861	105+120	Isopropylbenzene	980	3474	0.164
72	28.752	75	cis-1,4-Dichloro-2-butene	635	0	0.000
73	28.351	95	p-Bromofluorobenzene (Surr4)	988	185047	53.573
74	28.831	83+85	1,1,2,2-Tetrachloroethane	632	0	0.000
75	28.729	77+158	Bromobenzene	894	0	0.000
76	28.792	91+120	n-Propylbenzene	919	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.894	75	trans-1,4-Dichloro-2-butene	621	0	0.000
78	28.780	75+110	1,2,3-Trichloropropane	615	0	0.000
79	29.151	91+126	2-Chlorotoluene	877	0	0.000
80	29.226	105+120	1,3,5-Trimethylbenzene	970	0	0.000
81	29.431	91+126	4-Chlorotoluene	837	0	0.000
82	30.165	119+91	tert-Butylbenzene	928	0	0.000
83	30.268	105+120	1,2,4-Trimethylbenzene	975	0	0.000
84	32.315	117	Pentachloroethane	975	0	0.000
85	30.690	105+134	sec-Butylbenzene	921	0	0.000
86	31.088	119	4-Isopropyltoluene	944	0	0.000
87	31.227	146+148	1,3-Dichlorobenzene	856	0	0.000
89	31.486	146+148	1,4-Dichlorobenzene	459	1172	0.136
90	32.327	91	Benzyl Chloride	974	0	0.000
91	32.327	91+134	n-Butylbenzene	974	0	0.000
92	32.599	146+148	1,2-Dichlorobenzene	928	0	0.000
93	35.141	75+157	1,2-Dibromo-3-chloropropane	667	0	0.000
94	37.078	180+182	1,2,4-Trichlorobenzene	973	4188	1.022
95	37.346	225+226	Hexachlorobutadiene	891	0	0.000
96	37.768	128	Naphthalene	978	5695	1.502
97	38.389	180+182	1,2,3-Trichlorobenzene	970	3229	0.788

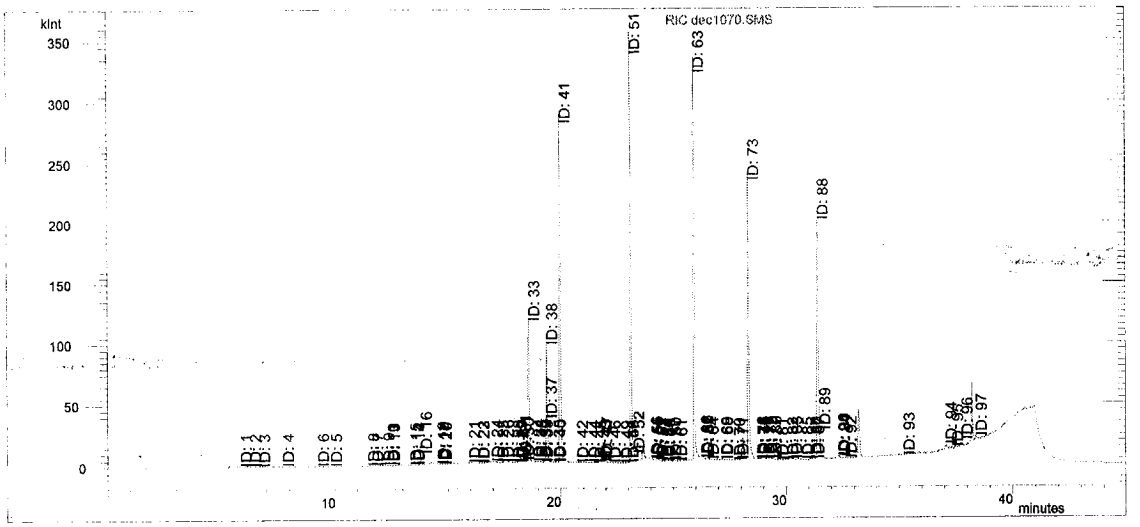
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1070.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-041 5.80g **Acquisition Dat** 12/4/02 9:20:48 PM

Inj. Notes: ~~3.0g ->20ml re-run~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.991	96+70	Fluorobenzene (IS1)	999	475753	50.000
63	25.943	117	Chlorobenzene-d5(IS2)	982	280816	50.000
88	31.416	152	1,4-Dichlorobenzene-d4(IS3)	980	121171	50.000
1	5.857	85	Dichlorodifluoromethane	214	0	0.000
2	6.255	50+52	Chloromethane	624	0	0.000
3	6.677	62+64	Vinyl Chloride	622	0	0.000
4	7.715	94+96	Bromomethane	846	0	0.000
5	9.834	49	Chloroethane	499	0	0.000
6	9.260	101+103	Trichlorofluoromethane	763	137	0.016
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	789	0	0.000
8	11.476	56	Acrolein	701	0	0.000
9	12.155	96+61+98	1,1-Dichloroethene	378	0	0.000
10	12.335	142	Iodomethane	908	131	131.006
11	12.360	43+58	Acetone	730	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	150	0	0.000
13	12.399	76	Carbon disulfide	843	0	0.000
14	13.489	41	Acetonitrile	380	0	0.000
15	13.347	41	Allyl chloride	592	0	0.000
16	13.806	84+49+86	Methylene Chloride	992	21592	2.045
17	14.632	59	tert-Butanol	424	0	0.000
18	14.541	73	Methyl-tert-butyl-ether (MTBE)	886	0	0.000
19	14.541	61+96	t-1,2-Dichloroethene	677	0	0.000
20	14.695	53	Acrylonitrile	601	0	0.000
21	15.951	63	1,1-Dichloroethane	741	0	0.000
22	16.349	43	Vinyl acetate	108	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.361	45	Isopropyl ether	392	0	0.000
24	16.953	59	Ethyl-tert-butyl-ether	694	0	0.000
25	17.197	77+41	2,2-Dichloropropane	443	0	0.000
26	17.438	61+96	c-1,2-Dichloroethene	761	0	0.000
27	18.105	43+72	2-Butanone (MEK)	211	0	0.000
28	17.915	54	Propionitrile	420	0	0.000
29	18.035	130+49	Bromochloromethane	844	253	0.052
30	18.350	39	Methacrylonitrile	537	0	0.000
31	18.217	83+85	Chloroform	984	8063	0.822
32	19.073	97+99	1,1,1-Trichloroethane	677	0	0.000
33	18.595	111	Dibromofluoromethane (Surr1)	866	105500	51.913
34	18.805	117+119	Carbon Tetrachloride	679	0	0.000
35	19.706	42+72	Tetrahydrofuran	673	0	0.000
36	18.919	75+39	1,1-Dichloropropene	341	0	0.000
37	19.362	78	Benzene	715	589	0.079
38	19.392	65	1,2-Dichloroethane-d4 (Surr2)	910	138333	54.434
39	19.164	62+64	1,2-Dichloroethane	435	0	0.000
40	19.745	73+55+87	tert-Amyl-methyl-ether	522	0	0.000
42	20.741	130+132+95	Trichloroethene	840	0	0.000
43	21.767	41	Methyl methacrylate	444	0	0.000
44	21.254	63+65	1,2-Dichloropropane	408	0	0.000
45	21.522	93+174	Dibromomethane	810	0	0.000
46	22.177	88	1,4-Dioxane	294	0	0.000
47	21.816	83+85	Bromodichloromethane	958	4308	0.636
48	22.986	63+43	2-Chloroethyl vinyl ether	386	0	0.000
49	22.690	75+77+39	c-1,3-Dichloropropene	486	0	0.000
50	22.986	43+58	4-Methyl-2-pentanone	307	0	0.000
51	23.121	98	Toluene-d8 (Surr3)	993	437209	53.953
52	23.253	92+91	Toluene	920	3331	0.167
53	24.302	69	Ethyl methacrylate	449	0	0.000
54	24.495	43+58+100	2-Hexanone	348	0	0.000
55	24.108	75+77	t-1,3-Dichloropropene	464	0	0.000
56	24.033	97+99	1,1,2-Trichloroethane	584	0	0.000
57	24.262	164+166	Tetrachloroethene	593	0	0.000
58	24.585	76+41	1,3-Dichloropropane	311	0	0.000
59	24.621	43	Isobutyl alcohol	290	0	0.000
60	24.876	129+127	Dibromochloromethane	893	867	0.213
61	25.134	107+109	1,2-Dibromoethane	729	0	0.000
62	26.295	91	1-Chlorohexane	802	0	0.000
64	26.536	112+114	Chlorobenzene	563	0	0.000
65	26.295	106+91	Ethylbenzene	829	0	0.000
66	26.244	131+117	1,1,1,2-Tetrachloroethane	614	0	0.000
67	26.331	106+91	p,m-Xylenes	963	0	0.000
68	27.140	106+91	o-Xylene	890	0	0.000
69	27.179	104+78	Styrene	919	0	0.000
70	27.693	171+173+175	Bromoform	800	159	0.065
71	27.858	105+120	Isopropylbenzene	950	0	0.000
72	29.114	75	cis-1,4-Dichloro-2-butene	580	0	0.000
73	28.352	95	p-Bromofluorobenzene (Surr4)	989	185778	55.946
74	28.782	83+85	1,1,2,2-Tetrachloroethane	537	0	0.000
75	28.743	77+158	Bromobenzene	878	0	0.000
76	28.818	91+120	n-Propylbenzene	892	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.011	75	trans-1,4-Dichloro-2-butene	599	0	0.000
78	28.731	75+110	1,2,3-Trichloropropane	615	0	0.000
79	29.153	91+126	2-Chlorotoluene	908	0	0.000
80	29.319	105+120	1,3,5-Trimethylbenzene	974	0	0.000
81	29.615	91+126	4-Chlorotoluene	778	0	0.000
82	30.065	119+91	tert-Butylbenzene	914	0	0.000
83	30.230	105+120	1,2,4-Trimethylbenzene	974	0	0.000
84	32.356	117	Pentachloroethane	978	0	0.000
85	30.716	105+134	sec-Butylbenzene	972	0	0.000
86	31.090	119	4-Isopropyltoluene	941	0	0.000
87	31.205	146+148	1,3-Dichlorobenzene	856	0	0.000
89	31.484	146+148	1,4-Dichlorobenzene	337	1907	0.231
90	32.320	91	Benzyl Chloride	974	0	0.000
91	32.320	91+134	n-Butylbenzene	973	0	0.000
92	32.640	146+148	1,2-Dichlorobenzene	908	0	0.000
93	35.211	75+157	1,2-Dibromo-3-chloropropane	444	0	0.000
94	37.076	180+182	1,2,4-Trichlorobenzene	971	3548	0.901
95	37.352	225+226	Hexachlorobutadiene	842	0	0.000
96	37.771	128	Naphthalene	979	5702	1.564
97	38.393	180+182	1,2,3-Trichlorobenzene	968	3167	0.804

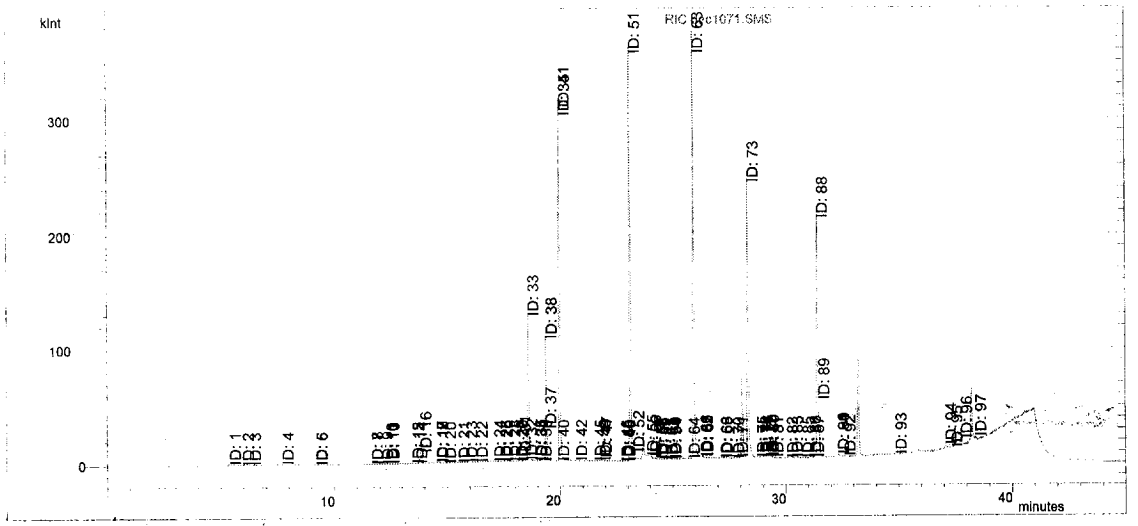
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1071.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-042 5.04g **Acquisition Dat** 12/4/02 10:08:23 PM

Inj. Notes: ~~3.0g - >20ml re-run~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.991	96+70	Fluorobenzene (IS1)	999	503440	50.000
63	25.944	117	Chlorobenzene-d5(IS2)	982	309209	50.000
88	31.416	152	1,4-Dichlorobenzene-d4(IS3)	985	131084	50.000
1	5.407	85	Dichlorodifluoromethane	42	0	0.000
2	5.959	50+52	Chloromethane	506	0	0.000
3	6.279	62+64	Vinyl Chloride	615	0	0.000
4	7.731	94+96	Bromomethane	801	0	0.000
5	9.191	49	Chloroethane	678	0	0.000
6	9.219	101+103	Trichlorofluoromethane	753	0	0.000
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	827	0	0.000
8	11.666	56	Acrolein	751	0	0.000
9	12.104	96+61+98	1,1-Dichloroethene	612	0	0.000
10	12.308	142	Iodomethane	912	207	206.718
11	12.372	43+58	Acetone	771	0	0.000
12	13.461	45	Isopropyl alcohol (2-Propanol)	204	0	0.000
13	12.384	76	Carbon disulfide	928	0	0.000
14	13.631	41	Acetonitrile	508	0	0.000
15	13.461	41	Allyl chloride	425	0	0.000
16	13.807	84+49+86	Methylene Chloride	994	22585	2.021
17	14.530	59	tert-Butanol	403	0	0.000
18	14.553	73	Methyl-tert-butyl-ether (MTBE)	866	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	715	0	0.000
20	14.901	53	Acrylonitrile	743	0	0.000
21	15.504	63	1,1-Dichloroethane	640	0	0.000
22	16.310	43	Vinyl acetate	108	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.836	45	Isopropyl ether	363	0	0.000
24	17.079	59	Ethyl-tert-butyl-ether	711	0	0.000
25	17.351	77+41	2,2-Dichloropropane	517	0	0.000
26	17.402	61+96	c-1,2-Dichloroethene	703	0	0.000
27	18.093	43+72	2-Butanone (MEK)	215	0	0.000
28	17.746	54	Propionitrile	518	0	0.000
29	18.054	130+49	Bromochloromethane	854	244	0.048
30	18.105	39	Methacrylonitrile	539	0	0.000
31	18.219	83+85	Chloroform	996	8037	0.775
32	18.515	97+99	1,1,1-Trichloroethane	520	0	0.000
33	18.596	111	Dibromofluoromethane (Surr1)	762	115245	53.589
34	18.957	117+119	Carbon Tetrachloride	773	0	0.000
35	19.993	42+72	Tetrahydrofuran	324	369	368.957
36	18.905	75+39	1,1-Dichloropropene	241	0	0.000
37	19.358	78	Benzene	691	708	0.089
38	19.394	65	1,2-Dichloroethane-d4 (Surr2)	923	153226	86.978
39	19.138	62+64	1,2-Dichloroethane	508	0	0.000
40	19.909	73+55+87	tert-Amyl-methyl-ether	545	0	0.000
42	20.722	130+132+95	Trichloroethene	812	0	0.000
43	21.764	41	Methyl methacrylate	360	0	0.000
44	21.764	63+65	1,2-Dichloropropane	405	0	0.000
45	21.549	93+174	Dibromomethane	815	211	0.060
46	22.714	88	1,4-Dioxane	548	14	14.106
47	21.818	83+85	Bromodichloromethane	972	4339	0.582
48	22.802	63+43	2-Chloroethyl vinyl ether	346	0	0.000
49	22.865	75+77+39	c-1,3-Dichloropropene	471	0	0.000
50	22.802	43+58	4-Methyl-2-pentanone	345	0	0.000
51	23.122	98	Toluene-d8 (Surr3)	993	458308	51.364
52	23.251	92+91	Toluene	872	3542	0.161
53	24.335	69	Ethyl methacrylate	485	0	0.000
54	24.911	43+58+100	2-Hexanone	369	0	0.000
55	23.874	75+77	t-1,3-Dichloropropene	430	0	0.000
56	24.015	97+99	1,1,2-Trichloroethane	621	0	0.000
57	24.272	164+166	Tetrachloroethene	584	0	0.000
58	24.323	76+41	1,3-Dichloropropane	334	0	0.000
59	24.438	43	Isobutyl alcohol	326	0	0.000
60	24.876	129+127	Dibromochloromethane	870	0	0.000
61	24.746	107+109	1,2-Dibromoethane	691	0	0.000
62	26.294	91	1-Chlorohexane	810	0	0.000
64	25.720	112+114	Chlorobenzene	634	0	0.000
65	26.294	106+91	Ethylbenzene	875	0	0.000
66	26.243	131+117	1,1,1,2-Tetrachloroethane	632	0	0.000
67	26.318	106+91	p,m-Xylenes	933	0	0.000
68	27.139	106+91	o-Xylene	942	0	0.000
69	27.190	104+78	Styrene	865	0	0.000
70	27.680	171+173+175	Bromoform	797	201	0.076
71	27.862	105+120	Isopropylbenzene	968	1125	0.051
72	28.871	75	cis-1,4-Dichloro-2-butene	608	0	0.000
73	28.353	95	p-Bromofluorobenzene (Surr4)	986	194719	54.204
74	28.950	83+85	1,1,2,2-Tetrachloroethane	487	0	0.000
75	28.733	77+158	Bromobenzene	815	0	0.000
76	28.899	91+120	n-Propylbenzene	872	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.001	75	trans-1,4-Dichloro-2-butene	458	0	0.000
78	28.871	75+110	1,2,3-Trichloropropane	589	0	0.000
79	29.128	91+126	2-Chlorotoluene	869	0	0.000
80	29.230	105+120	1,3,5-Trimethylbenzene	954	0	0.000
81	29.424	91+126	4-Chlorotoluene	792	0	0.000
82	30.079	119+91	tert-Butylbenzene	940	0	0.000
83	30.284	105+120	1,2,4-Trimethylbenzene	974	0	0.000
84	32.318	117	Pentachloroethane	976	0	0.000
85	30.746	105+134	sec-Butylbenzene	934	0	0.000
86	31.093	119	4-Isopropyltoluene	960	0	0.000
87	31.219	146+148	1,3-Dichlorobenzene	857	0	0.000
89	31.466	146+148	1,4-Dichlorobenzene	365	1369	0.153
90	32.318	91	Benzyl Chloride	979	0	0.000
91	32.333	91+134	n-Butylbenzene	977	0	0.000
92	32.625	146+148	1,2-Dichlorobenzene	881	0	0.000
93	34.879	75+157	1,2-Dibromo-3-chloropropane	437	0	0.000
94	37.072	180+182	1,2,4-Trichlorobenzene	972	3749	0.880
95	37.344	225+226	Hexachlorobutadiene	931	0	0.000
96	37.765	128	Naphthalene	978	5681	1.440
97	38.389	180+182	1,2,3-Trichlorobenzene	970	3423	0.804

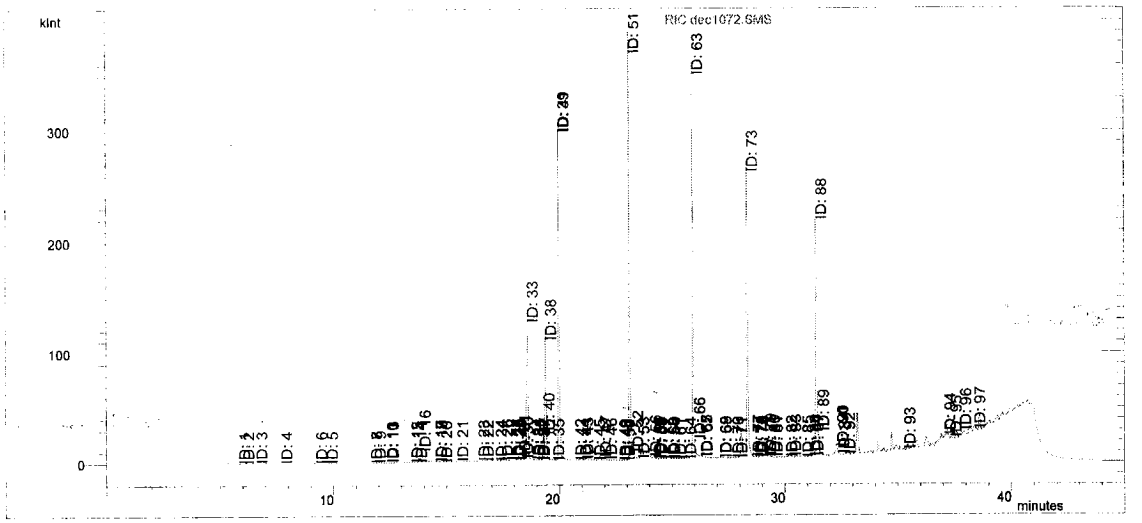
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1072.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102992-043 5.14g **Acquisition Dat** 12/4/02 10:55:39 PM

Inj. Notes: ~~5.0g -> 20ml re-run~~ **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.992	96+70	Fluorobenzene (IS1)	999	508316	50.000
63	25.943	117	Chlorobenzene-d5(IS2)	982	305386	50.000
88	31.413	152	1,4-Dichlorobenzene-d4(IS3)	979	131161	50.000
1	5.833	85	Dichlorodifluoromethane	50	0	0.000
2	6.023	50+52	Chloromethane	577	0	0.000
3	6.602	62+64	Vinyl Chloride	799	0	0.000
4	7.704	94+96	Bromomethane	830	0	0.000
5	9.716	49	Chloroethane	119	0	0.000
6	9.243	101+103	Trichlorofluoromethane	816	172	0.018
7	11.666	101+151	Trichlorotrifluoroethane (Freon 113)	791	0	0.000
8	11.666	56	Acrolein	693	0	0.000
9	11.835	96+61+98	1,1-Dichloroethene	702	0	0.000
10	12.348	142	Iodomethane	912	0	0.000
11	12.384	43+58	Acetone	780	0	0.000
12	13.449	45	Isopropyl alcohol (2-Propanol)	205	0	0.000
13	12.400	76	Carbon disulfide	927	0	0.000
14	13.643	41	Acetonitrile	604	0	0.000
15	13.461	41	Allyl chloride	408	0	0.000
16	13.810	84+49+86	Methylene Chloride	994	23904	2.119
17	14.518	59	tert-Butanol	373	0	0.000
18	14.540	73	Methyl-tert-butyl-ether (MTBE)	887	861	0.159
19	14.530	61+96	t-1,2-Dichloroethene	647	0	0.000
20	14.774	53	Acrylonitrile	767	0	0.000
21	15.492	63	1,1-Dichloroethane	454	0	0.000
22	16.605	43	Vinyl acetate	107	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.416	45	Isopropyl ether	394	0	0.000
24	17.185	59	Ethyl-tert-butyl-ether	620	0	0.000
25	17.454	77+41	2,2-Dichloropropane	473	0	0.000
26	17.465	61+96	c-1,2-Dichloroethene	423	0	0.000
27	17.927	43+72	2-Butanone (MEK)	615	0	0.000
28	18.006	54	Propionitrile	545	0	0.000
29	18.051	130+49	Bromochloromethane	873	293	0.057
30	18.365	39	Methacrylonitrile	452	0	0.000
31	18.222	83+85	Chloroform	984	8382	0.800
32	19.025	97+99	1,1,1-Trichloroethane	649	0	0.000
33	18.598	111	Dibromofluoromethane (Surr1)	825	113209	52.137
34	18.820	117+119	Carbon Tetrachloride	739	0	0.000
35	19.739	42+72	Tetrahydrofuran	537	0	0.000
36	18.895	75+39	1,1-Dichloropropene	351	0	0.000
37	19.100	78	Benzene	550	0	0.000
38	19.393	65	1,2-Dichloroethane-d4 (Surr2)	868	148952	54.858
39	19.990	62+64	1,2-Dichloroethane	368	12908	2.377
40	19.316	73+55+87	tert-Amyl-methyl-ether	577	2045	0.219
42	20.720	130+132+95	Trichloroethene	831	0	0.000
43	21.027	41	Methyl methacrylate	534	0	0.000
44	20.925	63+65	1,2-Dichloropropane	505	0	0.000
45	21.542	93+174	Dibromomethane	868	224	0.064
46	22.065	88	1,4-Dioxane	358	0	0.000
47	21.818	83+85	Bromodichloromethane	961	4512	0.613
48	22.760	63+43	2-Chloroethyl vinyl ether	339	0	0.000
49	22.681	75+77+39	c-1,3-Dichloropropene	429	0	0.000
50	22.874	43+58	4-Methyl-2-pentanone	318	0	0.000
51	23.122	98	Toluene-d8 (Surr3)	993	460781	52.287
52	23.256	92+91	Toluene	867	3788	0.175
53	23.525	69	Ethyl methacrylate	390	0	0.000
54	24.330	43+58+100	2-Hexanone	489	0	0.000
55	24.216	75+77	t-1,3-Dichloropropene	365	0	0.000
56	24.038	97+99	1,1,2-Trichloroethane	539	0	0.000
57	24.255	164+166	Tetrachloroethene	639	0	0.000
58	24.819	76+41	1,3-Dichloropropane	325	0	0.000
59	24.306	43	Isobutyl alcohol	374	0	0.000
60	24.873	129+127	Dibromochloromethane	885	994	0.225
61	25.139	107+109	1,2-Dibromoethane	671	0	0.000
62	26.302	91	1-Chlorohexane	885	0	0.000
64	25.589	112+114	Chlorobenzene	499	0	0.000
65	26.302	106+91	Ethylbenzene	885	0	0.000
66	26.007	131+117	1,1,1,2-Tetrachloroethane	470	0	0.000
67	26.326	106+91	p,m-Xylenes	959	0	0.000
68	27.147	106+91	o-Xylene	920	0	0.000
69	27.174	104+78	Styrene	900	0	0.000
70	27.689	171+173+175	Bromoform	732	187	0.071
71	27.865	105+120	Isopropylbenzene	914	0	0.000
72	28.753	75	cis-1,4-Dichloro-2-butene	703	0	0.000
73	28.352	95	p-Bromofluorobenzene (Surr4)	987	201071	55.940
74	28.678	83+85	1,1,2,2-Tetrachloroethane	656	0	0.000
75	28.742	77+158	Bromobenzene	862	0	0.000
76	28.805	91+120	n-Propylbenzene	803	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.576	75	trans-1,4-Dichloro-2-butene	388	0	0.000
78	28.805	75+110	1,2,3-Trichloropropane	584	0	0.000
79	29.124	91+126	2-Chlorotoluene	834	0	0.000
80	29.306	105+120	1,3,5-Trimethylbenzene	939	0	0.000
81	29.432	91+126	4-Chlorotoluene	683	0	0.000
82	30.075	119+91	tert-Butylbenzene	904	0	0.000
83	30.241	105+120	1,2,4-Trimethylbenzene	981	0	0.000
84	32.385	117	Pentachloroethane	950	0	0.000
85	30.781	105+134	sec-Butylbenzene	918	0	0.000
86	31.113	119	4-Isopropyltoluene	949	0	0.000
87	31.227	146+148	1,3-Dichlorobenzene	826	0	0.000
89	31.487	146+148	1,4-Dichlorobenzene	320	1657	0.185
90	32.331	91	Benzyl Chloride	958	0	0.000
91	32.331	91+134	n-Butylbenzene	954	0	0.000
92	32.642	146+148	1,2-Dichlorobenzene	906	0	0.000
93	35.302	75+157	1,2-Dibromo-3-chloropropane	495	0	0.000
94	37.073	180+182	1,2,4-Trichlorobenzene	955	3258	0.764
95	37.342	225+226	Hexachlorobutadiene	855	0	0.000
96	37.764	128	Naphthalene	975	5855	1.484
97	38.386	180+182	1,2,3-Trichlorobenzene	972	3172	0.744

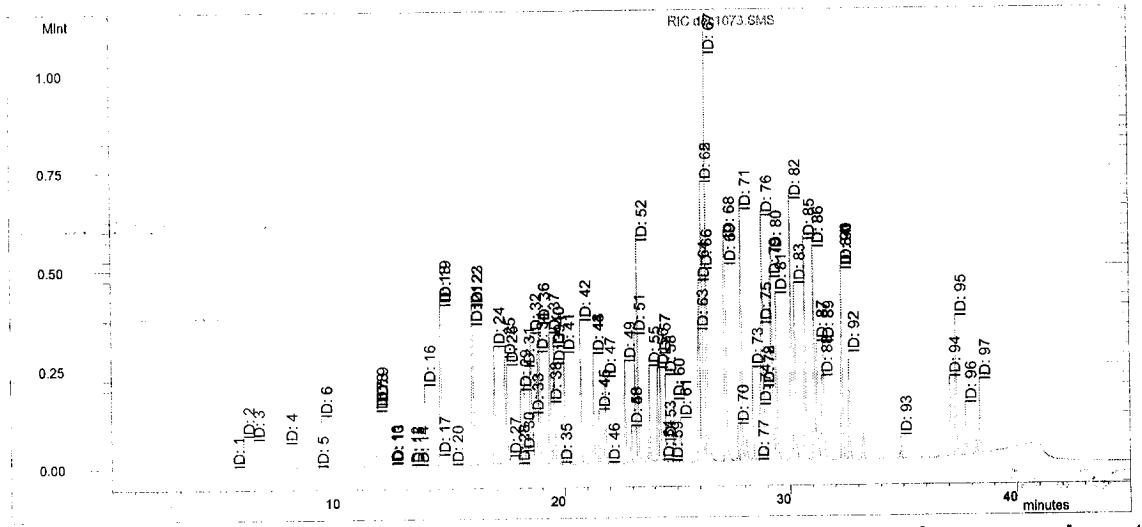
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1073.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS soil **Acquisition Dat** 12/4/02 11:43:23 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.994	96+70	Fluorobenzene (IS1)	999	459815	50.000
63	25.946	117	Chlorobenzene-d5(IS2)	989	283298	50.000
88	31.416	152	1,4-Dichlorobenzene-d4(IS3)	976	130015	50.000
1	5.356	85	Dichlorodifluoromethane	590	0	0.000
2	5.805	50+52	Chloromethane	995	122828	65.726
3	6.251	62+64	Vinyl Chloride	999	208344	53.245
4	7.701	94+96	Bromomethane	953	47180	29.966
5	9.053	49	Chloroethane	399	0	0.000
6	9.240	101+103	Trichlorofluoromethane	994	547805	65.070
7	11.690	101+151	Trichlorotrifluoroethane (Freon 113)	788	801	50.049
8	11.697	56	Acrolein	633	947	946.909
9	11.710	96+61+98	1,1-Dichloroethene	997	535869	58.256
10	12.326	142	Iodomethane	949	2080	2080.444
11	12.366	43+58	Acetone	956	24653	48.008
12	13.201	45	Isopropyl alcohol (2-Propanol)	547	0	0.000
13	12.392	76	Carbon disulfide	920	0	0.000
14	13.481	41	Acetonitrile	566	0	0.000
15	13.276	41	Allyl chloride	715	0	0.000
16	13.810	84+49+86	Methylene Chloride	999	490470	48.065
17	14.450	59	tert-Butanol	575	56807	351.597
18	14.522	73	Methyl-tert-butyl-ether (MTBE)	929	228554	46.652
19	14.534	61+96	t-1,2-Dichloroethene	978	433919	58.039
20	15.023	53	Acrylonitrile	546	0	0.000
21	15.920	63	1,1-Dichloroethane	983	305310	57.650
22	15.949	43	Vinyl acetate	772	169048	169048.300

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.948	45	Isopropyl ether	990	418067	59.062
24	16.892	59	Ethyl-tert-butyl-ether	999	460915	60.080
25	17.369	77+41	2,2-Dichloropropane	993	410224	52.642
26	17.462	61+96	c-1,2-Dichloroethene	991	416664	53.042
27	17.580	43+72	2-Butanone (MEK)	959	38746	52.655
28	17.952	54	Propionitrile	527	0	0.000
29	18.047	130+49	Bromochloromethane	989	242203	51.887
30	18.177	39	Methacrylonitrile	451	0	0.000
31	18.220	83+85	Chloroform	1000	499333	52.698
32	18.528	97+99	1,1,1-Trichloroethane	983	663353	55.450
33	18.600	111	Dibromofluoromethane (Surr1)	921	109003	55.496
34	18.816	117+119	Carbon Tetrachloride	971	535289	56.379
35	19.823	42+72	Tetrahydrofuran	655	0	0.000
36	18.896	75+39	1,1-Dichloropropene	993	0	0.000
37	19.353	78	Benzene	996	361611	49.868
38	19.397	65	1,2-Dichloroethane-d4 (Surr2)	988	120827	49.193
39	19.565	62+64	1,2-Dichloroethane	985	273772	55.729
40	19.530	73+55+87	tert-Amyl-methyl-ether	980	440256	52.083
42	20.726	130+132+95	Trichloroethene	988	530847	55.284
43	21.290	41	Methyl methacrylate	530	105672	105672.400
44	21.291	63+65	1,2-Dichloropropane	999	138586	55.713
45	21.542	93+174	Dibromomethane	954	176541	54.574
46	21.953	88	1,4-Dioxane	703	0	0.000
47	21.818	83+85	Bromodichloromethane	990	364159	53.310
48	22.954	63+43	2-Chloroethyl vinyl ether	994	87662	54.873
49	22.693	75+77+39	c-1,3-Dichloropropene	991	368397	49.506
50	22.953	43+58	4-Methyl-2-pentanone	994	118285	56.573
51	23.124	98	Toluene-d8 (Surr3)	993	413976	50.639
52	23.255	92+91	Toluene	996	1091367	54.298
53	24.458	69	Ethyl methacrylate	448	0	0.000
54	24.381	43+58+100	2-Hexanone	408	0	0.000
55	23.787	75+77	t-1,3-Dichloropropene	661	169763	55.986
56	24.150	97+99	1,1,2-Trichloroethane	971	196959	52.840
57	24.262	164+166	Tetrachloroethene	945	46035	52.651
58	24.488	76+41	1,3-Dichloropropane	986	271766	49.053
59	24.755	43	Isobutyl alcohol	447	0	0.000
60	24.875	129+127	Dibromochloromethane	949	217968	53.086
61	25.147	107+109	1,2-Dibromoethane	986	234365	51.315
62	26.105	91	1-Chlorohexane	996	773548	54.599
64	26.002	112+114	Chlorobenzene	993	578582	50.157
65	26.105	106+91	Ethylbenzene	996	1115678	48.989
66	26.144	131+117	1,1,1,2-Tetrachloroethane	990	269331	20.512
67	26.323	106+91	p,m-Xylenes	996	1886232	97.916
68	27.137	106+91	o-Xylene	999	1029801	51.777
69	27.183	104+78	Styrene	988	616285	49.559
70	27.687	171+173+175	Bromoform	929	133672	50.969
71	27.860	105+120	Isopropylbenzene	999	1126220	51.411
72	28.856	75	cis-1,4-Dichloro-2-butene	969	79043	49.658
73	28.354	95	p-Bromofluorobenzene (Surr4)	987	179841	50.474
74	28.682	83+85	1,1,2,2-Tetrachloroethane	968	179057	47.627
75	28.742	77+158	Bromobenzene	985	450827	51.248
76	28.799	91+120	n-Propylbenzene	997	1295299	51.484

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.576	75	trans-1,4-Dichloro-2-butene	394	0	0.000
78	28.857	75+110	1,2,3-Trichloropropane	966	121416	52.075
79	29.142	91+126	2-Chlorotoluene	991	791141	48.742
80	29.217	105+120	1,3,5-Trimethylbenzene	998	1038133	51.967
81	29.425	91+126	4-Chlorotoluene	992	731298	50.453
82	30.061	119+91	tert-Butylbenzene	986	1418801	52.848
83	30.231	105+120	1,2,4-Trimethylbenzene	994	956189	52.786
84	32.311	117	Pentachloroethane	990	4311	53.012
85	30.678	105+134	sec-Butylbenzene	997	1134644	52.697
86	31.073	119	4-Isopropyltoluene	989	737738	52.674
87	31.207	146+148	1,3-Dichlorobenzene	992	473115	50.480
89	31.489	146+148	1,4-Dichlorobenzene	984	426874	48.107
90	32.309	91	Benzyl Chloride	991	575104	51.836
91	32.309	91+134	n-Butylbenzene	991	817696	50.640
92	32.624	146+148	1,2-Dichlorobenzene	992	411629	49.135
93	34.900	75+157	1,2-Dibromo-3-chloropropane	962	56424	46.462
94	37.067	180+182	1,2,4-Trichlorobenzene	976	192767	45.620
95	37.342	225+226	Hexachlorobutadiene	981	160711	49.789
96	37.762	128	Naphthalene	982	171795	43.916
97	38.384	180+182	1,2,3-Trichlorobenzene	983	175351	41.499

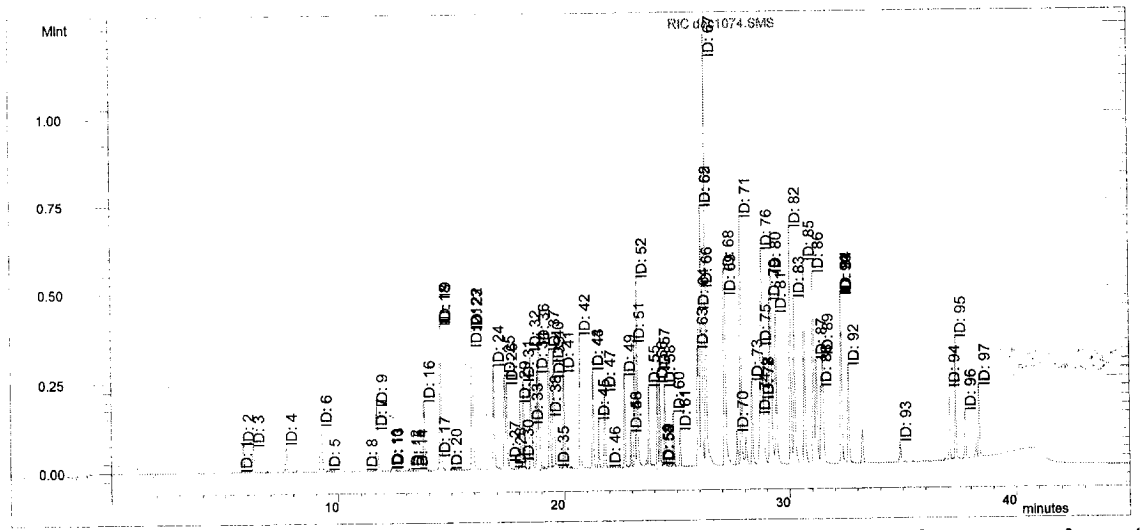
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1074.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCSD soil **Acquisition Dat** 12/5/02 12:30:45 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.990	96+70	Fluorobenzene (IS1)	999	452931	50.000
63	25.941	117	Chlorobenzene-d5(IS2)	981	279413	50.000
88	31.411	152	1,4-Dichlorobenzene-d4(IS3)	971	130602	50.000
1	5.703	85	Dichlorodifluoromethane	699	0	0.000
2	5.804	50+52	Chloromethane	995	117066	63.594
3	6.250	62+64	Vinyl Chloride	999	210782	54.687
4	7.704	94+96	Bromomethane	948	71622	46.181
5	9.582	49	Chloroethane	110	0	0.000
6	9.237	101+103	Trichlorofluoromethane	995	531391	64.080
7	11.676	101+151	Trichlorotrifluoroethane (Freon 113)	807	0	0.000
8	11.236	56	Acrolein	740	0	0.000
9	11.706	96+61+98	1,1-Dichloroethene	998	560131	61.819
10	12.331	142	Iodomethane	959	1965	1965.427
11	12.367	43+58	Acetone	982	23304	46.072
12	13.209	45	Isopropyl alcohol (2-Propanol)	555	0	0.000
13	12.388	76	Carbon disulfide	919	0	0.000
14	13.466	41	Acetonitrile	488	0	0.000
15	13.300	41	Allyl chloride	703	0	0.000
16	13.806	84+49+86	Methylene Chloride	999	461440	45.907
17	14.460	59	tert-Butanol	584	36445	229.001
18	14.523	73	Methyl-tert-butyl-ether (MTBE)	917	223035	46.217
19	14.531	61+96	t-1,2-Dichloroethene	975	435129	59.085
20	14.981	53	Acrylonitrile	570	0	0.000
21	15.917	63	1,1-Dichloroethane	985	299693	57.449
22	15.944	43	Vinyl acetate	730	164019	164018.700

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.946	45	Isopropyl ether	997	411623	59.035
24	16.890	59	Ethyl-tert-butyl-ether	999	436081	57.707
25	17.365	77+41	2,2-Dichloropropane	993	397139	51.738
26	17.458	61+96	c-1,2-Dichloroethene	991	410608	53.066
27	17.578	43+72	2-Butanone (MEK)	960	38547	53.180
28	17.807	54	Propionitrile	347	0	0.000
29	18.044	130+49	Bromochloromethane	997	242972	52.843
30	18.170	39	Methacrylonitrile	371	0	0.000
31	18.216	83+85	Chloroform	999	500399	53.613
32	18.524	97+99	1,1,1-Trichloroethane	984	642006	54.481
33	18.595	111	Dibromofluoromethane (Surr1)	906	103195	53.337
34	18.812	117+119	Carbon Tetrachloride	968	510190	54.552
35	19.724	42+72	Tetrahydrofuran	651	0	0.000
36	18.898	75+39	1,1-Dichloropropene	993	0	0.000
37	19.350	78	Benzene	996	358130	50.139
38	19.395	65	1,2-Dichloroethane-d4 (Surr2)	985	111258	45.986
39	19.561	62+64	1,2-Dichloroethane	983	274033	56.630
40	19.525	73+55+87	tert-Amyl-methyl-ether	972	437864	52.588
42	20.722	130+132+95	Trichloroethene	988	515075	54.387
43	21.287	41	Methyl methacrylate	539	106501	106501.000
44	21.286	63+65	1,2-Dichloropropane	999	142632	58.137
45	21.539	93+174	Dibromomethane	957	174644	54.738
46	22.008	88	1,4-Dioxane	505	0	0.000
47	21.814	83+85	Bromodichloromethane	991	340304	50.510
48	22.950	63+43	2-Chloroethyl vinyl ether	990	86334	54.793
49	22.689	75+77+39	c-1,3-Dichloropropene	992	365613	49.815
50	22.950	43+58	4-Methyl-2-pentanone	990	117704	57.078
51	23.121	98	Toluene-d8 (Surr3)	993	429542	53.273
52	23.251	92+91	Toluene	997	1064174	53.682
53	24.404	69	Ethyl methacrylate	531	0	0.000
54	24.392	43+58+100	2-Hexanone	481	0	0.000
55	23.783	75+77	t-1,3-Dichloropropene	647	158618	53.038
56	24.145	97+99	1,1,2-Trichloroethane	972	190197	51.735
57	24.258	164+166	Tetrachloroethene	942	45636	52.921
58	24.485	76+41	1,3-Dichloropropane	986	276551	50.611
59	24.368	43	Isobutyl alcohol	416	0	0.000
60	24.871	129+127	Dibromochloromethane	954	212620	52.503
61	25.143	107+109	1,2-Dibromoethane	984	224079	49.745
62	26.100	91	1-Chlorohexane	998	770572	55.145
64	25.997	112+114	Chlorobenzene	993	573443	50.403
65	26.100	106+91	Ethylbenzene	998	1109965	48.519
66	26.141	131+117	1,1,1,2-Tetrachloroethane	981	269887	20.462
67	26.318	106+91	p,m-Xylenes	996	1973452	101.983
68	27.132	106+91	o-Xylene	996	985157	49.310
69	27.179	104+78	Styrene	985	595707	47.689
70	27.683	171+173+175	Bromoform	934	130473	49.525
71	27.856	105+120	Isopropylbenzene	999	1183846	53.799
72	28.852	75	cis-1,4-Dichloro-2-butene	969	75813	47.415
73	28.350	95	p-Bromofluorobenzene (Surr4)	988	174316	48.703
74	28.678	83+85	1,1,2,2-Tetrachloroethane	966	175656	46.512
75	28.737	77+158	Bromobenzene	989	439229	49.705
76	28.795	91+120	n-Propylbenzene	996	1260365	49.870

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.852	75	trans-1,4-Dichloro-2-butene	365	75569	47.262
78	28.851	75+110	1,2,3-Trichloropropane	967	114692	48.970
79	29.138	91+126	2-Chlorotoluene	991	785715	48.190
80	29.212	105+120	1,3,5-Trimethylbenzene	998	1059440	52.795
81	29.421	91+126	4-Chlorotoluene	992	730429	50.167
82	30.056	119+91	tert-Butylbenzene	988	1446854	53.650
83	30.228	105+120	1,2,4-Trimethylbenzene	994	973219	53.485
84	32.308	117	Pentachloroethane	990	4582	56.086
85	30.675	105+134	sec-Butylbenzene	997	1139426	52.681
86	31.069	119	4-Isopropyltoluene	986	753156	53.533
87	31.203	146+148	1,3-Dichlorobenzene	983	472573	50.195
89	31.485	146+148	1,4-Dichlorobenzene	984	434463	48.742
90	32.305	91	Benzyl Chloride	992	576068	51.690
91	32.305	91+134	n-Butylbenzene	992	820550	50.588
92	32.620	146+148	1,2-Dichlorobenzene	987	413643	49.153
93	34.899	75+157	1,2-Dibromo-3-chloropropane	964	56556	46.362
94	37.068	180+182	1,2,4-Trichlorobenzene	976	199266	46.946
95	37.343	225+226	Hexachlorobutadiene	981	156074	48.135
96	37.763	128	Naphthalene	981	175890	44.760
97	38.385	180+182	1,2,3-Trichlorobenzene	983	186027	43.827

EPA 8270:

Data & QA/QC

Sequence Name: C:\HPCHEM\1\SEQUENCE\120702.S
Comment: data analyzed on the 7th of December 2002
Operator: dp
Data Path: C:\HPCHEM\1\DATA\DEC02\120702\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	120701	DFTPP525	50 ng of DFTPP Tune
2	Sample	3	120702	020401	50 ppm 8270 ccv
3	Sample	7	120703	020401	MB 120702
4	Sample	8	120704	020401	LCS 120702
5	Sample	9	120705	020401	103295-491
6	Sample	10	120706	020401	103295-491, MS
7	Sample	11	120707	020401	103295-491, MSD
8	Sample	12	120708	020401	103295-490
9	Sample	13	120709	020401	103295-492
10	Sample	14	120710	020401	103295-493
11	Sample	15	120711	020401	MB 120402
12	Sample	16	120712	020401	LCS 120402
13	Sample	17	120713	020401	102992-035
14	Sample	18	120714	020401	102992-035, MS
15	Sample	19	120715	020401	102992-035, MSD
16	Sample	1	120716	DFTPP525	50 ng of DFTPP Tune
17	Sample	3	120717	020401	50 ppm 8270 ccv
18	Sample	20	120718	020401	102992-033
19	Sample	21	120719	020401	102992-034
20	Sample	22	120720	020401	102992-036
21	Sample	23	120721	020401	102992-037
22	Sample	24	120722	020401	102992-038
23	Sample	25	120723	020401	102992-039
24	Sample	26	120724	020401	102992-040
25	Sample	27	120725	020401	102992-041
26	Sample	28	120726	020401	102992-042
27	Sample	29	120727	020401	102992-043
28	Sample	30	120728	020401	MB 120402
29	Sample	31	120729	020401	LCS 120402
30	Sample	1	120730	DFTPP525	50 ng of DFTPP Tune
31	Sample	3	120731	020401	50 ppm 8270 ccv
32	Sample	32	120732	020401	102995-057
33	Sample	33	120733	020401	102995-057, MS
34	Sample	34	120734	020401	102995-057, MSD
35	Sample	35	120735	020401	102995-051
36	Sample	36	120736	020401	102995-052
37	Sample	37	120737	020401	102995-053
38	Sample	38	120738	020401	102995-054
39	Sample	39	120739	020401	102995-055
40	Sample	40	120740	020401	102995-056
41	Sample	41	120741	020401	102995-058
42	Sample	42	120742	020401	102995-059
43	Sample	43	120743	020401	102995-060

Sequence Name: C:\HPCHEM\1\SEQUENCE\120702.S

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	3	120744	020401	50 ppm 8270 ccv

000195

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration

Non-Spiked Sample: 120711.D, MB 120402, method blank - soil

	Spike Sample	Spike Duplicate Sample
File ID :	120712.D	
Sample :	LCS 120402	
Acq Time:	7 Dec 2002 11:45 pm	

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.1	50	36		72			35	26-125
2-Chlorophenol	0.0	50	33		67			50	25-125
1,4-Dichlorobenzene	0.0	50	30		61			27	28-104
n-Nitroso-di-n-propy	0.1	50	26		51			38	41-126
1,2,4-Trichlorobenze	0.0	50	34		67			23	38-107
4-Chloro-3-methylphe	0.0	50	46		91			33	26-103
Acenaphthene	0.0	50	40		80			19	31-137
4-Nitrophenol	0.1	50	51		103			50	11-114
2,4-Dinitrotoluene	0.0	50	45		90			47	28- 89
Pentachlorophenol	0.0	50	13		25			47	17-109
Pyrene	0.0	50	45		90			36	35-142

- Fails Limit Check

120202.M Sun Dec 08 20:54:15 2002

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration

Non-Spiked Sample: 120713.D, 102992-035, soil sample

	Spike Sample	Spike Duplicate Sample
File ID :	120714.D	120715.D
Sample :	102992-035, MS	102992-035, MSD
Acq Time:	8 Dec 2002 1:11 am	8 Dec 2002 1:54 am

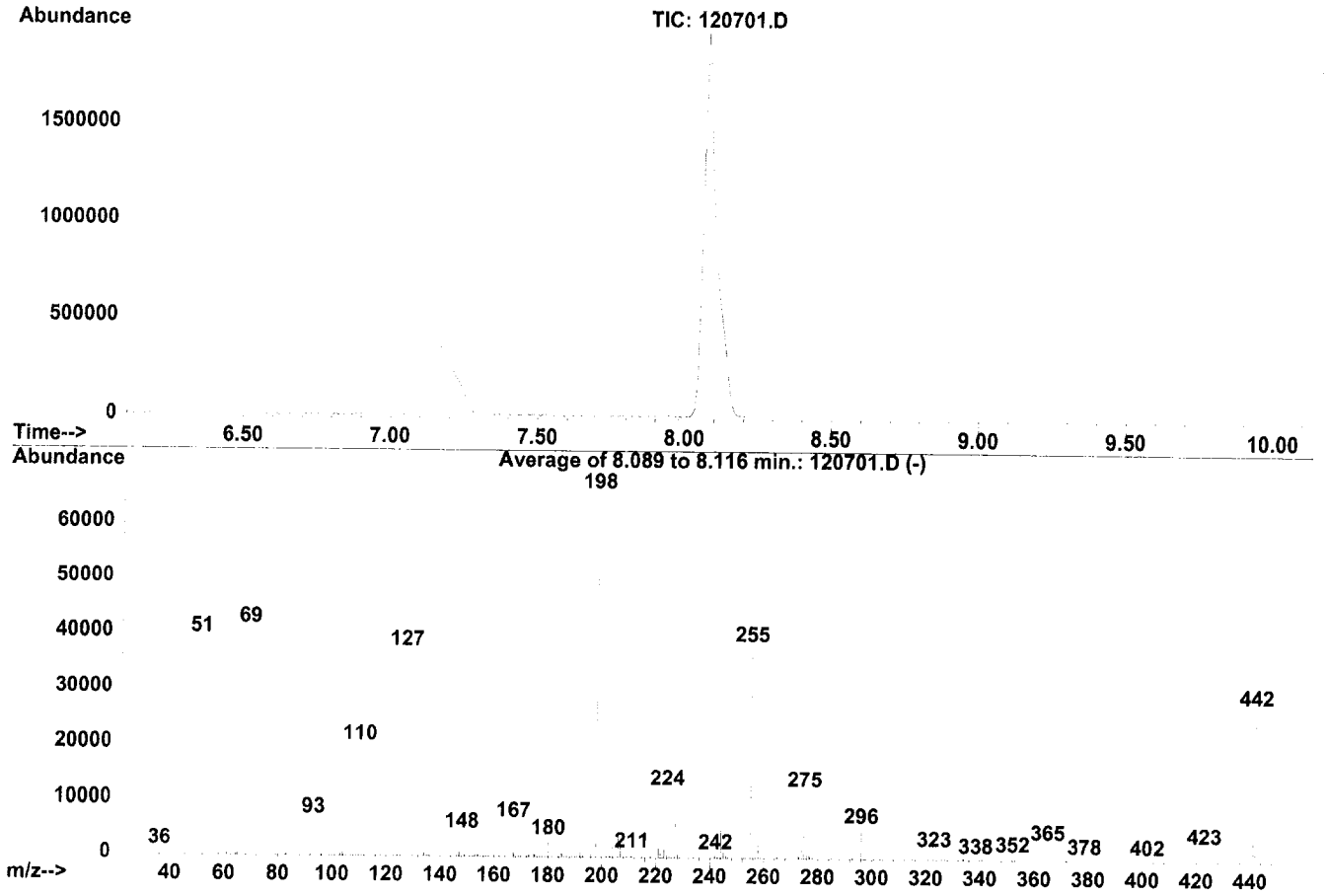
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	50	26	27	53	55	4	35	26-125
2-Chlorophenol	0.0	50	25	26	50	52	4	50	25-125
1,4-Dichlorobenzene	0.0	50	24	24	49	47	3	27	28-104
n-Nitroso-di-n-propy	0.1	50	23	21	45	42	7	38	41-126
1,2,4-Trichlorobenze	0.0	50	23	24	46	49	5	23	38-107
4-Chloro-3-methylphe	0.0	50	29	28	58	56	4	33	26-103
Acenaphthene	0.0	50	26	25	52	51	3	19	31-137
4-Nitrophenol	0.0	50	45	51	91	103	12	50	11-114
2,4-Dinitrotoluene	0.0	50	31	34	61	68	11	47	28- 89
Pentachlorophenol	0.0	50	16	26	31	51	49#	47	17-109
Pyrene	0.0	50	33	38	65	76	15	36	35-142

- Fails Limit Check

120202.M Sun Dec 08 20:58:35 2002

DFTPP

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120701.D Vial: 1
Acq On : 7 Dec 2002 4:09 pm Operator: dp
Sample : 50 ng of DFTPP Tune Inst : GC/MS Ins
Misc : W# 02120206, Lot # B1100352-1A Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270



Spectrum Information: Average of 8.089 to 8.116 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	58.7	38982	PASS
68	69	0.00	2	0.9	363	PASS
69	198	0.00	100	61.4	40748	PASS
70	69	0.00	2	0.7	266	PASS
127	198	40	60	55.5	36824	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	66372	PASS
199	198	5	9	7.5	5001	PASS
275	198	10	30	17.9	11897	PASS
365	198	1	100	4.1	2751	PASS
441	443	0.01	100	76.5	4530	PASS
442	198	40	100	41.3	27414	PASS
443	442	17	23	21.6	5923	PASS

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration

Calibration Files
20 =113002.D 50 =113003.D 80 =113004.D
120 =113005.D 160 =113006.D

		Compound	20	50	80	120	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)		Pyridine	0.705	0.856	0.782	0.961	0.889	0.839	11.73
3)	S	2-Fluorophenol	0.967	0.836	0.823	1.021	0.993	0.928	9.95
4)	S	Phenol-d5	1.184	1.056	1.097	1.306	1.246	1.178	8.74
5)	TMC	Phenol	1.288	1.244	1.253	1.527	1.418	1.346	9.12#
6)	T	Aniline	1.172	1.071	1.080	1.253	1.179	1.151	6.60
7)	T	bis(2-Chloroethyl)eth	0.995	0.931	0.929	1.099	1.052	1.001	7.49
8)	TM	2-Chlorophenol	0.929	0.888	0.885	1.049	0.991	0.948	7.47
9)	T	1,3-Dichlorobenzene	1.015	0.963	0.976	1.144	1.116	1.043	7.88
10)	TMC	1,4-Dichlorobenzene	1.090	0.996	1.014	1.211	1.159	1.094	8.41#
11)	T	Benzyl alcohol	0.782	0.715	0.713	0.853	0.809	0.774	7.83
12)	T	1,2-Dichlorobenzene	1.015	0.934	0.930	1.097	1.051	1.006	7.26
13)	T	2-Methylphenol	0.782	0.715	0.713	0.853	0.809	0.774	7.83
14)	T	bis(2-Chloroisopropyl	1.805	1.733	1.753	2.038	1.920	1.850	6.91
15)	T	4-Methylphenol	1.025	0.962	1.004	1.158	1.087	1.047	7.31
16)	T	3-Methylphenol	1.025	0.962	1.004	1.158	1.087	1.047	7.31
17)	TMP	n-Nitroso-di-n-propyl	0.503	0.488	0.510	0.613	0.550	0.533	9.48
18)	T	Hexachloroethane	0.422	0.457	0.462	0.544	0.506	0.478	9.87
19)	I	Naphthalene-d8	----------ISTD----------						
20)	S	Nitrobenzene-d5	0.462	0.462	0.525	0.514	0.515	0.496	6.24
21)	T	Nitrobenzene	0.232	0.228	0.265	0.263	0.266	0.251	7.61
22)	T	Isophorone	0.881	0.853	0.961	0.932	0.924	0.910	4.72
23)	TC	2-Nitrophenol	0.243	0.238	0.270	0.273	0.280	0.261	7.27#
24)	T	2,4-Dimethylphenol	0.285	0.290	0.320	0.322	0.328	0.309	6.44
25)	T	bis(2-Chloroethoxy)me	0.489	0.546	0.588	0.558	0.566	0.549	6.75
26)	T	Benzoic acid	0.221	0.251	0.293	0.297	0.299	0.272	12.77
27)	TC	2,4-Dichlorophenol	0.330	0.325	0.358	0.357	0.364	0.347	5.13#
28)	TM	1,2,4-Trichlorobenzen	0.317	0.334	0.372	0.360	0.372	0.351	7.00
29)	T	Naphthalene	1.162	1.177	1.308	1.263	1.277	1.237	5.19
30)	T	4-Chloroaniline	0.463	0.467	0.527	0.523	0.519	0.500	6.37
31)	TC	Hexachlorobutadiene	0.167	0.164	0.185	0.185	0.189	0.178	6.36#
32)	TMC	4-Chloro-3-methylphen	0.329	0.339	0.405	0.379	0.387	0.368	8.83#
33)	T	2-Methylnaphthalene	0.734	0.752	0.863	0.841	0.845	0.807	7.37
34)	I	Acenaphthene-d10	----------ISTD----------						
35)	TP	Hexachloropentadiene	0.256	0.280	0.306	0.309	0.323	0.295	8.96
36)	TC	2,4,6-Trichlorophenol	0.356	0.347	0.416	0.407	0.425	0.390	9.23#
37)	T	2,4,5-Trichlorophenol	0.374	0.368	0.412	0.427	0.440	0.404	7.89
38)	S	2-Fluorobiphenyl	1.302	1.310	1.487	1.429	1.477	1.401	6.39
39)	T	2-Chloronaphthalene	1.266	1.230	1.407	1.348	1.398	1.330	5.95
40)	T	2-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
41)	T	Dimethylphthalate	1.457	1.487	1.644	1.563	1.580	1.546	4.85

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration

Calibration Files
20 =113002.D 50 =113003.D 80 =113004.D
120 =113005.D 160 =113006.D

		Compound	20	50	80	120	160	Avg	%RSD
42)	T	2,6-Dinitrotoluene	0.305	0.328	0.390	0.374	0.387	0.357	10.70
43)	T	Acenaphthylene	2.167	2.144	2.406	2.271	2.287	2.255	4.64
44)	T	3-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
45)	TMC	Acenaphthene	1.237	1.232	1.352	1.326	1.354	1.300	4.68#
46)	TP	2,4-Dinitrophenol	0.118	0.156	0.200	0.207	0.223	0.181	23.92
47)	TMP	4-Nitrophenol	0.172	0.202	0.242	0.227	0.244	0.218	14.04
48)	TM	2,4-Dinitrotoluene	0.376	0.435	0.506	0.478	0.494	0.458	11.62
49)	T	Dibenzofuran	1.752	1.790	2.011	1.887	1.930	1.874	5.58
50)	T	Diethylphthalate	1.561	1.594	1.753	1.620	1.645	1.635	4.48
51)	T	4-Chlorophenyl phenyl	0.583	0.569	0.650	0.621	0.631	0.611	5.51
52)	T	Fluorene	1.447	1.408	1.622	1.543	1.569	1.518	5.82
53)	T	4-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
54)	S	2,4,6-Tribromophenol	0.128	0.149	0.167	0.168	0.167	0.156	11.38
55)	I	Phenanthrene-d10	----------ISTD----------						
56)	T	4,6-Dinitro-2-methylp	0.124	0.161	0.203	0.218	0.227	0.186	23.28
57)	TC	n-Nitrosodiphenylamin	0.667	0.696	0.752	0.784	0.771	0.734	6.84#
58)	T	Azobenzene	1.292	1.332	1.431	1.438	1.463	1.391	5.35
59)	T	4-Bromophenyl phenyl	0.221	0.225	0.245	0.249	0.255	0.239	6.41
60)	T	Hexachlorobenzene	0.228	0.234	0.269	0.269	0.265	0.253	8.00
61)	TMC	Pentachlorophenol	0.128	0.143	0.169	0.175	0.192	0.161	15.86#
62)	T	Anthracene	1.366	1.343	1.507	1.539	1.562	1.463	6.95
63)	T	Phenanthrene	1.376	1.374	1.477	1.497	1.506	1.446	4.55
64)	T	Di-n-butylphthalate	2.011	2.024	2.211	2.212	2.223	2.136	5.09
65)	TC	Fluoranthene	1.295	1.292	1.468	1.425	1.469	1.390	6.45#
66)	I	Chrysene-d12	----------ISTD----------						
67)	TM	Pyrene	1.694	1.622	1.843	1.807	1.929	1.779	6.85
68)	S	Terphenyl-d14	1.087	1.062	1.214	1.193	1.270	1.165	7.53
69)	T	Butylbenzylphthalate	1.082	1.069	1.234	1.220	1.281	1.177	8.13
70)	T	3,3'-Dichlorobenzidin	0.488	0.497	0.616	0.605	0.630	0.567	12.13
71)	T	bis(2-Ethylhexyl)phth	1.421	1.507	1.659	1.649	1.781	1.603	8.79
72)	T	Benzo(a)anthracene	1.455	1.450	1.663	1.633	1.675	1.575	7.16
73)	T	Chrysene	1.380	1.331	1.507	1.516	1.588	1.464	7.22
74)	I	Perylene-d12	----------ISTD----------						
75)	TC	Di-n-octylphthalate	2.073	2.271	2.396	2.393	2.676	2.362	9.28#
76)	T	Benzo(b)fluoranthrene	2.068	2.078	2.321	2.201	2.240	2.181	4.96
77)	T	Benzo(k)fluoranthrene	1.707	1.834	1.952	1.969	2.186	1.929	9.22
78)	TC	Benzo(a)pyrene	1.593	1.726	1.913	1.858	2.017	1.821	9.07#
79)	T	Indeno(1,2,3-cd)pyren	1.751	1.869	2.166	2.123	2.268	2.035	10.64
80)	T	Dibenzo(a,h)anthracen	1.322	1.479	1.710	1.691	1.804	1.601	12.24
81)	T	Benzo(g,h,i)perylene	1.453	1.575	1.808	1.780	1.860	1.695	10.23

(#) = Out of Range

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 7 17:33 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.15	150	1932322	40.00	ug/L	-0.01
19) Naphthalene-d8	12.56	136	3994744	40.00	ug/L	-0.02
34) Acenaphthene-d10	17.17	164	1973174	40.00	ug/L	-0.02
55) Phenanthrene-d10	21.01	188	2412474	40.00	ug/L	-0.04
66) Chrysene-d12	27.83	240	1912594	40.00	ug/L	-0.05
74) Perylene-d12	31.23	264	1186827	40.00	ug/L	-0.06
System Monitoring Compounds						
3) 2-Fluorophenol	5.72	112	1976817	44.10	ug/L	0.11
Spiked Amount 100.000	Range 21 - 110		Recovery = 44.10%			
4) Phenol-d5	8.48	99	2731061	48.00	ug/L	0.00
Spiked Amount 100.000	Range 10 - 110		Recovery = 48.00%			
20) Nitrobenzene-d5	10.70	82	2769972	55.96	ug/L	0.00
Spiked Amount 50.000	Range 34 - 114		Recovery = 111.92%			
38) 2-Fluorobiphenyl	15.46	172	3452046	49.95	ug/L	-0.02
Spiked Amount 50.000	Range 43 - 116		Recovery = 99.90%			
54) 2,4,6-Tribromophenol	19.25	330	327716	42.67	ug/L	-0.02
Spiked Amount 100.000	Range 10 - 123		Recovery = 42.67%			
68) Terphenyl-d14	25.16	244	2549978	45.76	ug/L	-0.04
Spiked Amount 50.000	Range 33 - 141		Recovery = 91.52%			
Target Compounds						Qvalue
2) Pyridine	2.87	79	1619839	39.98	ug/L	100
5) Phenol	8.52	94	3104256	47.73	ug/L #	87
6) Aniline	8.36	93	940592	16.92	ug/L	90
7) bis(2-Chloroethyl)ether	8.54	93	2751782	56.89	ug/L	91
8) 2-Chlorophenol	8.65	128	2124448	46.37	ug/L	89
9) 1,3-Dichlorobenzene	8.98	146	2276957	45.20	ug/L	96
10) 1,4-Dichlorobenzene	9.20	146	2388106	45.19	ug/L	95
11) Benzyl alcohol	9.68	108	1497354	40.03	ug/L	94
12) 1,2-Dichlorobenzene	9.59	146	2214623	45.59	ug/L	97
13) 2-Methylphenol	10.09	108	1773521	47.41	ug/L	100
14) bis(2-Chloroisopropyl)ethe	10.00	45	4364147	48.83	ug/L #	93
15) 4-Methylphenol	10.54	107	2477744	48.97	ug/L	96
16) 3-Methylphenol	10.54	107	2477744	48.97	ug/L	96
17) n-Nitroso-di-n-propylamine	10.37	70	865971	33.63	ug/L	93
18) Hexachloroethane	10.46	117	1154222	49.96	ug/L	95
21) Nitrobenzene	10.75	123	1215825	48.55	ug/L	90
22) Isophorone	11.42	82	5088695	55.98	ug/L	96
23) 2-Nitrophenol	11.60	139	1281748	49.22	ug/L #	87
24) 2,4-Dimethylphenol	11.90	122	1383637	44.85	ug/L	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 7 17:33 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) bis(2-Chloroethoxy)methane	12.06	93	2890502	52.68 ug/L	99
27) 2,4-Dichlorophenol	12.32	162	1635192	47.20 ug/L	91
28) 1,2,4-Trichlorobenzene	12.43	180	1632789	46.56 ug/L	97
29) Naphthalene	12.61	128	5966007	48.29 ug/L	99
30) 4-Chloroaniline	12.61	127	819838	16.42 ug/L	98
31) Hexachlorobutadiene	12.96	225	951769	53.52 ug/L	100
32) 4-Chloro-3-methylphenol	14.32	107	1995481	54.29 ug/L	90
33) 2-Methylnaphthalene	14.45	142	3798791	47.14 ug/L	93
35) Hexachloropentadiene	14.86	237	650946	44.80 ug/L	92
36) 2,4,6-Trichlorophenol	15.29	196	956593	49.70 ug/L	98
37) 2,4,5-Trichlorophenol	15.41	196	978453	49.08 ug/L	97
39) 2-Chloronaphthalene	15.73	162	3161452	48.19 ug/L	96
40) 2-Nitroaniline	16.12	138	1284824	46.85 ug/L	85
41) Dimethylphthalate	16.60	163	3871632	50.76 ug/L	99
42) 2,6-Dinitrotoluene	16.75	165	940140	53.38 ug/L #	56
43) Acenaphthylene	16.80	152	5104673	45.89 ug/L	98
44) 3-Nitroaniline	16.12	138	1284824	46.85 ug/L	85
45) Acenaphthene	17.25	154	3029509	47.23 ug/L	96
46) 2,4-Dinitrophenol	17.45	184	485389	54.45 ug/L #	64
47) 4-Nitrophenol	17.86	109	707079	65.90 ug/L	99
48) 2,4-Dinitrotoluene	17.78	165	1126073	49.86 ug/L	78
49) Dibenzofuran	17.71	168	4182370	45.24 ug/L	96
50) Diethylphthalate	18.41	149	4159820	51.59 ug/L	98
51) 4-Chlorophenyl phenyl ethe	18.63	204	1408832	46.74 ug/L	90
52) Fluorene	18.59	166	3441217	45.97 ug/L	99
53) 4-Nitroaniline	16.12	138	1284824	46.85 ug/L	89
56) 4,6-Dinitro-2-methylphenol	18.82	198	626108	55.68 ug/L #	73
57) n-Nitrosodiphenylamine	18.98	169	930592	21.01 ug/L	94
58) Azobenzene	19.03	77	5237580	62.43 ug/L	92
59) 4-Bromophenyl phenyl ether	19.89	248	728571	50.53 ug/L	90
61) Pentachlorophenol	20.59	266	454981	46.72 ug/L	92
62) Anthracene	21.20	178	4149598	47.02 ug/L	99
63) Phenanthrene	21.07	178	4182757	47.96 ug/L	99
64) Di-n-butylphthalate	22.60	149	6917653	53.70 ug/L #	97
65) Fluoranthene	24.13	202	3939080	46.99 ug/L	99
67) Pyrene	24.72	202	3982254	46.82 ug/L	99
69) Butylbenzylphthalate	26.44	149	3103325	55.14 ug/L	94
70) 3,3'-Dichlorobenzidine	27.81	252	838264	30.91 ug/L	95
71) bis(2-Ethylhexyl)phthalate	27.87	149	4472600	58.34 ug/L	99
72) Benzo(a)anthracene	27.81	228	3555388	47.20 ug/L	98
73) Chrysene	27.90	228	3291194	47.00 ug/L	96

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 7 17:33 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

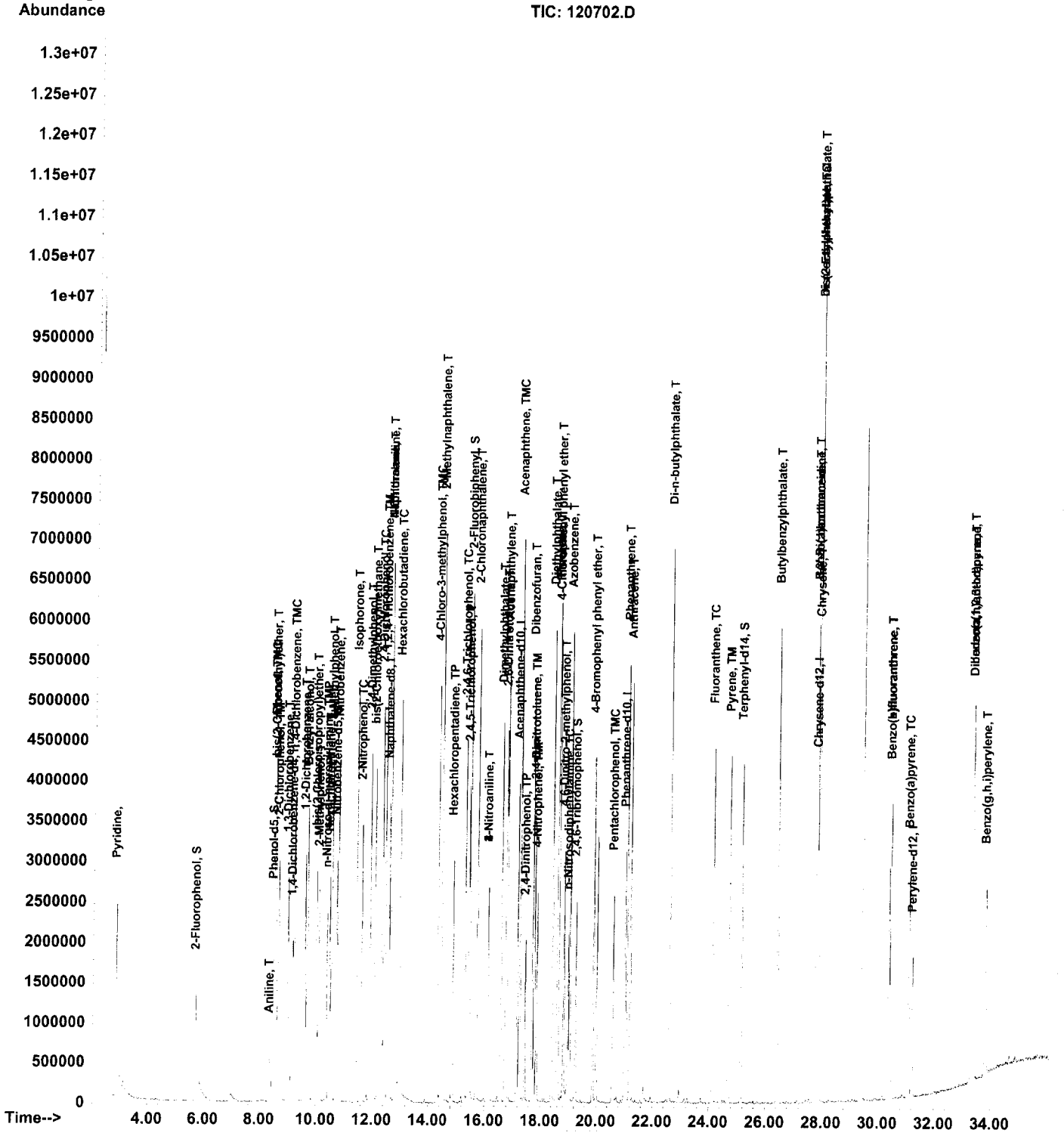
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
75) Di-n-octylphthalate	27.87	149	4472600	63.83 ug/L	100
76) Benzo(b)fluoranthrene	30.44	252	2867963	44.31 ug/L	99
77) Benzo(k)fluoranthrene	30.44	252	2868759	50.11 ug/L	97
78) Benzo(a)pyrene	31.11	252	2577514	47.70 ug/L	98
79) Indeno(1,2,3-cd)pyrene	33.35	276	2855165	47.28 ug/L	98
80) Dibenzo(a,h)anthracene	33.37	278	2343934	49.33 ug/L	97
81) Benzo(g,h,i)perylene	33.84	276	2248941	44.71 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 7 17:33 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



000204

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	360#	-0.01
2		Pyridine	0.839	0.671	20.0	282#	0.00
3	S	2-Fluorophenol	0.928	0.818	11.9	353#	0.11
4	S	Phenol-d5	1.178	1.131	4.0	386#	0.00
5	TMC	Phenol	1.346	1.285	4.5#	372#	0.00
6	T	Aniline	1.151	0.389	66.2#	131	0.05
7	T	bis(2-Chloroethyl)ether	1.001	1.139	-13.8	441#	0.00
8	TM	2-Chlorophenol	0.948	0.880	7.2	357#	0.04
9	T	1,3-Dichlorobenzene	1.043	0.943	9.6	353#	-0.01
10	TMC	1,4-Dichlorobenzene	1.094	0.989	9.6#	358#	-0.01
11	T	Benzyl alcohol	0.774	0.620	19.9	312#	0.05
12	T	1,2-Dichlorobenzene	1.006	0.917	8.8	354#	-0.01
13	T	2-Methylphenol	0.774	0.734	5.2	370#	0.11
14	T	bis(2-Chloroisopropyl)ether	1.850	1.807	2.3	376#	-0.01
15	T	4-Methylphenol	1.047	1.026	2.0	384#	0.12
16	T	3-Methylphenol	1.047	1.026	2.0	384#	0.12
17	TMP	n-Nitroso-di-n-propylamine	0.533	0.359	32.6#	265#	0.00
18	T	Hexachloroethane	0.478	0.478	0.0	377#	-0.02
19	I	Naphthalene-d8	1.000	1.000	0.0	360#	-0.02
20	S	Nitrobenzene-d5	0.496	0.555	-11.9	432#	0.00
21	T	Nitrobenzene	0.251	0.243	3.2	384#	0.00
22	T	Isophorone	0.910	1.019	-12.0	430#	0.00
23	TC	2-Nitrophenol	0.261	0.257	1.5#	388#	-0.01
24	T	2,4-Dimethylphenol	0.309	0.277	10.4	344#	0.08
25	T	bis(2-Chloroethoxy)methane	0.549	0.579	-5.5	382#	0.00
26	T	Benzoic acid	0.272	0.000	100.0#	0#	-0.11
27	TC	2,4-Dichlorophenol	0.347	0.327	5.8#	362#	0.05
28	TM	1,2,4-Trichlorobenzene	0.351	0.327	6.8	353#	-0.02
29	T	Naphthalene	1.237	1.195	3.4	366#	-0.02
30	T	4-Chloroaniline	0.500	0.164	67.2#	126	0.00
31	TC	Hexachlorobutadiene	0.178	0.191	-7.3#	417#	-0.04
32	TMC	4-Chloro-3-methylphenol	0.368	0.400	-8.7#	424#	0.09
33	T	2-Methylnaphthalene	0.807	0.761	5.7	364#	-0.02
34	I	Acenaphthene-d10	1.000	1.000	0.0	340#	-0.02
35	TP	Hexachloropentadiene	0.295	0.264	10.5	321#	-0.04
36	TC	2,4,6-Trichlorophenol	0.390	0.388	0.5#	380#	0.00
37	T	2,4,5-Trichlorophenol	0.404	0.397	1.7	367#	0.04
38	S	2-Fluorobiphenyl	1.401	1.400	0.1	364#	-0.02
39	T	2-Chloronaphthalene	1.330	1.282	3.6	355#	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	T	2-Nitroaniline	0.556	0.521	6.3	344#	0.02
41	T	Dimethylphthalate	1.546	1.570	-1.6	359#	0.00
42	T	2,6-Dinitrotoluene	0.357	0.381	-6.7	396#	0.00
43	T	Acenaphthylene	2.255	2.070	8.2	329#	-0.02
44	T	3-Nitroaniline	0.556	0.521	6.3	344#	0.02
45	TMC	Acenaphthene	1.300	1.228	5.5#	339#	-0.04
46	TP	2,4-Dinitrophenol	0.181	0.197	-8.8	430#	0.00
47	TMP	4-Nitrophenol	0.218	0.287	-31.7#	484#	0.00
48	TM	2,4-Dinitrotoluene	0.458	0.457	0.2	357#	-0.01
49	T	Dibenzofuran	1.874	1.696	9.5	322#	-0.02
50	T	Diethylphthalate	1.635	1.687	-3.2	360#	-0.01
51	T	4-Chlorophenyl phenyl ether	0.611	0.571	6.5	342#	-0.04
52	T	Fluorene	1.518	1.395	8.1	337#	-0.02
53	T	4-Nitroaniline	0.556	0.521	6.3	344#	0.02
54	S	2,4,6-Tribromophenol	0.156	0.133	14.7	304#	-0.02
55	I	Phenanthrene-d10	1.000	1.000	0.0	302#	-0.04
56	T	4,6-Dinitro-2-methylphenol	0.186	0.208	-11.8	391#	-0.01
57	TC	n-Nitrosodiphenylamine	0.734	0.309	57.9#	134	-0.01
58	T	Azobenzene	1.391	1.737	-24.9	394#	-0.04
59	T	4-Bromophenyl phenyl ether	0.239	0.242	-1.3	325#	-0.02
60	T	Hexachlorobenzene	0.253	0.001	99.6#	1#	0.11
61	TMC	Pentachlorophenol	0.161	0.151	6.2#	319#	0.00
62	T	Anthracene	1.463	1.376	5.9	310#	-0.04
63	T	Phenanthrene	1.446	1.387	4.1	305#	-0.02
64	T	Di-n-butylphthalate	2.136	2.294	-7.4	343#	-0.05
65	TC	Fluoranthene	1.390	1.306	6.0#	306#	-0.05
66	I	Chrysene-d12	1.000	1.000	0.0	292#	-0.05
67	TM	Pyrene	1.779	1.666	6.4	300#	-0.04
68	S	Terphenyl-d14	1.165	1.067	8.4	293#	-0.04
69	T	Butylbenzylphthalate	1.177	1.298	-10.3	355#	-0.05
70	T	3,3'-Dichlorobenzidine	0.567	0.351	38.1#	206#	-0.04
71	T	bis(2-Ethylhexyl)phthalate	1.603	1.871	-16.7	363#	-0.06
72	T	Benzo(a)anthracene	1.575	1.487	5.6	300#	-0.04
73	T	Chrysene	1.464	1.377	5.9	302#	-0.05
74	I	Perylene-d12	1.000	1.000	0.0	273#	-0.06
75	TC	Di-n-octylphthalate	2.362	3.015	-27.6#	363#	-0.06
76	T	Benzo(b)fluoranthrene	2.181	1.933	11.4	254#	0.00
77	T	Benzo(k)fluoranthrene	1.929	1.934	-0.3	288#	-0.06

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

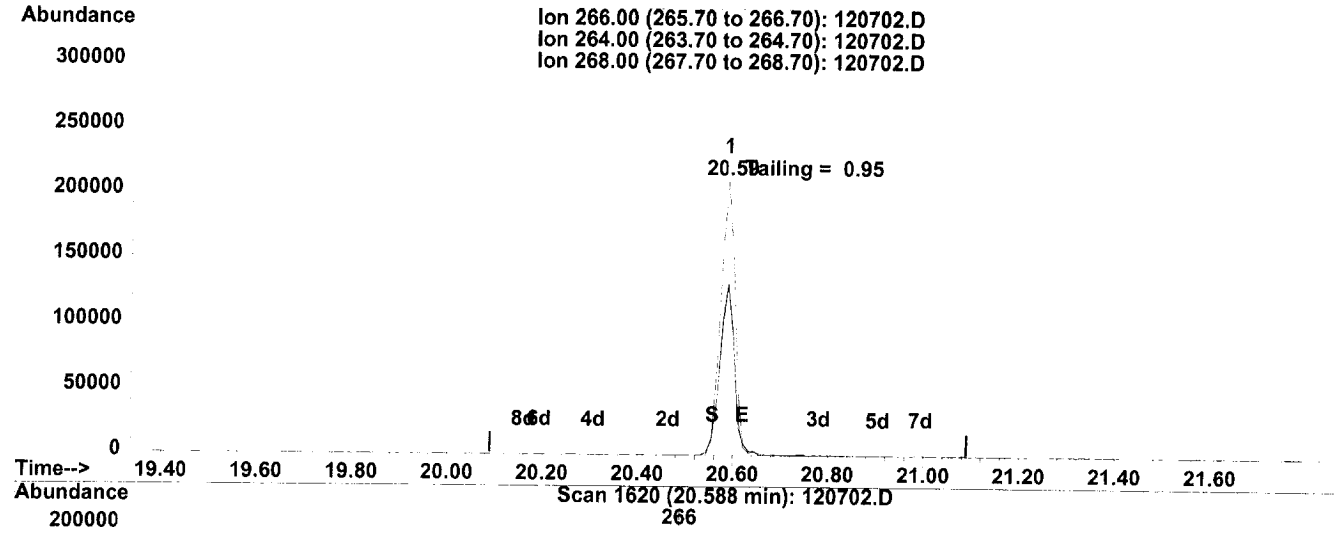
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
78	TC	Benzo(a)pyrene	1.821	1.737	4.6#	275#	-0.06
79	T	Indeno(1,2,3-cd)pyrene	2.035	1.925	5.4	281#	-0.06
80	T	Dibenzo(a,h)anthracene	1.601	1.580	1.3	292#	-0.07
81	T	Benzo(g,h,i)perylene	1.695	1.516	10.6	263#	-0.06

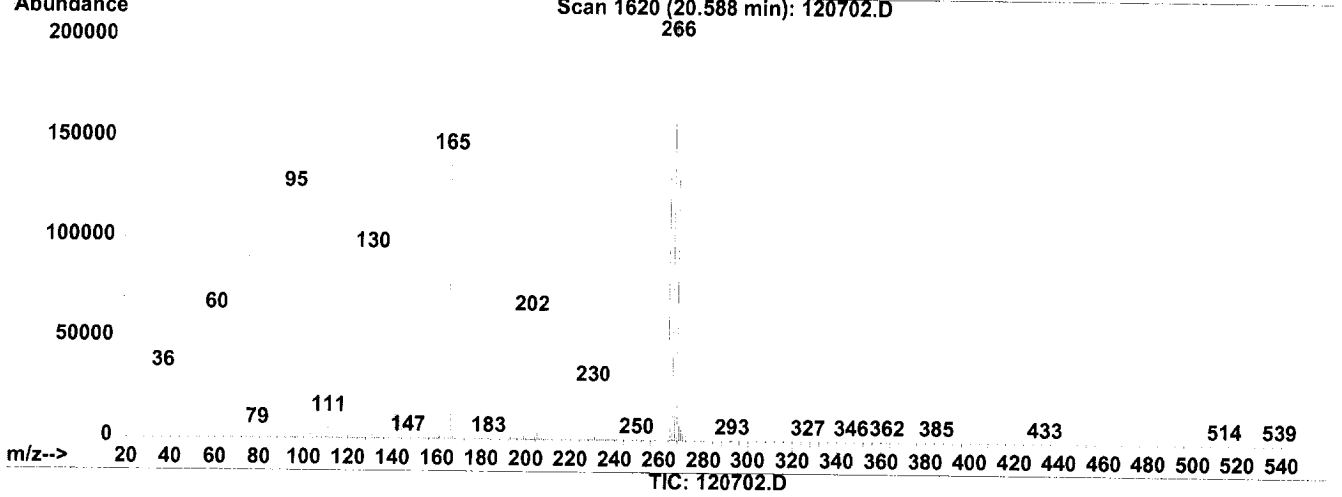
(#) = Out of Range SPCC's out = 0 CCC's out = 13

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
Quant Time: Dec 7 17:33 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Multiple Level Calibration





(61) Pentachlorophenol (TMC)

20.59min 46.72ug/L

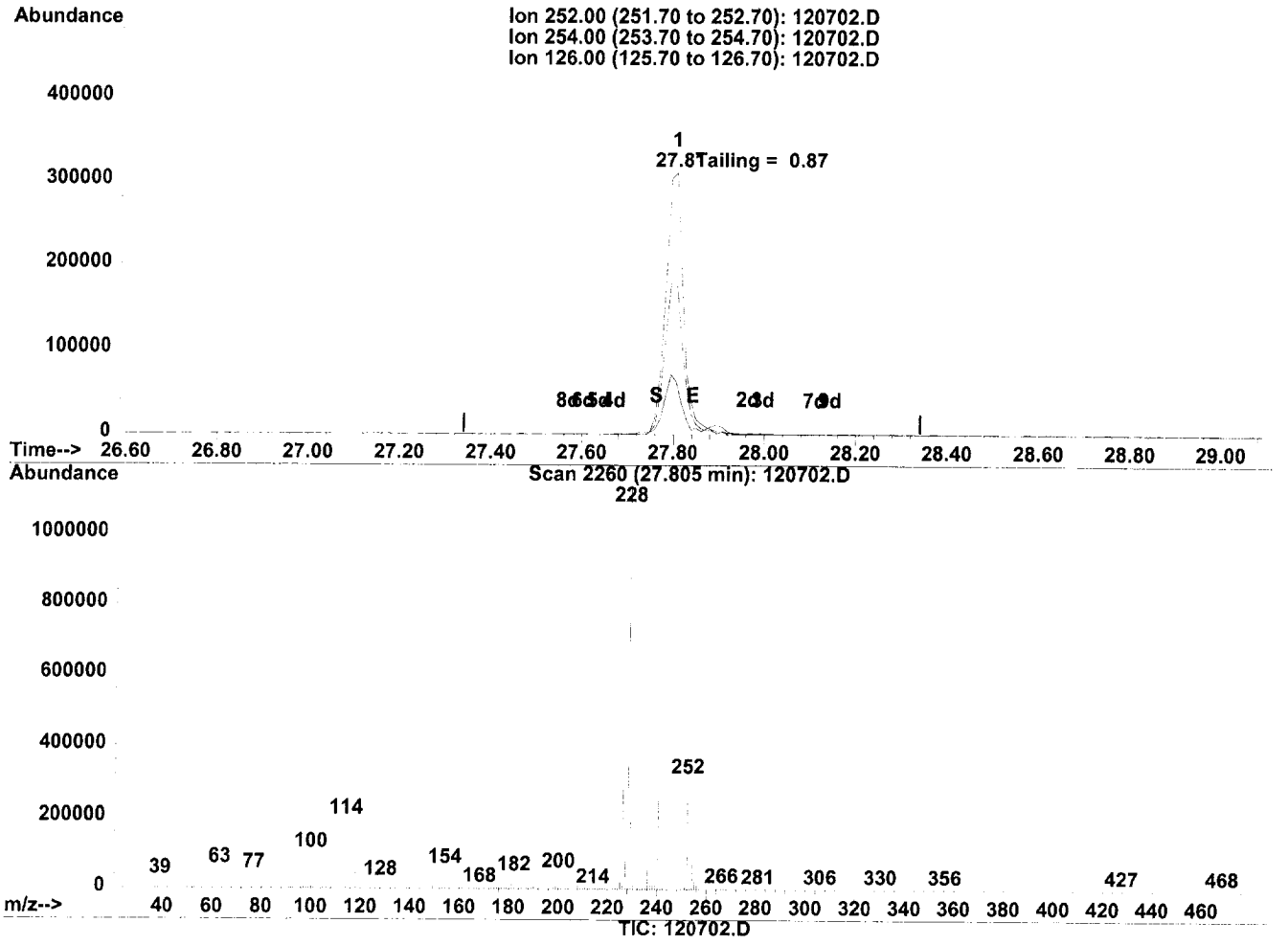
response 454981

Ion	Exp%	Act%
266.00	100	100
264.00	62.70	63.49
268.00	73.40	62.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120702.D Vial: 3
Acq On : 7 Dec 2002 4:33 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
Quant Time: Dec 7 17:33 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Multiple Level Calibration



(70) 3,3'-Dichlorobenzidine (T)

27.81min 30.91ug/L

response 838264

Ion	Exp%	Act%
252.00	100	100
254.00	66.20	62.13
126.00	21.30	22.67
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120711.D Vial: 15
Acq On : 7 Dec 2002 11:02 pm Operator: dp
Sample : MB 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:52 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.13	150	1075244	40.00	ug/L	-0.04
19) Naphthalene-d8	12.55	136	2504485	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.15	164	1208152	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.98	188	1518771	40.00	ug/L	-0.06
66) Chrysene-d12	27.80	240	994450	40.00	ug/L	-0.07
74) Perylene-d12	31.21	264	699986	40.00	ug/L	-0.08
System Monitoring Compounds						
3) 2-Fluorophenol	5.68	112	1332204	53.41	ug/L	0.07
Spiked Amount 100.000	Range 25 - 121		Recovery = 53.41%			
4) Phenol-d5	8.42	99	2069933	65.39	ug/L	-0.06
Spiked Amount 100.000	Range 24 - 113		Recovery = 65.39%			
20) Nitrobenzene-d5	10.69	82	1054048	33.97	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 67.94%			
38) 2-Fluorobiphenyl	15.44	172	1244880	29.42	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 58.84%			
54) 2,4,6-Tribromophenol	19.22	330	195668	41.60	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 41.60%			
68) Terphenyl-d14	25.13	244	1117931	38.59	ug/L	-0.06
Spiked Amount 50.000	Range 18 - 137		Recovery = 77.18%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

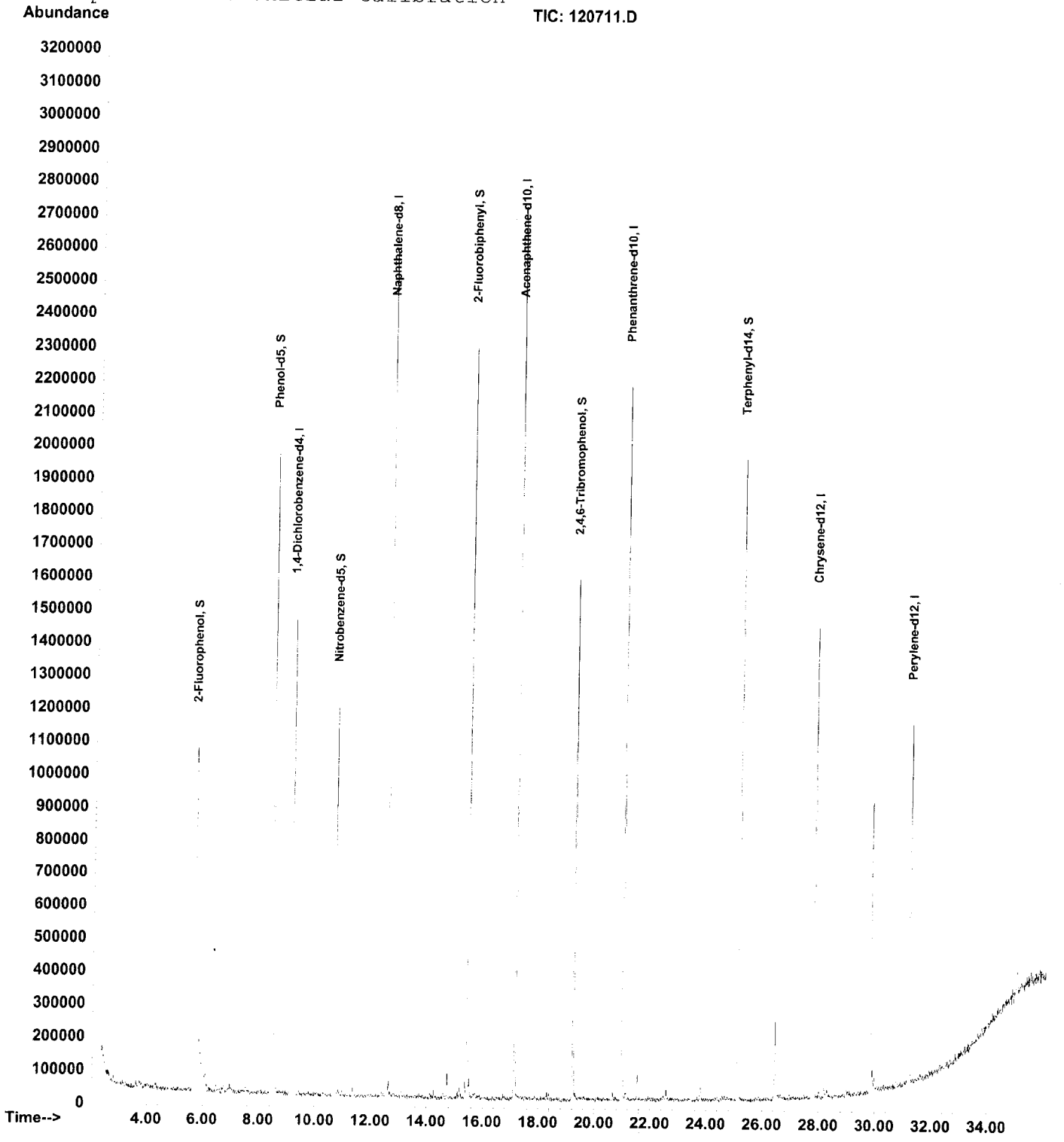
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120711.D
Acq On : 7 Dec 2002 11:02 pm
Sample : MB 120402
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Dec 8 20:52 19102

Vial: 15
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120712.D Vial: 16
Acq On : 7 Dec 2002 11:45 pm Operator: dp
Sample : LCS 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:53 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.14	150	1062110	40.00	ug/L	-0.03
19) Naphthalene-d8	12.55	136	2289362	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.16	164	1091574	40.00	ug/L	-0.04
55) Phenanthrene-d10	20.99	188	1443300	40.00	ug/L	-0.05
66) Chrysene-d12	27.81	240	1145919m	40.00	ug/L	-0.06
74) Perylene-d12	31.22	264	757320	40.00	ug/L	-0.07
System Monitoring Compounds						
3) 2-Fluorophenol	5.69	112	1429966	58.03	ug/L	0.08
Spiked Amount 100.000	Range 25 - 121		Recovery = 58.03%			
4) Phenol-d5	8.43	99	2285937	73.10	ug/L	-0.05
Spiked Amount 100.000	Range 24 - 113		Recovery = 73.10%			
20) Nitrobenzene-d5	10.68	82	1134777	40.00	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 80.00%			
38) 2-Fluorobiphenyl	15.44	172	1453549	38.02	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 76.04%			
54) 2,4,6-Tribromophenol	19.23	330	319933	75.29	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 75.29%			
68) Terphenyl-d14	25.14	244	1418316	42.49	ug/L	-0.05
Spiked Amount 50.000	Range 18 - 137		Recovery = 84.98%			
Target Compounds						Qvalue
5) Phenol	8.46	94	1291868	36.14	ug/L #	80
7) bis(2-Chloroethyl)ether	8.53	93	1011992	38.07	ug/L	95
8) 2-Chlorophenol	8.62	128	839161	33.32	ug/L	86
9) 1,3-Dichlorobenzene	8.97	146	827150	29.87	ug/L	94
10) 1,4-Dichlorobenzene	9.19	146	883560	30.42	ug/L	92
12) 1,2-Dichlorobenzene	9.58	146	831401	31.14	ug/L	95
13) 2-Methylphenol	10.04	108	821326	39.94	ug/L	97
14) bis(2-Chloroisopropyl)ethe	9.99	45	1855697	37.78	ug/L #	79
17) n-Nitroso-di-n-propylamine	10.35	70	361903	25.57	ug/L	88
18) Hexachloroethane	10.46	117	436224	34.35	ug/L	94
21) Nitrobenzene	10.74	123	473436	32.99	ug/L	71
22) Isophorone	11.40	82	1798288	34.52	ug/L	94
23) 2-Nitrophenol	11.59	139	440729	29.53	ug/L #	80
24) 2,4-Dimethylphenol	11.87	122	656317	37.12	ug/L	90
25) bis(2-Chloroethoxy)methane	12.05	93	1145500	36.43	ug/L	99
27) 2,4-Dichlorophenol	12.30	162	678487	34.17	ug/L	91
28) 1,2,4-Trichlorobenzene	12.42	180	674280	33.55	ug/L	97
29) Naphthalene	12.60	128	2504053	35.36	ug/L	99
30) 4-Chloroaniline	12.60	127	347568	12.14	ug/L	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120712.D Vial: 16
Acq On : 7 Dec 2002 11:45 pm Operator: dp
Sample : LCS 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:53 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

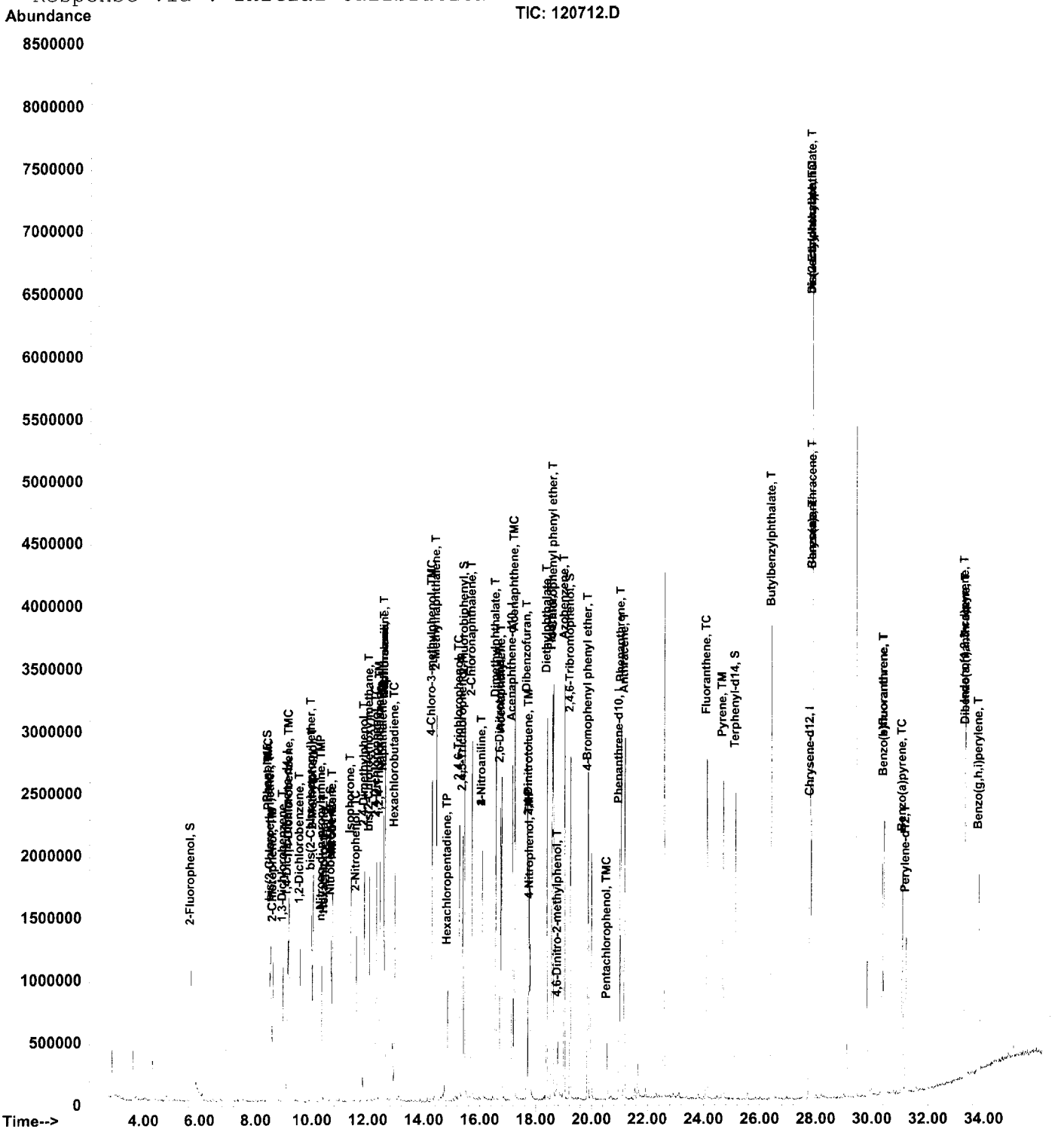
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) Hexachlorobutadiene	12.96	225	355120	34.85 ug/L	98
32) 4-Chloro-3-methylphenol	14.28	107	959545m	45.55 ug/L	
33) 2-Methylnaphthalene	14.44	142	1558747	33.75 ug/L	92
35) Hexachloropentadiene	14.86	237	200076	24.89 ug/L	94
36) 2,4,6-Trichlorophenol	15.26	196	393598	36.97 ug/L	93
37) 2,4,5-Trichlorophenol	15.39	196	451832	40.97 ug/L	99
39) 2-Chloronaphthalene	15.71	162	1505337	41.48 ug/L	94
40) 2-Nitroaniline	16.09	138	631796	41.64 ug/L	75
41) Dimethylphthalate	16.57	163	1893067	44.87 ug/L	98
42) 2,6-Dinitrotoluene	16.73	165	471517	48.40 ug/L #	67
43) Acenaphthylene	16.77	152	2160853	35.11 ug/L	99
44) 3-Nitroaniline	16.09	138	631796	41.64 ug/L	75
45) Acenaphthene	17.24	154	1417924	39.96 ug/L	94
47) 4-Nitrophenol	17.80	109	305540	51.47 ug/L	90
48) 2,4-Dinitrotoluene	17.76	165	560232	44.84 ug/L #	47
49) Dibenzofuran	17.69	168	1989621	38.91 ug/L	98
50) Diethylphthalate	18.40	149	2199054	49.30 ug/L	97
51) 4-Chlorophenyl phenyl ethe	18.61	204	708051	42.47 ug/L #	86
52) Fluorene	18.58	166	1713187	41.37 ug/L	99
53) 4-Nitroaniline	16.09	138	631796	41.64 ug/L #	85
56) 4,6-Dinitro-2-methylphenol	18.79	198	57513	8.55 ug/L #	53
58) Azobenzene	19.02	77	2725251	54.29 ug/L	89
59) 4-Bromophenyl phenyl ether	19.88	248	378232	43.85 ug/L	84
61) Pentachlorophenol	20.56	266	73118	12.55 ug/L	89
62) Anthracene	21.18	178	2194628	41.57 ug/L	99
63) Phenanthrene	21.05	178	2311848	44.31 ug/L	99
65) Fluoranthene	24.12	202	2227302	44.41 ug/L	98
67) Pyrene	24.69	202	2290947	44.95 ug/L	
69) Butylbenzylphthalate	26.43	149	1857363	55.08 ug/L	
71) bis(2-Ethylhexyl)phthalate	27.86	149	2745846	59.78 ug/L	
72) Benzo(a)anthracene	27.88	228	1997490	44.26 ug/L	
73) Chrysene	27.88	228	1998824	47.65 ug/L	
75) Di-n-octylphthalate	27.86	149	2745846	61.41 ug/L	99
76) Benzo(b)fluoranthrene	30.43	252	1681416	40.71 ug/L	99
77) Benzo(k)fluoranthrene	30.43	252	1683544	46.09 ug/L	97
78) Benzo(a)pyrene	31.10	252	1589397	46.10 ug/L	99
79) Indeno(1,2,3-cd)pyrene	33.33	276	1755066	45.55 ug/L	98
80) Dibenzo(a,h)anthracene	33.35	278	1484204	48.96 ug/L	97
81) Benzo(g,h,i)perylene	33.83	276	1405692	43.80 ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120712.D Vial: 16
Acq On : 7 Dec 2002 11:45 pm Operator: dp
Sample : LCS 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:53 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120713.D Vial: 17
Acq On : 8 Dec 2002 12:28 am Operator: dp
Sample : 102992-035 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:57 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

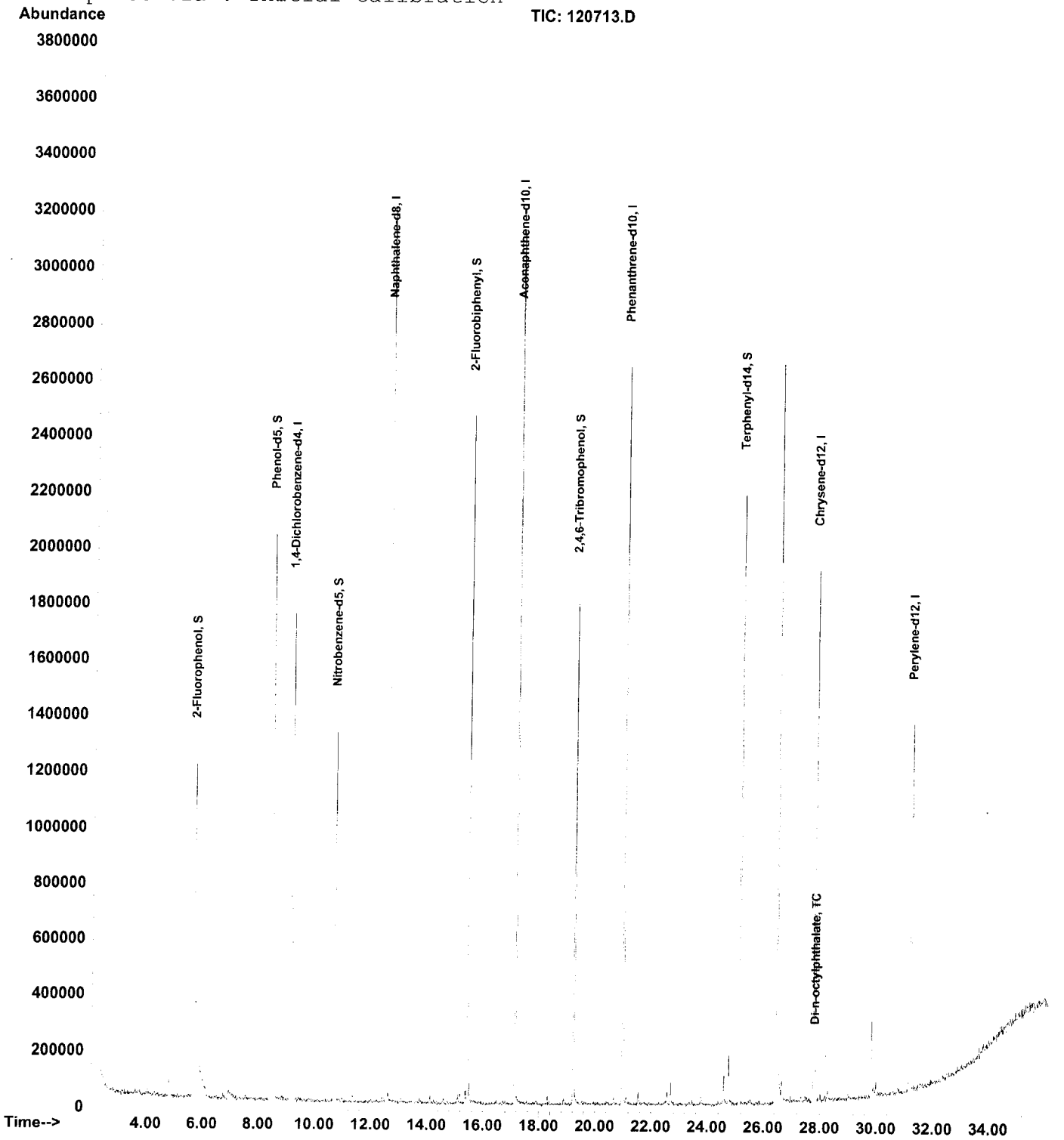
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.13	150	1226033	40.00	ug/L	-0.03
19) Naphthalene-d8	12.54	136	3001048	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.15	164	1399838	40.00	ug/L	-0.04
55) Phenanthrene-d10	20.99	188	1780613	40.00	ug/L	-0.05
66) Chrysene-d12	27.80	240	1285437	40.00	ug/L	-0.08
74) Perylene-d12	31.22	264	914394	40.00	ug/L	-0.08
System Monitoring Compounds						
3) 2-Fluorophenol	5.68	112	1480546	52.05	ug/L	0.07
Spiked Amount 100.000	Range 25 - 121		Recovery = 52.05%			
4) Phenol-d5	8.41	99	2051939	56.85	ug/L	-0.06
Spiked Amount 100.000	Range 24 - 113		Recovery = 56.85%			
20) Nitrobenzene-d5	10.68	82	1089318	29.30	ug/L	-0.02
Spiked Amount 50.000	Range 23 - 120		Recovery = 58.60%			
38) 2-Fluorobiphenyl	15.44	172	1181952	24.11	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 48.22%			
54) 2,4,6-Tribromophenol	19.23	330	231480	42.48	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 42.48%			
68) Terphenyl-d14	25.14	244	1190105	31.78	ug/L	-0.05
Spiked Amount 50.000	Range 18 - 137		Recovery = 63.56%			
Target Compounds						Qvalue
75) Di-n-octylphthalate	27.85	149	47299	0.88	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120713.D Vial: 17
Acq On : 8 Dec 2002 12:28 am Operator: dp
Sample : 102992-035 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:57 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



000216

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120713.D Vial: 17
Acq On : 8 Dec 2002 12:28 am Operator: dp
Sample : 102992-035 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:03 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.13	150	1226033	40.00	ug/L	-0.03
19) Naphthalene-d8	12.54	136	3001048	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.15	164	1399838	40.00	ug/L	-0.04
55) Phenanthrene-d10	20.99	188	1780613	40.00	ug/L	-0.05
66) Chrysene-d12	27.80	240	1285437	40.00	ug/L	-0.08
74) Perylene-d12	31.22	264	914394	40.00	ug/L	-0.08
System Monitoring Compounds						
3) 2-Fluorophenol	5.68	112	1480546	52.05	ug/L	0.07
Spiked Amount 100.000	Range 25 - 121		Recovery = 52.05%			
4) Phenol-d5	8.41	99	2051939	56.85	ug/L	-0.06
Spiked Amount 100.000	Range 24 - 113		Recovery = 56.85%			
20) Nitrobenzene-d5	10.68	82	1089318	29.30	ug/L	-0.02
Spiked Amount 50.000	Range 23 - 120		Recovery = 58.60%			
38) 2-Fluorobiphenyl	15.44	172	1181952	24.11	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 48.22%			
54) 2,4,6-Tribromophenol	19.23	330	231480	42.48	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 42.48%			
68) Terphenyl-d14	25.14	244	1190105	31.78	ug/L	-0.05
Spiked Amount 50.000	Range 18 - 137		Recovery = 63.56%			
Target Compounds						Qvalue
75) Di-n-octylphthalate	27.85	149	47299	0.88	ug/L	99

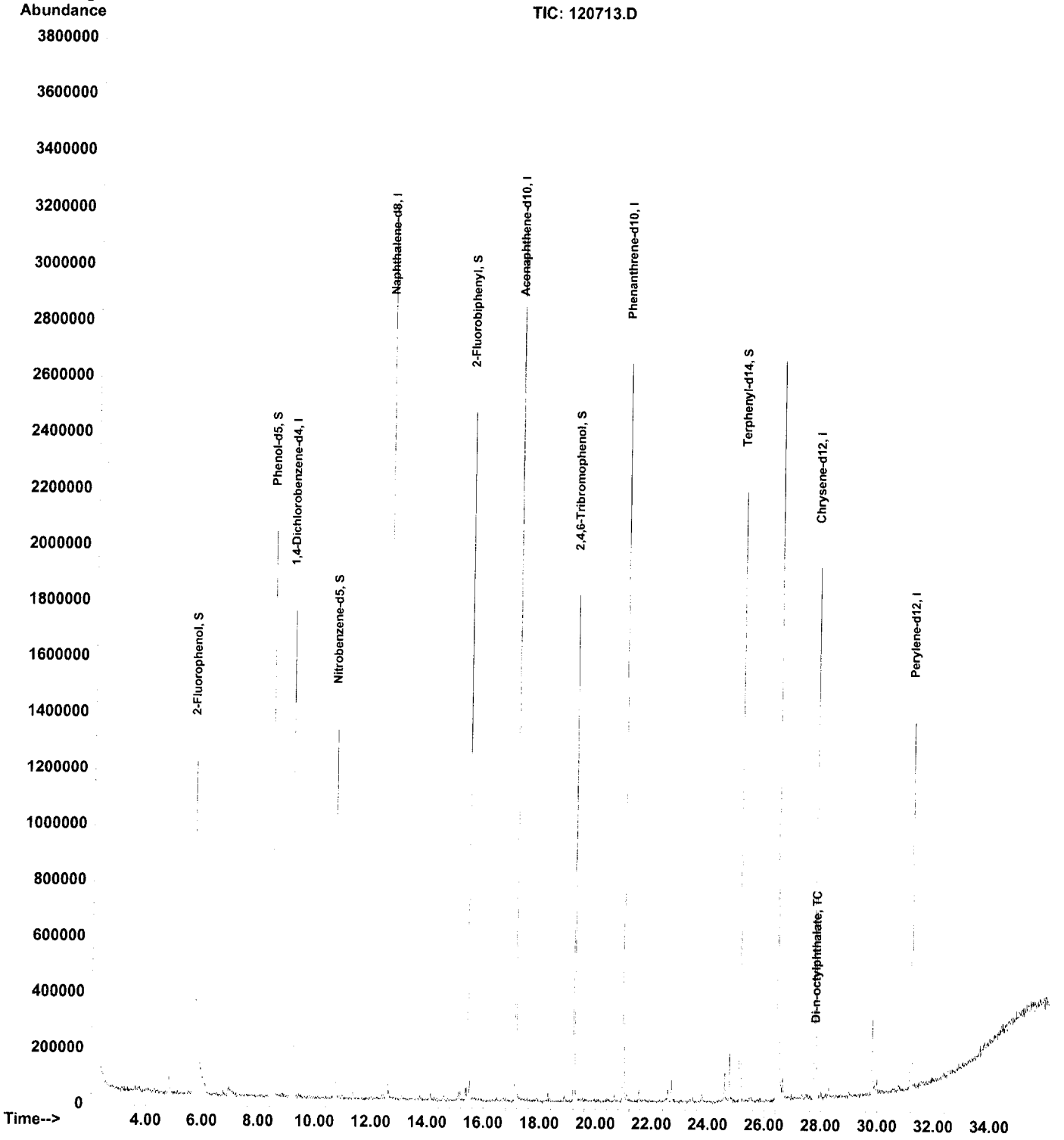
(#) = qualifier out of range (m) = manual integration

000217

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120713.D Vial: 17
Acq On : 8 Dec 2002 12:28 am Operator: dp
Sample : 102992-035 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:03 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



000218

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120714.D Vial: 18
Acq On : 8 Dec 2002 1:11 am Operator: dp
Sample : 102992-035, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:58 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.13	150	1169698	40.00	ug/L	-0.04
19) Naphthalene-d8	12.55	136	2609652	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.15	164	1229385	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.98	188	1546670	40.00	ug/L	-0.06
66) Chrysene-d12	27.80	240	1163681	40.00	ug/L	-0.07
74) Perylene-d12	31.21	264	781603	40.00	ug/L	-0.08
System Monitoring Compounds						
3) 2-Fluorophenol	5.68	112	1022533	37.68	ug/L	0.07
Spiked Amount 100.000	Range 25 - 121		Recovery = 37.68%			
4) Phenol-d5	8.42	99	1843863	53.54	ug/L	-0.06
Spiked Amount 100.000	Range 24 - 113		Recovery = 53.54%			
20) Nitrobenzene-d5	10.69	82	962554	29.77	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 59.54%			
38) 2-Fluorobiphenyl	15.45	172	1049345	24.37	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 48.74%			
54) 2,4,6-Tribromophenol	19.23	330	253628	53.00	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 53.00%			
68) Terphenyl-d14	25.13	244	1024795	30.23	ug/L	-0.06
Spiked Amount 50.000	Range 18 - 137		Recovery = 60.46%			
Target Compounds						Qvalue
5) Phenol	8.45	94	1035118	26.29	ug/L #	81
7) bis(2-Chloroethyl)ether	8.52	93	793145	27.09	ug/L	97
8) 2-Chlorophenol	8.61	128	690893	24.91	ug/L	85
9) 1,3-Dichlorobenzene	8.96	146	732019	24.01	ug/L	93
10) 1,4-Dichlorobenzene	9.19	146	783257	24.48	ug/L	93
12) 1,2-Dichlorobenzene	9.58	146	727339	24.74	ug/L	93
13) 2-Methylphenol	10.04	108	655844	28.96	ug/L	96
14) bis(2-Chloroisopropyl)ethe	9.99	45	1527924	28.24	ug/L #	79
17) n-Nitroso-di-n-propylamine	10.34	70	356014m	22.84	ug/L	
18) Hexachloroethane	10.45	117	390909	27.95	ug/L	89
21) Nitrobenzene	10.73	123	361512	22.10	ug/L	66
22) Isophorone	11.39	82	1263227	21.27	ug/L	92
23) 2-Nitrophenol	11.59	139	390757	22.97	ug/L #	76
24) 2,4-Dimethylphenol	11.86	122	476918	23.67	ug/L	89
25) bis(2-Chloroethoxy)methane	12.04	93	887164	24.75	ug/L	96
27) 2,4-Dichlorophenol	12.29	162	506253	22.37	ug/L	90
28) 1,2,4-Trichlorobenzene	12.42	180	531000	23.18	ug/L	96
29) Naphthalene	12.60	128	1999394	24.77	ug/L	99
30) 4-Chloroaniline	12.60	127	280783	8.61	ug/L	90

(#) = qualifier out of range (m) = manual integration

000219

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120714.D Vial: 18
Acq On : 8 Dec 2002 1:11 am Operator: dp
Sample : 102992-035, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:58 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

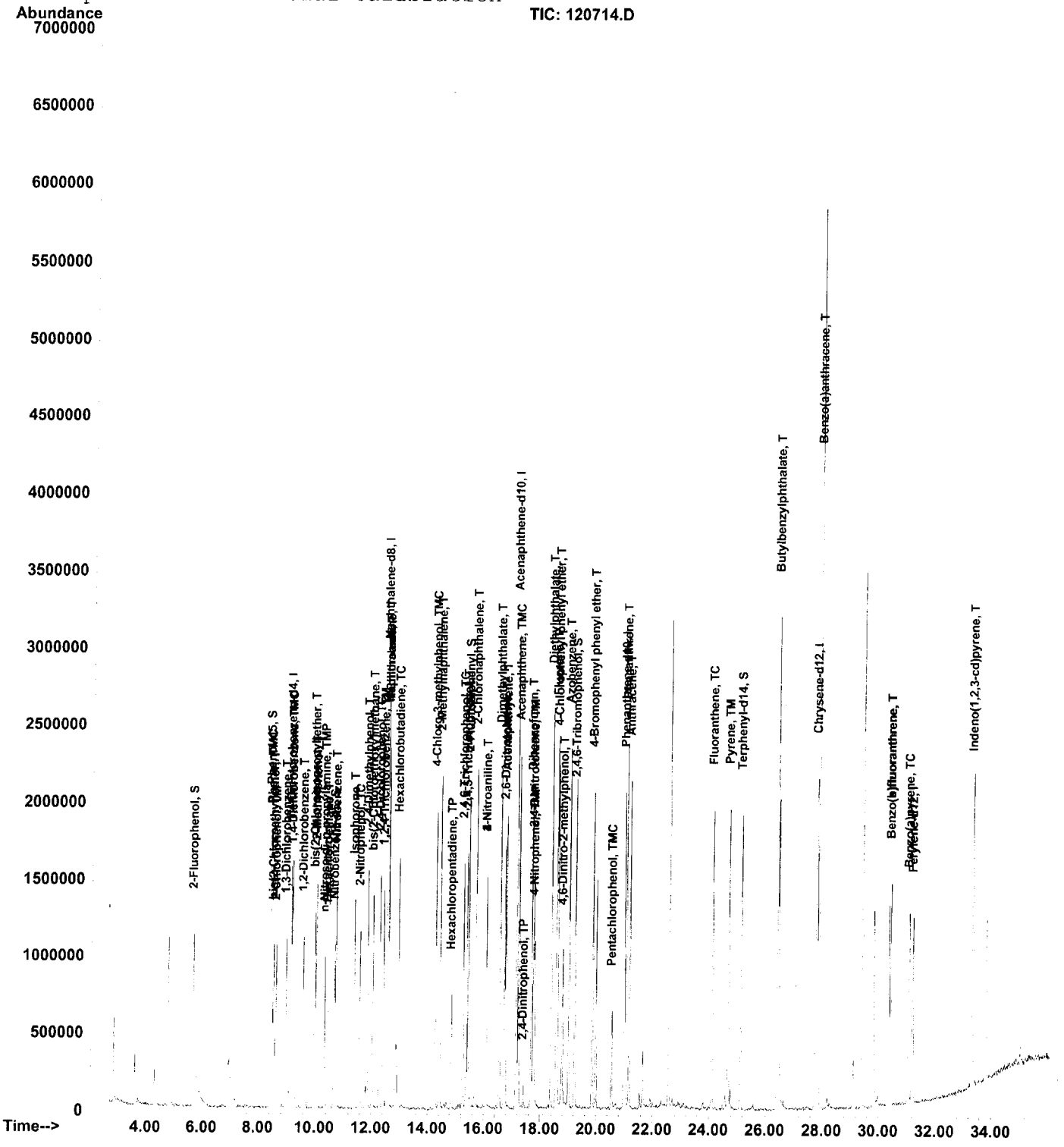
	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
31)	Hexachlorobutadiene	12.95	225	294072	25.31 ug/L		96
32)	4-Chloro-3-methylphenol	14.27	107	699344	29.13 ug/L	#	84
33)	2-Methylnaphthalene	14.44	142	1183764	22.48 ug/L		89
35)	Hexachloropentadiene	14.85	237	155468	17.17 ug/L		89
36)	2,4,6-Trichlorophenol	15.25	196	311366	25.97 ug/L		98
37)	2,4,5-Trichlorophenol	15.38	196	327905	26.40 ug/L		96
39)	2-Chloronaphthalene	15.70	162	1090589	26.68 ug/L		94
40)	2-Nitroaniline	16.08	138	474115	27.75 ug/L		70
41)	Dimethylphthalate	16.56	163	1481810	31.18 ug/L		98
42)	2,6-Dinitrotoluene	16.73	165	322144	29.36 ug/L	#	56
43)	Acenaphthylene	16.78	152	1576687	22.75 ug/L		99
44)	3-Nitroaniline	16.08	138	474115	27.75 ug/L		70
45)	Acenaphthene	17.24	154	1045437	26.16 ug/L		94
46)	2,4-Dinitrophenol	17.42	184	24507	4.41 ug/L	#	48
47)	4-Nitrophenol	17.79	109	303693	45.43 ug/L		90
48)	2,4-Dinitrotoluene	17.76	165	429917	30.56 ug/L	#	37
49)	Dibenzofuran	17.69	168	1458461	25.32 ug/L		99
50)	Diethylphthalate	18.39	149	1779630	35.42 ug/L		96
51)	4-Chlorophenyl phenyl ethe	18.61	204	501651	26.71 ug/L	#	85
52)	Fluorene	18.57	166	1251642	26.83 ug/L		99
53)	4-Nitroaniline	16.08	138	474115	27.75 ug/L	#	78
56)	4,6-Dinitro-2-methylphenol	18.79	198	188425	26.13 ug/L	#	68
58)	Azobenzene	19.01	77	2081237	38.69 ug/L		89
59)	4-Bromophenyl phenyl ether	19.87	248	274690	29.71 ug/L		83
61)	Pentachlorophenol	20.55	266	97142m	15.56 ug/L		
62)	Anthracene	21.17	178	1686379	29.81 ug/L		98
63)	Phenanthrene	21.05	178	1709419	30.57 ug/L		99
65)	Fluoranthene	24.12	202	1626470	30.26 ug/L		99
67)	Pyrene	24.69	202	1688297	32.62 ug/L		96
69)	Butylbenzylphthalate	26.42	149	1338894	39.10 ug/L		85
72)	Benzo(a)anthracene	27.87	228	1334414	29.12 ug/L		95
76)	Benzo(b)fluoranthrene	30.42	252	1145622	26.88 ug/L		98
77)	Benzo(k)fluoranthrene	30.42	252	1146605	30.41 ug/L		96
78)	Benzo(a)pyrene	31.08	252	1072416	30.14 ug/L		98
79)	Indeno(1,2,3-cd)pyrene	33.32	276	1192430	29.98 ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120714.D Vial: 18
Acq On : 8 Dec 2002 1:11 am Operator: dp
Sample : 102992-035, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:58 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120715.D Vial: 19
Acq On : 8 Dec 2002 1:54 am Operator: dp
Sample : 102992-035, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:58 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.14	150	1304754	40.00	ug/L	-0.02
19) Naphthalene-d8	12.55	136	2918632	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.15	164	1355636	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.99	188	1669444	40.00	ug/L	-0.05
66) Chrysene-d12	27.82	240	1327015	40.00	ug/L	-0.06
74) Perylene-d12	31.21	264	858126	40.00	ug/L	-0.08
System Monitoring Compounds						
3) 2-Fluorophenol	5.68	112	1254780	41.45	ug/L	0.07
Spiked Amount 100.000	Range 25 - 121		Recovery = 41.45%			
4) Phenol-d5	8.42	99	2075524	54.03	ug/L	-0.06
Spiked Amount 100.000	Range 24 - 113		Recovery = 54.03%			
20) Nitrobenzene-d5	10.69	82	1105656	30.57	ug/L	-0.01
Spiked Amount 50.000	Range 23 - 120		Recovery = 61.14%			
38) 2-Fluorobiphenyl	15.45	172	1283217	27.02	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 54.04%			
54) 2,4,6-Tribromophenol	19.23	330	289794	54.92	ug/L	-0.04
Spiked Amount 100.000	Range 17 - 122		Recovery = 54.92%			
68) Terphenyl-d14	25.13	244	1479948	38.28	ug/L	-0.06
Spiked Amount 50.000	Range 18 - 137		Recovery = 76.56%			
Target Compounds						Qvalue
5) Phenol	8.45	94	1202875	27.39	ug/L #	77
7) bis(2-Chloroethyl)ether	8.53	93	922291	28.24	ug/L	94
8) 2-Chlorophenol	8.61	128	799785	25.85	ug/L	88
9) 1,3-Dichlorobenzene	8.97	146	853148	25.08	ug/L	94
10) 1,4-Dichlorobenzene	9.19	146	846877	23.73	ug/L	93
12) 1,2-Dichlorobenzene	9.58	146	822767	25.09	ug/L	96
13) 2-Methylphenol	10.04	108	690328	27.33	ug/L	96
14) bis(2-Chloroisopropyl)ethe	9.99	45	1718105	28.47	ug/L #	83
17) n-Nitroso-di-n-propylamine	10.34	70	370868m	21.33	ug/L	
18) Hexachloroethane	10.45	117	450909	28.91	ug/L	90
21) Nitrobenzene	10.73	123	443857	24.26	ug/L	71
22) Isophorone	11.39	82	1484154	22.35	ug/L	94
23) 2-Nitrophenol	11.59	139	456853	24.01	ug/L #	79
24) 2,4-Dimethylphenol	11.86	122	327423	14.53	ug/L	89
25) bis(2-Chloroethoxy)methane	12.04	93	966680	24.11	ug/L	98
27) 2,4-Dichlorophenol	12.29	162	593929	23.46	ug/L	89
28) 1,2,4-Trichlorobenzene	12.42	180	622695	24.30	ug/L	95
29) Naphthalene	12.60	128	2256477	25.00	ug/L	98
30) 4-Chloroaniline	12.60	127	325894	8.93	ug/L	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120715.D Vial: 19
Acq On : 8 Dec 2002 1:54 am Operator: dp
Sample : 102992-035, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:58 19102 Quant Results File: 120202.RES

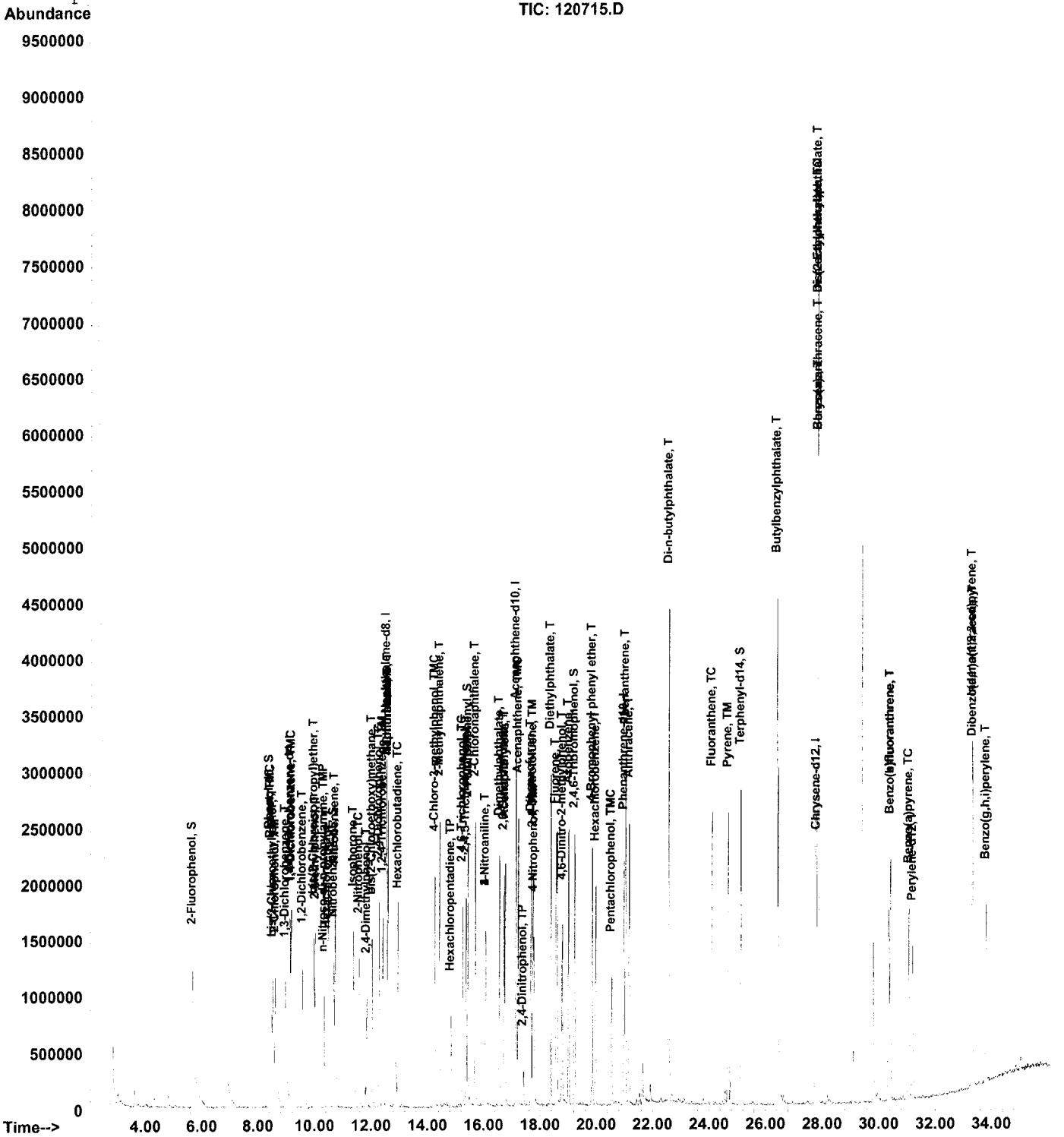
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) Hexachlorobutadiene	12.96	225	324081	24.94 ug/L	95
32) 4-Chloro-3-methylphenol	14.27	107	752019	28.00 ug/L #	83
33) 2-Methylnaphthalene	14.44	142	1335544	22.68 ug/L	92
35) Hexachloropentadiene	14.85	237	166832	16.71 ug/L	96
36) 2,4,6-Trichlorophenol	15.25	196	345198	26.11 ug/L	98
37) 2,4,5-Trichlorophenol	15.38	196	384600	28.08 ug/L	98
39) 2-Chloronaphthalene	15.70	162	1255321	27.85 ug/L	93
40) 2-Nitroaniline	16.08	138	519163	27.55 ug/L	74
41) Dimethylphthalate	16.57	163	1642324	31.34 ug/L	99
42) 2,6-Dinitrotoluene	16.73	165	377214	31.18 ug/L #	66
43) Acenaphthylene	16.78	152	1775614	23.23 ug/L	98
44) 3-Nitroaniline	16.08	138	519163	27.55 ug/L	74
45) Acenaphthene	17.24	154	1116794	25.34 ug/L	93
46) 2,4-Dinitrophenol	17.42	184	52477	8.57 ug/L #	45
47) 4-Nitrophenol	17.79	109	378060	51.28 ug/L	92
48) 2,4-Dinitrotoluene	17.76	165	531264	34.24 ug/L #	33
49) Dibenzofuran	17.69	168	1606705	25.30 ug/L	97
50) Diethylphthalate	18.39	149	2086969	37.67 ug/L	97
52) Fluorene	18.57	166	1324466	25.75 ug/L	99
53) 4-Nitroaniline	16.08	138	519163	27.55 ug/L #	84
56) 4,6-Dinitro-2-methylphenol	18.79	198	268605	34.52 ug/L #	60
58) Azobenzene	19.02	77	2215598	38.16 ug/L	90
59) 4-Bromophenyl phenyl ether	19.87	248	319572	32.03 ug/L	88
60) Hexachlorobenzene	19.99	284	364340	34.49 ug/L #	77
61) Pentachlorophenol	20.55	266	173456	25.74 ug/L	86
62) Anthracene	21.17	178	2008879	32.90 ug/L	98
63) Phenanthrene	21.05	178	2092803	34.68 ug/L	99
64) Di-n-butylphthalate	22.58	149	4166558	46.74 ug/L #	96
65) Fluoranthene	24.12	202	2218684	38.25 ug/L	98
67) Pyrene	24.69	202	2246663	38.07 ug/L	99
69) Butylbenzylphthalate	26.42	149	1894736	48.52 ug/L	85
71) bis(2-Ethylhexyl)phthalate	27.86	149	2876940	54.08 ug/L	98
72) Benzo(a)anthracene	27.87	228	2020899	38.67 ug/L	97
73) Chrysene	27.87	228	2020899	41.60 ug/L	96
75) Di-n-octylphthalate	27.86	149	2876940	56.78 ug/L	99
76) Benzo(b)fluoranthrene	30.42	252	1728797	36.94 ug/L	99
77) Benzo(k)fluoranthrene	30.42	252	1729281	41.78 ug/L	97
78) Benzo(a)pyrene	31.09	252	1508037	38.60 ug/L	99
79) Indeno(1,2,3-cd)pyrene	33.33	276	1755534	40.21 ug/L	97
80) Dibenzo(a,h)anthracene	33.34	278	1541385	44.87 ug/L	97
81) Benzo(g,h,i)perylene	33.82	276	1440445	39.61 ug/L	95

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120715.D Vial: 19
Acq On : 8 Dec 2002 1:54 am Operator: dp
Sample : 102992-035, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 20:58 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120718.D Vial: 20
Acq On : 8 Dec 2002 3:42 am Operator: dp
Sample : 102992-033 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:12 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.13	150	1188776	40.00	ug/L	-0.03
19) Naphthalene-d8	12.54	136	2830321	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.14	164	1330150	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.97	188	1650895	40.00	ug/L	-0.07
66) Chrysene-d12	27.80	240	1137855	40.00	ug/L	-0.08
74) Perylene-d12	31.20	264	774118	40.00	ug/L	-0.09
System Monitoring Compounds						
3) 2-Fluorophenol	5.67	112	1037853	37.63	ug/L	0.06
Spiked Amount 100.000	Range 25 - 121		Recovery = 37.63%			
4) Phenol-d5	8.40	99	1621608	46.33	ug/L	-0.08
Spiked Amount 100.000	Range 24 - 113		Recovery = 46.33%			
20) Nitrobenzene-d5	10.67	82	842116	24.01	ug/L	-0.03
Spiked Amount 50.000	Range 23 - 120		Recovery = 48.02%			
38) 2-Fluorobiphenyl	15.44	172	929239m	19.94	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 39.88%			
54) 2,4,6-Tribromophenol	19.22	330	210751m	40.70	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 40.70%			
68) Terphenyl-d14	25.12	244	1097443	33.11	ug/L	-0.07
Spiked Amount 50.000	Range 18 - 137		Recovery = 66.22%			
Target Compounds						Qvalue
75) Di-n-octylphthalate	27.84	149	27879	0.61	ug/L	95

(#) = qualifier out of range (m) = manual integration

000225

Quantitation Report

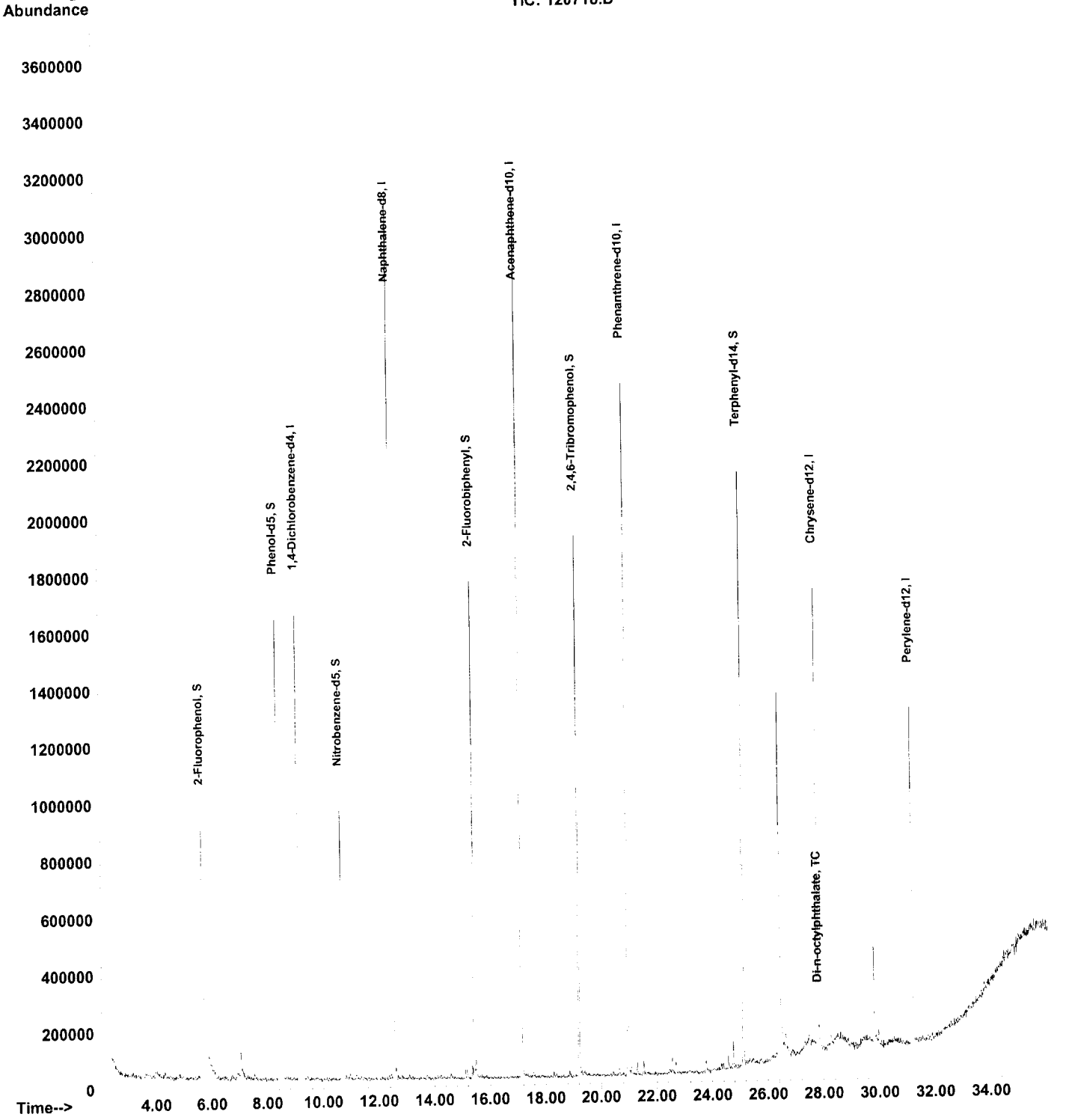
Data File : C:\HPCHEM\1\DATA\DEC02\120702\120718.D
Acq On : 8 Dec 2002 3:42 am
Sample : 102992-033
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Dec 8 21:12 19102

Vial: 20
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration

TIC: 120718.D



000226

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120719.D Vial: 21
Acq On : 8 Dec 2002 4:25 am Operator: dp
Sample : 102992-034 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:03 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.13	150	1249196	40.00	ug/L	-0.03
19) Naphthalene-d8	12.54	136	3058110	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.14	164	1420139	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.97	188	1730704	40.00	ug/L	-0.07
66) Chrysene-d12	27.80	240	1216484	40.00	ug/L	-0.08
74) Perylene-d12	31.20	264	858605	40.00	ug/L	-0.09
System Monitoring Compounds						
3) 2-Fluorophenol	5.66	112	958245	33.07	ug/L	0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 33.07%			
4) Phenol-d5	8.39	99	1618191	44.00	ug/L	-0.09
Spiked Amount 100.000	Range 24 - 113		Recovery = 44.00%			
20) Nitrobenzene-d5	10.67	82	851295	22.47	ug/L	-0.03
Spiked Amount 50.000	Range 23 - 120		Recovery = 44.94%			
38) 2-Fluorobiphenyl	15.44	172	941327	18.92	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 37.84%			
54) 2,4,6-Tribromophenol	19.22	330	219287	39.67	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 39.67%			
68) Terphenyl-d14	25.12	244	1056886	29.82	ug/L	-0.07
Spiked Amount 50.000	Range 18 - 137		Recovery = 59.64%			
Target Compounds						Qvalue
75) Di-n-octylphthalate	27.85	149	27227	0.54	ug/L	97

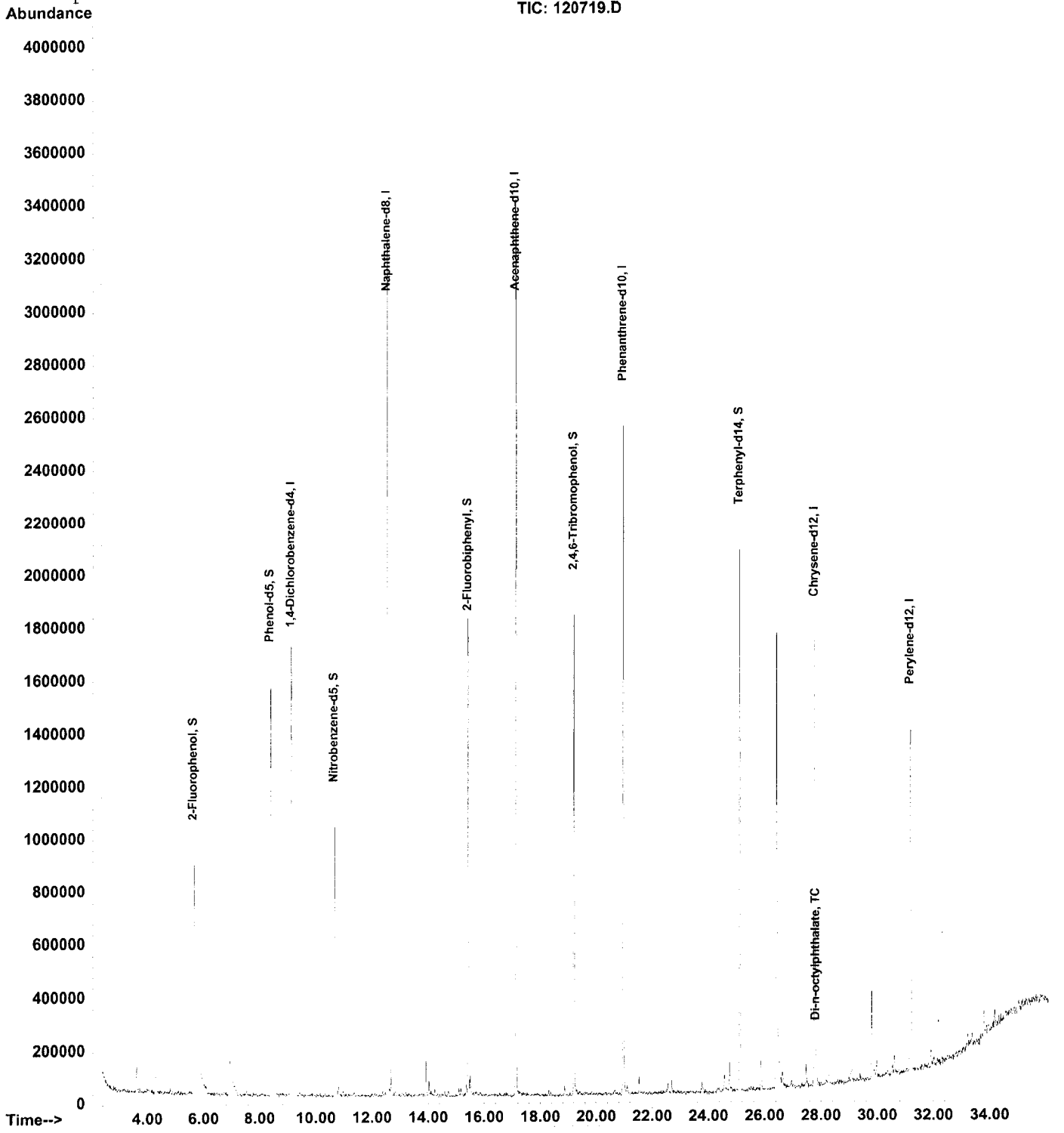
(#) = qualifier out of range (m) = manual integration
120719.D 120202.M Sun Dec 08 21:03:17 2002

000227

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120719.D Vial: 21
Acq On : 8 Dec 2002 4:25 am Operator: dp
Sample : 102992-034 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:03 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



000228

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120720.D Vial: 22
Acq On : 8 Dec 2002 5:08 am Operator: dp
Sample : 102992-036 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:12 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1132704	40.00	ug/L	-0.04
19) Naphthalene-d8	12.54	136	2774487	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.14	164	1286225	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.97	188	1609783	40.00	ug/L	-0.07
66) Chrysene-d12	27.79	240	1137826m	40.00	ug/L	-0.09
74) Perylene-d12	31.19	264	760256	40.00	ug/L	-0.10
System Monitoring Compounds						
3) 2-Fluorophenol	5.66	112	1192451	45.38	ug/L	0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 45.38%			
4) Phenol-d5	8.39	99	1731588	51.92	ug/L	-0.09
Spiked Amount 100.000	Range 24 - 113		Recovery = 51.92%			
20) Nitrobenzene-d5	10.67	82	893532	25.99	ug/L	-0.03
Spiked Amount 50.000	Range 23 - 120		Recovery = 51.98%			
38) 2-Fluorobiphenyl	15.44	172	1002926m	22.26	ug/L	-0.04
Spiked Amount 50.000	Range 30 - 115		Recovery = 44.52%			
54) 2,4,6-Tribromophenol	19.22	330	202209	40.39	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 40.39%			
68) Terphenyl-d14	25.12	244	987817	29.80	ug/L	-0.07
Spiked Amount 50.000	Range 18 - 137		Recovery = 59.60%			

Target Compounds Qvalue

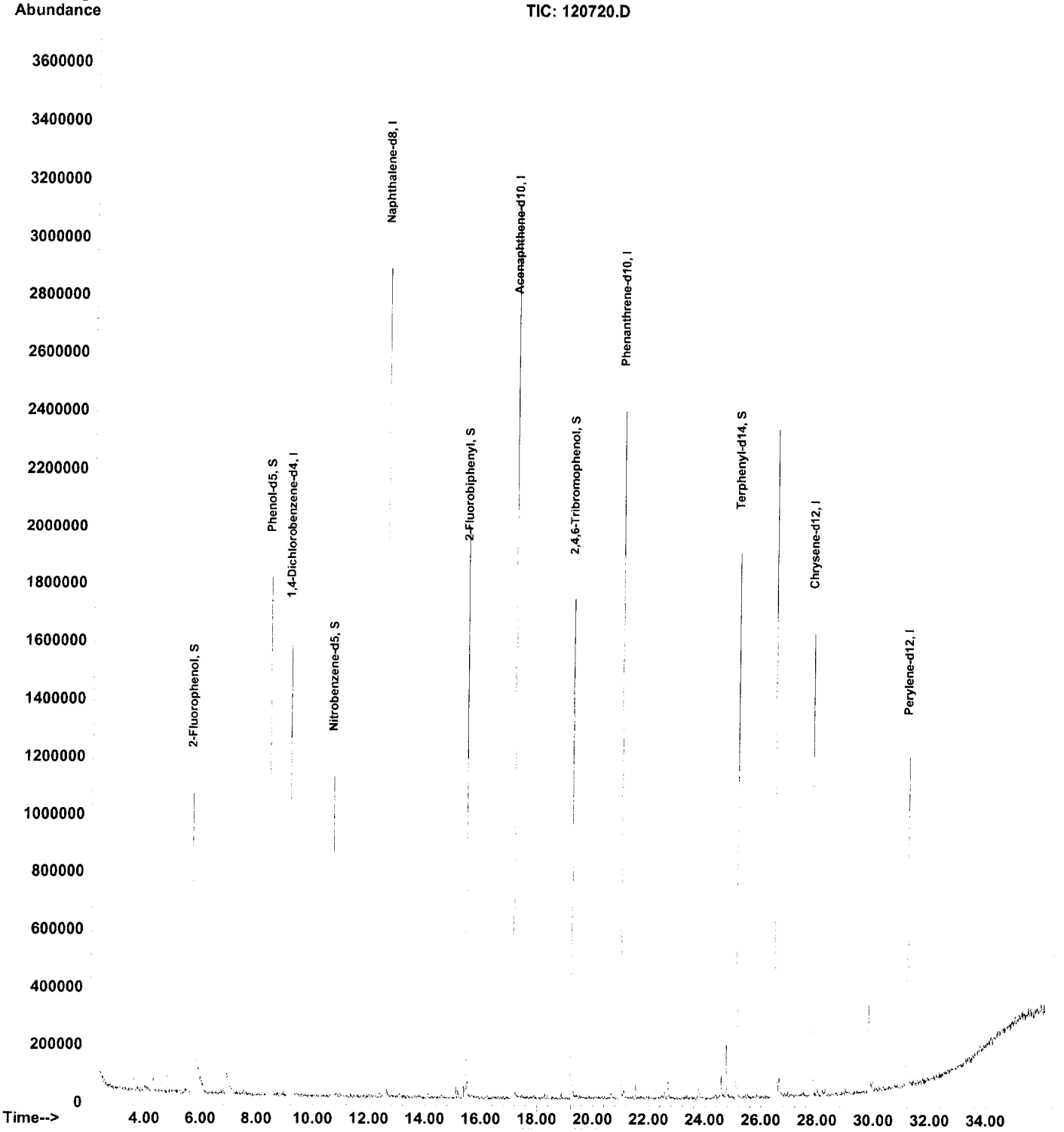
(#) = qualifier out of range (m) = manual integration

000229

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120720.D Vial: 22
Acq On : 8 Dec 2002 5:08 am Operator: dp
Sample : 102992-036 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:12 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



000230

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120721.D Vial: 23
Acq On : 8 Dec 2002 5:51 am Operator: dp
Sample : 102992-037 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:13 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	960189	40.00	ug/L	-0.04
19) Naphthalene-d8	12.53	136	2368734	40.00	ug/L	-0.05
34) Acenaphthene-d10	17.14	164	1091263	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.98	188	1396452	40.00	ug/L	-0.06
66) Chrysene-d12	27.79	240	998945	40.00	ug/L	-0.09
74) Perylene-d12	31.19	264	712140	40.00	ug/L	-0.10
System Monitoring Compounds						
3) 2-Fluorophenol	5.66	112	897088	40.27	ug/L	0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 40.27%			
4) Phenol-d5	8.39	99	1477808	52.27	ug/L	-0.09
Spiked Amount 100.000	Range 24 - 113		Recovery = 52.27%			
20) Nitrobenzene-d5	10.67	82	809432	27.58	ug/L	-0.03
Spiked Amount 50.000	Range 23 - 120		Recovery = 55.16%			
38) 2-Fluorobiphenyl	15.43	172	897808m	23.49	ug/L	-0.05
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.98%			
54) 2,4,6-Tribromophenol	19.22	330	238147	56.06	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 56.06%			
68) Terphenyl-d14	25.13	244	1106506	38.02	ug/L	-0.06
Spiked Amount 50.000	Range 18 - 137		Recovery = 76.04%			

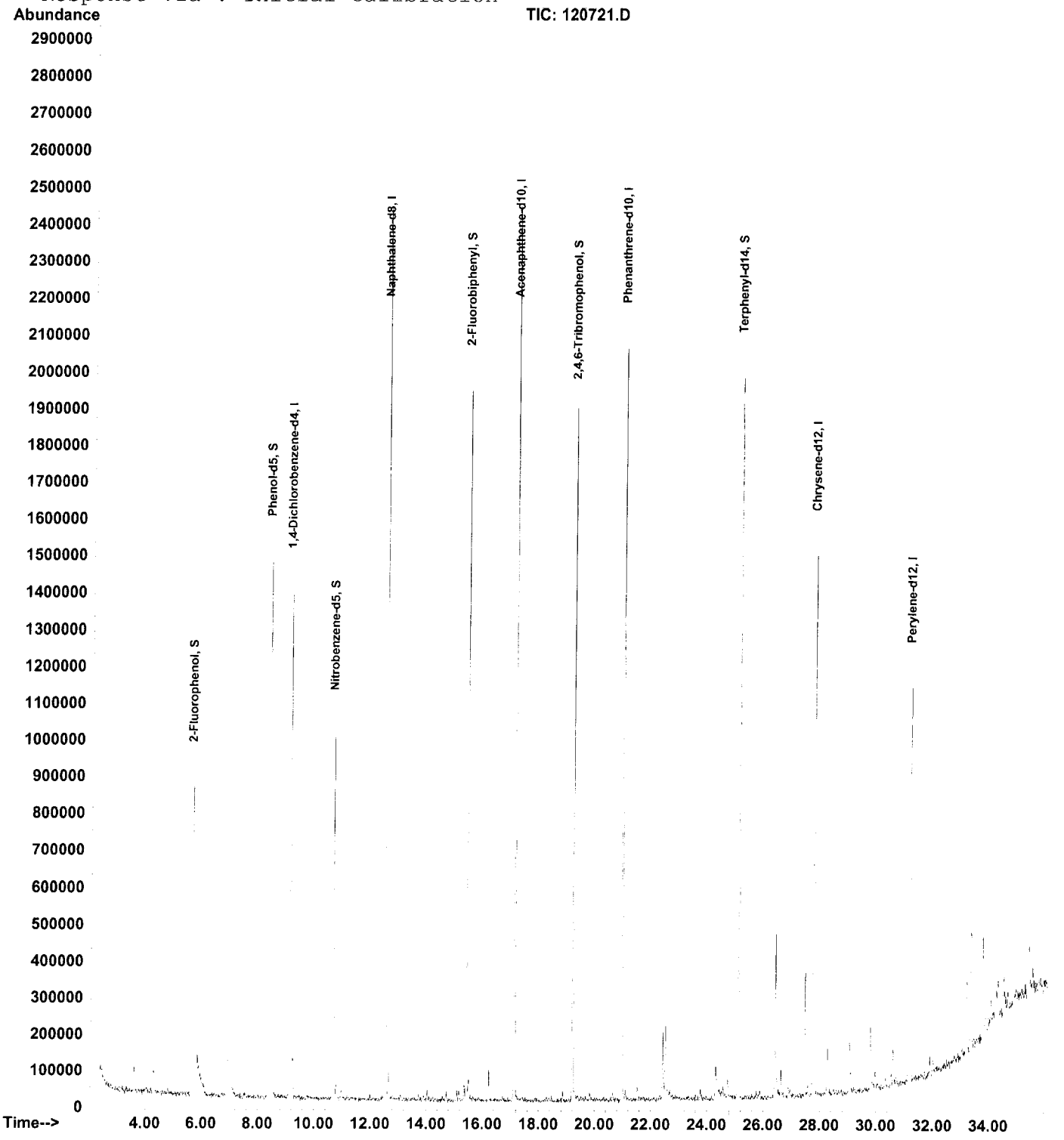
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
120721.D 120202.M Sun Dec 08 21:13:41 2002 Page 1

000231

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120721.D Vial: 23
Acq On : 8 Dec 2002 5:51 am Operator: dp
Sample : 102992-037 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:13 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



000232

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120722.D Vial: 24
Acq On : 8 Dec 2002 6:35 am Operator: dp
Sample : 102992-038 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:14 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

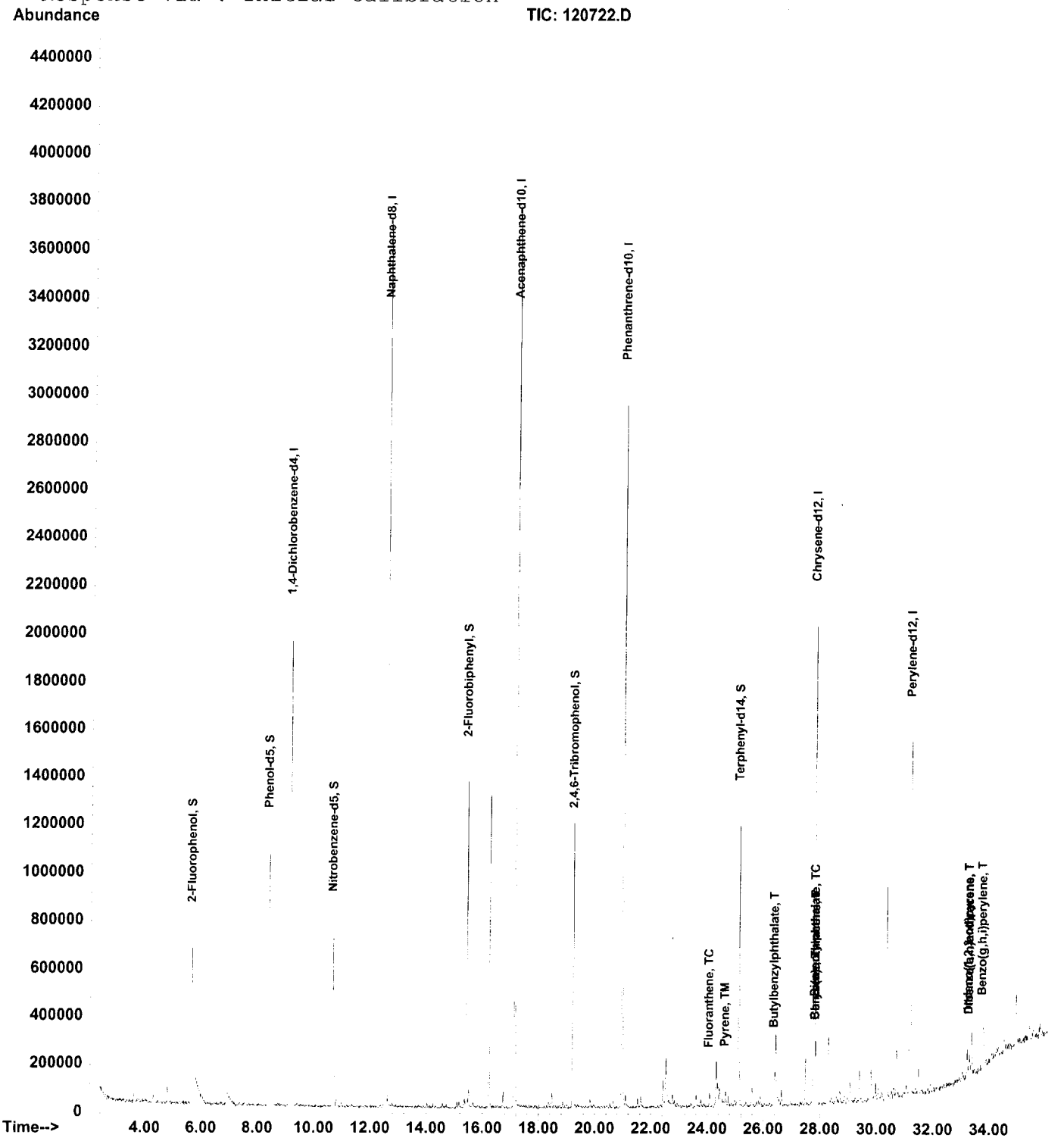
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1421296	40.00	ug/L	-0.04
19) Naphthalene-d8	12.54	136	3335183	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.14	164	1561212	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.98	188	1930777	40.00	ug/L	-0.06
66) Chrysene-d12	27.79	240	1369630	40.00	ug/L	-0.09
74) Perylene-d12	31.19	264	939072m	40.00	ug/L	-0.10
System Monitoring Compounds						
3) 2-Fluorophenol	5.66	112	794332	24.09	ug/L	0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 24.09%#			
4) Phenol-d5	8.39	99	1158262	27.68	ug/L	-0.09
Spiked Amount 100.000	Range 24 - 113		Recovery = 27.68%			
20) Nitrobenzene-d5	10.67	82	613969	14.86	ug/L	-0.03
Spiked Amount 50.000	Range 23 - 120		Recovery = 29.72%			
38) 2-Fluorobiphenyl	15.43	172	666765m	12.19	ug/L	-0.05
Spiked Amount 50.000	Range 30 - 115		Recovery = 24.38%#			
54) 2,4,6-Tribromophenol	19.22	330	128509m	21.15	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 21.15%			
68) Terphenyl-d14	25.11	244	625599	15.68	ug/L	-0.08
Spiked Amount 50.000	Range 18 - 137		Recovery = 31.36%			

Target Compounds						Qvalue
65) Fluoranthene	24.09	202	36566	0.55	ug/L	99
67) Pyrene	24.66	202	35214	0.58	ug/L	97
69) Butylbenzylphthalate	26.40	149	49766	1.23	ug/L	71
72) Benzo(a)anthracene	27.86	228	37425	0.69	ug/L	87
73) Chrysene	27.86	228	37425	0.75	ug/L	95
75) Di-n-octylphthalate	27.84	149	87102	1.57	ug/L	
79) Indeno(1,2,3-cd)pyrene	33.29	276	36663	0.77	ug/L	
80) Dibenzo(a,h)anthracene	33.31	278	31011	0.82	ug/L	
81) Benzo(g,h,i)perylene	33.78	276	31207	0.78	ug/L	

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120722.D Vial: 24
Acq On : 8 Dec 2002 6:35 am Operator: dp
Sample : 102992-038 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:14 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120723.D Vial: 25
Acq On : 8 Dec 2002 7:18 am Operator: dp
Sample : 102992-039 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:14 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

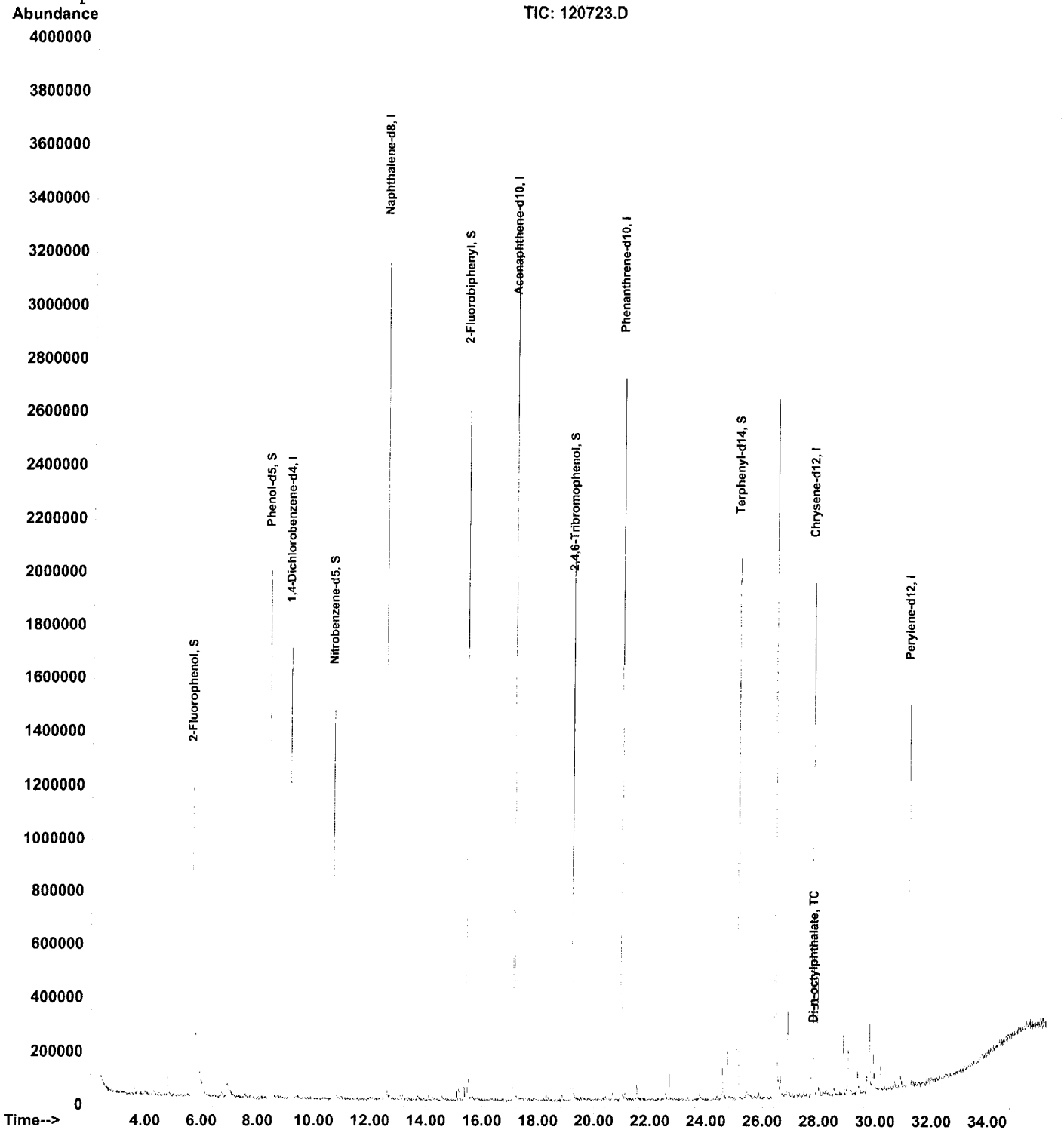
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1240411	40.00	ug/L	-0.04
19) Naphthalene-d8	12.54	136	3001367	40.00	ug/L	-0.04
34) Acenaphthene-d10	17.14	164	1411152	40.00	ug/L	-0.05
55) Phenanthrene-d10	20.97	188	1768883	40.00	ug/L	-0.07
66) Chrysene-d12	27.79	240	1258870	40.00	ug/L	-0.09
74) Perylene-d12	31.19	264	897161	40.00	ug/L	-0.10
System Monitoring Compounds						
3) 2-Fluorophenol	5.66	112	1529659	53.16	ug/L	0.05
Spiked Amount 100.000	Range 25 - 121		Recovery = 53.16%			
4) Phenol-d5	8.39	99	2160460	59.16	ug/L	-0.09
Spiked Amount 100.000	Range 24 - 113		Recovery = 59.16%			
20) Nitrobenzene-d5	10.67	82	1169927	31.46	ug/L	-0.03
Spiked Amount 50.000	Range 23 - 120		Recovery = 62.92%			
38) 2-Fluorobiphenyl	15.43	172	1273232	25.76	ug/L	-0.05
Spiked Amount 50.000	Range 30 - 115		Recovery = 51.52%			
54) 2,4,6-Tribromophenol	19.22	330	243969m	44.41	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 44.41%			
68) Terphenyl-d14	25.12	244	1127003m	30.73	ug/L	-0.07
Spiked Amount 50.000	Range 18 - 137		Recovery = 61.46%			
Target Compounds						Qvalue
75) Di-n-octylphthalate	27.84	149	48588	0.92	ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120723.D Vial: 25
Acq On : 8 Dec 2002 7:18 am Operator: dp
Sample : 102992-039 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:14 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120724.D Vial: 26
Acq On : 8 Dec 2002 8:01 am Operator: dp
Sample : 102992-040 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:15 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.13	150	1168542	40.00	ug/L	-0.04
19) Naphthalene-d8	12.53	136	2830587	40.00	ug/L	-0.05
34) Acenaphthene-d10	17.14	164	1286948	40.00	ug/L	-0.06
55) Phenanthrene-d10	20.97	188	1595735	40.00	ug/L	-0.07
66) Chrysene-d12	27.78	240	1170748	40.00	ug/L	-0.09
74) Perylene-d12	31.19	264	834781	40.00	ug/L	-0.10
System Monitoring Compounds						
3) 2-Fluorophenol	5.66	112	885660	32.67	ug/L	0.04
Spiked Amount 100.000	Range 25 - 121		Recovery = 32.67%			
4) Phenol-d5	8.37	99	1331540	38.70	ug/L	-0.10
Spiked Amount 100.000	Range 24 - 113		Recovery = 38.70%			
20) Nitrobenzene-d5	10.66	82	735610	20.97	ug/L	-0.04
Spiked Amount 50.000	Range 23 - 120		Recovery = 41.94%			
38) 2-Fluorobiphenyl	15.42	172	765807m	16.99	ug/L	-0.06
Spiked Amount 50.000	Range 30 - 115		Recovery = 33.98%			
54) 2,4,6-Tribromophenol	19.21	330	155440m	31.03	ug/L	-0.06
Spiked Amount 100.000	Range 17 - 122		Recovery = 31.03%			
68) Terphenyl-d14	25.12	244	907858	26.62	ug/L	-0.07
Spiked Amount 50.000	Range 18 - 137		Recovery = 53.24%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.84	149	38650	0.82	ug/L	91
75) Di-n-octylphthalate	27.84	149	38650	0.78	ug/L	97

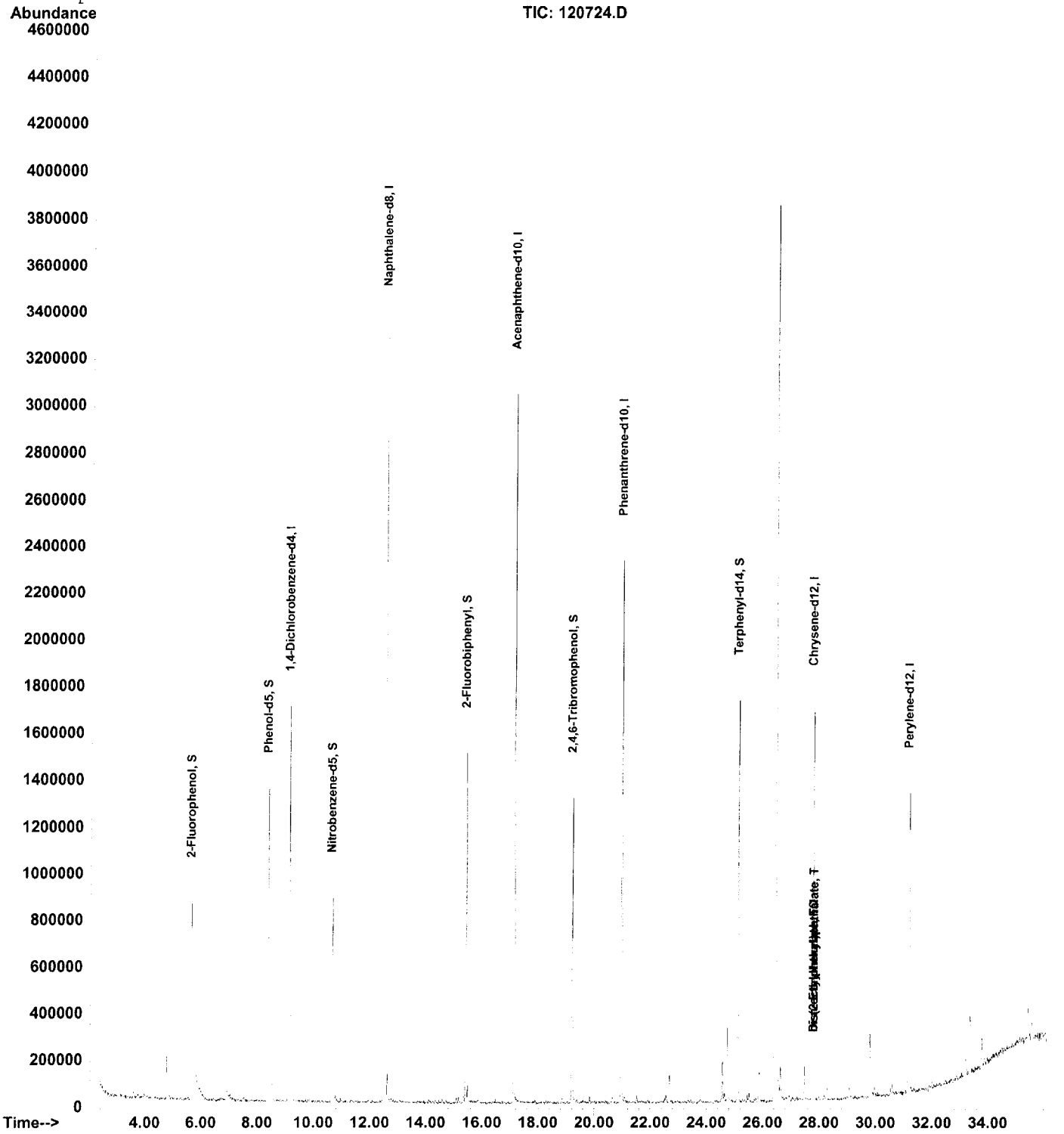
(#) = qualifier out of range (m) = manual integration

000237

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120724.D Vial: 26
Acq On : 8 Dec 2002 8:01 am Operator: dp
Sample : 102992-040 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



000238

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120725.D Vial: 27
Acq On : 8 Dec 2002 8:45 am Operator: dp
Sample : 102992-041 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:15 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1068856	40.00	ug/L	-0.05
19) Naphthalene-d8	12.52	136	2567920	40.00	ug/L	-0.06
34) Acenaphthene-d10	17.14	164	1228461	40.00	ug/L	-0.06
55) Phenanthrene-d10	21.10	188	20999	40.00	ug/L	0.05
66) Chrysene-d12	27.78	240	1167139	40.00	ug/L	-0.09
74) Perylene-d12	31.19	264	775821	40.00	ug/L	-0.10
System Monitoring Compounds						
3) 2-Fluorophenol	5.65	112	1046616	42.21	ug/L	0.03
Spiked Amount 100.000	Range 25 - 121		Recovery = 42.21%			
4) Phenol-d5	8.37	99	1640381	52.13	ug/L	-0.10
Spiked Amount 100.000	Range 24 - 113		Recovery = 52.13%			
20) Nitrobenzene-d5	10.66	82	848012	26.65	ug/L	-0.04
Spiked Amount 50.000	Range 23 - 120		Recovery = 53.30%			
38) 2-Fluorobiphenyl	15.42	172	907522	21.09	ug/L	-0.06
Spiked Amount 50.000	Range 30 - 115		Recovery = 42.18%			
54) 2,4,6-Tribromophenol	19.21	330	161010m	33.67	ug/L	-0.06
Spiked Amount 100.000	Range 17 - 122		Recovery = 33.67%			
68) Terphenyl-d14	25.11	244	1024421	30.13	ug/L	-0.08
Spiked Amount 50.000	Range 18 - 137		Recovery = 60.26%			

Target Compounds						Qvalue
56) 4,6-Dinitro-2-methylphenol	18.85	198	103	1.05	ug/L #	1
58) Azobenzene	19.04	77	1722	2.36	ug/L #	55
59) 4-Bromophenyl phenyl ether	19.98	248	145	1.16	ug/L #	1
60) Hexachlorobenzene	20.29	284	390	2.94	ug/L	83
61) Pentachlorophenol	20.81	266	108	1.27	ug/L #	1
69) Butylbenzylphthalate	26.40	149	22667	0.66	ug/L	79
71) bis(2-Ethylhexyl)phthalate	27.83	149	57094	1.22	ug/L	100
75) Di-n-octylphthalate	27.83	149	57094	1.25	ug/L	100
77) Benzo(k)fluoranthrene	30.32	252	20416	0.55	ug/L	91
80) Dibenzo(a,h)anthracene	33.30	278	16033	0.52	ug/L	91

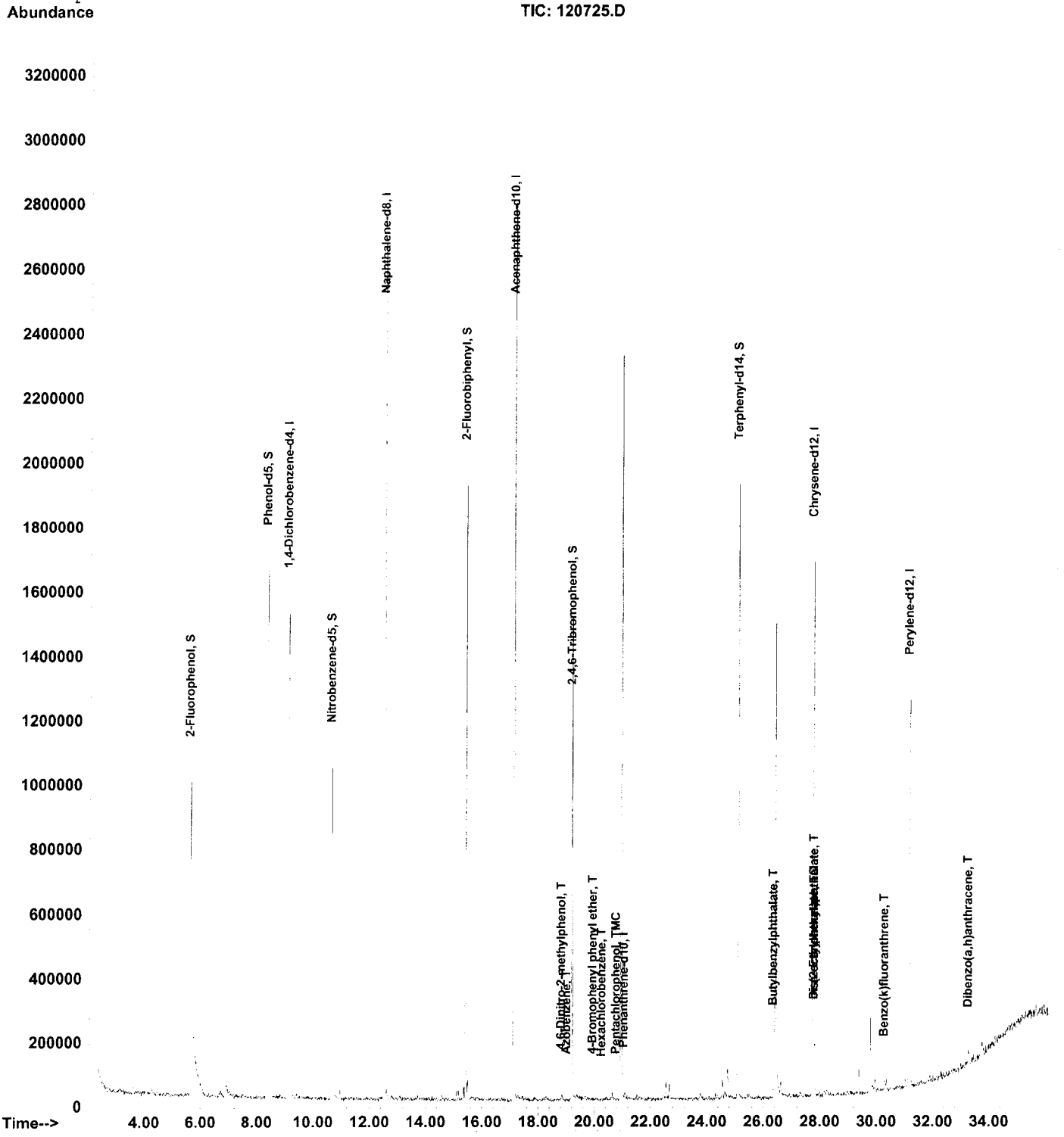
(#) = qualifier out of range (m) = manual integration

000239

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120725.D Vial: 27
Acq On : 8 Dec 2002 8:45 am Operator: dp
Sample : 102992-041 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:15 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120726.D Vial: 28
Acq On : 8 Dec 2002 9:28 am Operator: dp
Sample : 102992-042 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:16 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

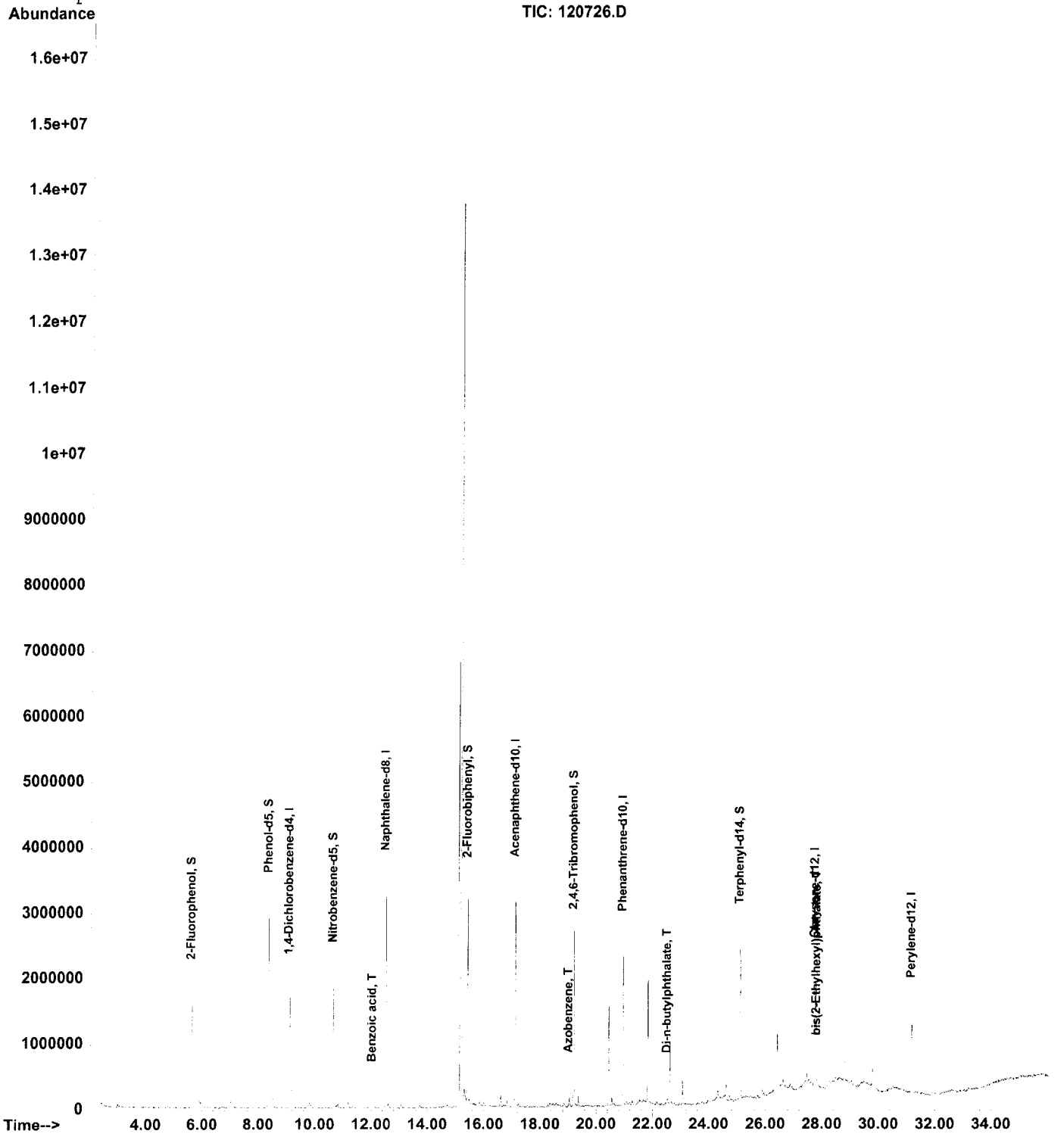
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1146883	40.00	ug/L	-0.06
19) Naphthalene-d8	12.53	136	2856144	40.00	ug/L	-0.06
34) Acenaphthene-d10	17.13	164	1363069	40.00	ug/L	-0.07
55) Phenanthrene-d10	20.96	188	1565748m	40.00	ug/L	-0.08
66) Chrysene-d12	27.78	240	1031791	40.00	ug/L	-0.09
74) Perylene-d12	31.19	264	709268	40.00	ug/L	-0.10
System Monitoring Compounds						
3) 2-Fluorophenol	5.65	112	1730878	65.05	ug/L	0.03
Spiked Amount 100.000	Range 25 - 121		Recovery = 65.05%			
4) Phenol-d5	8.38	99	2603312	77.10	ug/L	-0.10
Spiked Amount 100.000	Range 24 - 113		Recovery = 77.10%			
20) Nitrobenzene-d5	10.66	82	1464941	41.40	ug/L	-0.03
Spiked Amount 50.000	Range 23 - 120		Recovery = 82.80%			
38) 2-Fluorobiphenyl	15.43	172	1685669	35.31	ug/L	-0.05
Spiked Amount 50.000	Range 30 - 115		Recovery = 70.62%			
54) 2,4,6-Tribromophenol	19.21	330	346179m	65.24	ug/L	-0.06
Spiked Amount 100.000	Range 17 - 122		Recovery = 65.24%			
68) Terphenyl-d14	25.11	244	1243966	41.38	ug/L	-0.08
Spiked Amount 50.000	Range 18 - 137		Recovery = 82.76%			
Target Compounds						Qvalue
26) Benzoic acid	12.06	105	17451	0.90	ug/L	95
58) Azobenzene	19.04	77	76020	1.40	ug/L #	
64) Di-n-butylphthalate	22.55	149	74046	0.89	ug/L	
71) bis(2-Ethylhexyl)phthalate	27.84	149	53099m	1.28	ug/L	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120726.D Vial: 28
Acq On : 8 Dec 2002 9:28 am Operator: dp
Sample : 102992-042 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:16 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120727.D Vial: 29
Acq On : 8 Dec 2002 10:11 am Operator: dp
Sample : 102992-043 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:03 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration
DataAcq Meth : 020401

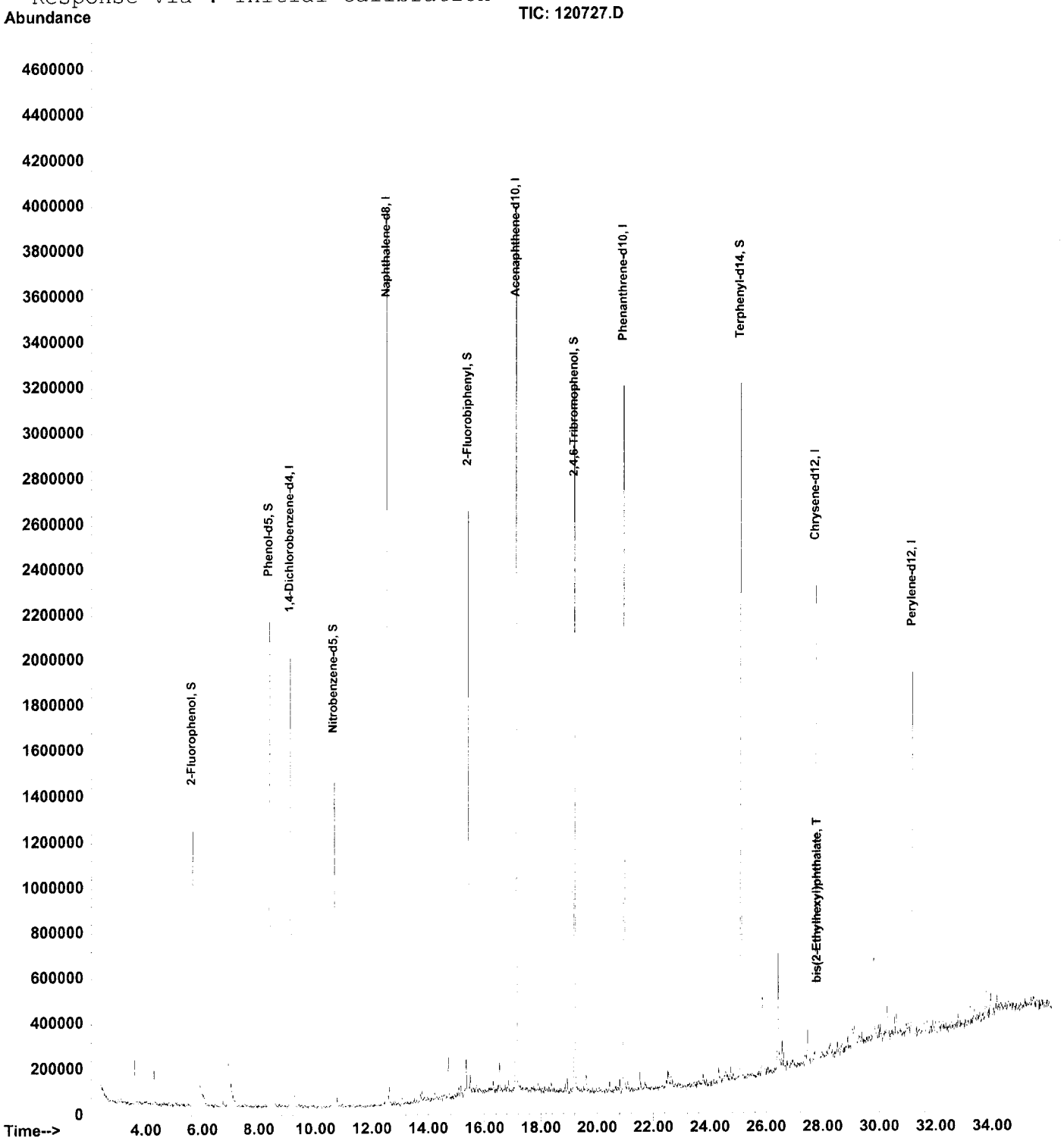
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1405383	40.00	ug/L	-0.05
19) Naphthalene-d8	12.53	136	3431073	40.00	ug/L	-0.05
34) Acenaphthene-d10	17.13	164	1649757	40.00	ug/L	-0.06
55) Phenanthrene-d10	20.96	188	2091947	40.00	ug/L	-0.08
66) Chrysene-d12	27.78	240	1478842	40.00	ug/L	-0.10
74) Perylene-d12	31.19	264	999323	40.00	ug/L	-0.10
System Monitoring Compounds						
3) 2-Fluorophenol	5.64	112	1436127	44.05	ug/L	0.03
Spiked Amount 100.000	Range 25 - 121		Recovery = 44.05%			
4) Phenol-d5	8.37	99	2236345	54.05	ug/L	-0.11
Spiked Amount 100.000	Range 24 - 113		Recovery = 54.05%			
20) Nitrobenzene-d5	10.66	82	1239041	29.15	ug/L	-0.04
Spiked Amount 50.000	Range 23 - 120		Recovery = 58.30%			
38) 2-Fluorobiphenyl	15.43	172	1371975	23.74	ug/L	-0.05
Spiked Amount 50.000	Range 30 - 115		Recovery = 47.48%			
54) 2,4,6-Tribromophenol	19.22	330	374779	58.36	ug/L	-0.05
Spiked Amount 100.000	Range 17 - 122		Recovery = 58.36%			
68) Terphenyl-d14	25.11	244	1561188	36.24	ug/L	-0.08
Spiked Amount 50.000	Range 18 - 137		Recovery = 72.48%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.83	149	58089	0.98	ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120727.D Vial: 29
Acq On : 8 Dec 2002 10:11 am Operator: dp
Sample : 102992-043 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:03 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sat Dec 07 17:32:57 2002
Response via : Initial Calibration



000244

ASSOCIATED LABORATORIES
8270 PREP SHEET

[redacted]

BATCH ID: 120402-S-8270

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SURR. ADDED	SPIKE ADDED	INITIAL WT / VOL	FINAL VOLUME	DATE EXT.	EXT. BY	COMMENT
BLANK	3550B	S	1 ml	X	30g	1 ml	12/6/02	JN	
LCS				1 ml					
MS-102992-396035				1 ml					
MSD-102992-396035				1 ml					
102992-396033									Foster Wheeler Environmental Corp
-396034									
-396035									
-396036									
-396037									
-396038									
-396039									
-396040									
-396041									
-396042									
-396043									

Solvent Manufacturer and Lot # CH2Cl2 Fisher 023421 Surrogate Lot # W-2515

Florisil Manufacturer & Lot # Spike Lot # W-2505

Sand Manufacturer & Lot # Smelser Brothers PK1365 Na2SO4 Manufacturer & Lot # Microtech Sci. 22325K

000245

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102992

CHAIN OF CUSTODY RECORD

Date 12-2-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandergrift Rd. 1266
HAFB, NM. 88330

PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2011
SAMPLERS: (Signature) Rafe Jones

PROJECT NAME FT-31

Samples Intact Yes 1 No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled 1 Frozen ___
Same Day ____ 24 Hr. ____
Regular X 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	SAMPLE TYPE AIR	SAMPLE TYPE SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX36	FT-31	12-2-02	0745			X	4		See attachment B
FT31EX37		12-2-02	0754			X	4		
FT31EX38		12-2-02	0803			X	4		
FT31EX39		12-2-02	0813			X	4		
FT31EX40		12-2-02	0820			X	4		
FT31EX40D		12-2-02	0827			X	4		
FT31EX41		12-2-02	0835			X	4		
FT31EX42		12-2-02	08:45			X	4		
FT31EX43		12-2-02	0853			X	4		
FT31EX44		12-2-02	0900			X	4		
FT31EX45		12-2-02	0900			X	4		

Relinquished by: (Signature) 12-2-02 1600	Received by: (Signature) Fed-ex	Date/Time
Relinquished by: (Signature) Fed-ex	Received by Laboratory for analysis: (Signature) Ken Hulsey	Date/Time 12-3-02 11:10

Special Instructions: Fax results to (505) 679-2011
Shipper # 835776727028

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102992
REPORTED 12/09/2002
RECEIVED 12/03/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
396033	FT31EX36
396034	FT31EX37
396035	FT31EX38
396036	FT31EX39
396037	FT31EX40
396038	FT31EX40D
396039	FT31EX41
396040	FT31EX42
396041	FT31EX43
396042	FT31EX44
396043	FT31EX45
396044	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 396033
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX36

8015 Carbon Chain I

Analyte	Result	DF	DLR	Units	Date/Analyst	
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF

8260B Volatile Organic Compounds

1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396033
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX36

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396033 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX36
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	124			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	110			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396033
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX36

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

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Order #: 396033
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX36

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	41			%	17 - 122
2-Fluorobiphenyl (sur)	40			%	30 - 115
2-Fluorophenol (sur)	38			%	25 - 121
Nitrobenzene-d5 (sur)	48			%	23 - 120
Phenol-d5 (sur)	46			%	24 - 113
Terphenyl-d14 (sur)	66			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	95			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396034
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

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Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

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Order #: 396034
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	121			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	111			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

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Order #: 396034
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396034
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 07:54
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX37

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	40			%	17 - 122
2-Fluorobiphenyl (sur)	38			%	30 - 115
2-Fluorophenol (sur)	33			%	25 - 121
Nitrobenzene-d5 (sur)	45			%	23 - 120
Phenol-d5 (sur)	44			%	24 - 113
Terphenyl-d14 (sur)	60			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	93			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX38

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX38
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX38
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	121			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	104			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX38

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396035 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX38
Date Sampled: 12/02/2002
Time Sampled: 08:03
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	42			%	17 - 122
2-Fluorobiphenyl (sur)	48			%	30 - 115
2-Fluorophenol (sur)	52			%	25 - 121
Nitrobenzene-d5 (sur)	59			%	23 - 120
Phenol-d5 (sur)	57			%	24 - 113
Terphenyl-d14 (sur)	64			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	98			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP

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Order #: 396036
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:13
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX39

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	.1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	40			%	17 - 122
2-Fluorobiphenyl (sur)	45			%	30 - 115
2-Fluorophenol (sur)	45			%	25 - 121
Nitrobenzene-d5 (sur)	52			%	23 - 120
Phenol-d5 (sur)	52			%	24 - 113
Terphenyl-d14 (sur)	60			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	101			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396037
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

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Order #: 396037
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396037 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX40
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	122			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	107			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396037
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396037
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	56			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	40			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	52			%	24 - 113
Terphenyl-d14 (sur)	76			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	57			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX40D
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/04/02	AM
Propionitrile	ND	1	5	ug/Kg	12/04/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Styrene	ND	1	5	ug/Kg	12/04/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02	AM
Toluene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130	
Dibromofluoromethane (sur)	106			%	70 - 130	
p-Bromofluorobenzene (sur)	114			%	70 - 130	
Toluene-d8 (sur)	102			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396038
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:27
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX40D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	21			%	17 - 122
2-Fluorobiphenyl (sur)	24			%	30 - 115
2-Fluorophenol (sur)	24			%	25 - 121
Nitrobenzene-d5 (sur)	30			%	23 - 120
Phenol-d5 (sur)	28			%	24 - 113
Terphenyl-d14 (sur)	31			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	85			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	117			%	70 - 130
Dibromofluoromethane (sur)	113			%	70 - 130
p-Bromofluorobenzene (sur)	107			%	70 - 130
Toluene-d8 (sur)	102			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

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Order #: 396039
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:35
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX41

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	44			%	17 - 122
2-Fluorobiphenyl (sur)	52			%	30 - 115
2-Fluorophenol (sur)	53			%	25 - 121
Nitrobenzene-d5 (sur)	63			%	23 - 120
Phenol-d5 (sur)	59			%	24 - 113
Terphenyl-d14 (sur)	61			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	97			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

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Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

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Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	113			%	70 - 130
p-Bromofluorobenzene (sur)	107			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396040
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:45
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX42

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	31			%	17 - 122
2-Fluorobiphenyl (sur)	34			%	30 - 115
2-Fluorophenol (sur)	33			%	25 - 121
Nitrobenzene-d5 (sur)	42			%	23 - 120
Phenol-d5 (sur)	39			%	24 - 113
Terphenyl-d14 (sur)	53			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	91			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX43

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX43

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX43
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	109			%	70 - 130
Dibromofluoromethane (sur)	104			%	70 - 130
p-Bromofluorobenzene (sur)	112			%	70 - 130
Toluene-d8 (sur)	108			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX43
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396041 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX43
Date Sampled: 12/02/2002
Time Sampled: 08:53
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	34			%	17 - 122
2-Fluorobiphenyl (sur)	42			%	30 - 115
2-Fluorophenol (sur)	42			%	25 - 121
Nitrobenzene-d5 (sur)	53			%	23 - 120
Phenol-d5 (sur)	52			%	24 - 113
Terphenyl-d14 (sur)	60			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/04/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	98			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX44

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396042 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX44
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	65			%	17 - 122
2-Fluorobiphenyl (sur)	71			%	30 - 115
2-Fluorophenol (sur)	65			%	25 - 121
Nitrobenzene-d5 (sur)	83			%	23 - 120
Phenol-d5 (sur)	77			%	24 - 113
Terphenyl-d14 (sur)	83			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	97			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX45

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/04/02	AF
C10 - C22	ND	1	30	mg/Kg	12/04/02	AF
C22 - C32	ND	1	50	mg/Kg	12/04/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/04/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/04/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/04/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/04/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/04/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/04/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/04/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/04/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/04/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/04/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/04/02	AM
Acetone	ND	1	5	ug/Kg	12/04/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX45

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/04/02 AM
Acrolein	ND	1	200	ug/Kg	12/04/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Benzene	ND	1	5	ug/Kg	12/04/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/04/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/04/02 AM
Bromoform	ND	1	5	ug/Kg	12/04/02 AM
Bromomethane	ND	1	5	ug/Kg	12/04/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/04/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/04/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/04/02 AM
Chloroethane	ND	1	5	ug/Kg	12/04/02 AM
Chloroform	ND	1	5	ug/Kg	12/04/02 AM
Chloromethane	ND	1	5	ug/Kg	12/04/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/04/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/04/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/04/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/04/02 AM
Iodomethane	ND	1	5	ug/Kg	12/04/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/04/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/04/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/04/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/04/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/04/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/04/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Naphthalene	ND	1	5	ug/Kg	12/04/02 AM
o-Xylene	ND	1	5	ug/Kg	12/04/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/04/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX45
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Pentachloroethane	ND	1	5	ug/Kg	12/04/02 AM
Propionitrile	ND	1	5	ug/Kg	12/04/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Styrene	ND	1	5	ug/Kg	12/04/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/04/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/04/02 AM
Toluene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/04/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/04/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/04/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/04/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/04/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/04/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/04/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	110			%	70 - 130
Dibromofluoromethane (sur)	104			%	70 - 130
p-Bromofluorobenzene (sur)	112			%	70 - 130
Toluene-d8 (sur)	105			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX45

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396043
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX45

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	58			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	44			%	25 - 121
Nitrobenzene-d5 (sur)	58			%	23 - 120
Phenol-d5 (sur)	54			%	24 - 113
Terphenyl-d14 (sur)	72			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	96			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

102995

CHAIN OF CUSTODY RECORD

Date 12-2-02 Page 1 of 1

CLIENT Foster Wheeler
ADDRESS 1641 Vandergrift Rd. 1266
HAFB, NM. 88330
PROJECT NAME FT-31
PROJECT MANAGER J. Morning
PHONE NUMBER (505) 679-2011
SAMPLERS: (Signature)

Samples Intact Yes ___ No ___
County Seals Intact Yes ___ No ___
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ___ 24 Hr. ___
Regular X 48 Hr. ___

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
FT31EX46	FT-31	12-2-02	0916			X	4		See Attachment B
FT31EX47		12-2-02	0923			X	4		
FT31EX48		12-2-02	0931			X	4		
FT31EX49		12-2-02	0939			X	4		
FT31EX50		12-2-02	0949			X	4		
FT31EX50D		12-2-02	0958			X	4		
FT31EX51		12-2-02	1007			X	4		
FT31EX52		12-2-02	1015			X	4		
FT31EX53		12-2-02	1023			X	4		
FT31EX53D		12-2-02	1030			X	4		

Relinquished by: (Signature) 12-2-02 1600 — Received by: (Signature) Fed-ex — Date/Time

Relinquished by: (Signature) Fed-ex — Received by Laboratory for analysis: (Signature) Ken Hulet — Date/Time 1130 12-3-02

Special Instructions: Fax results to (505) 672-2148
Shipper # 835776727039

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 102995
REPORTED 12/09/2002
RECEIVED 12/03/2002

PROJECT FT-31

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
396051	FT31EX46
396052	FT31EX47
396053	FT31EX48
396054	FT31EX49
396055	FT31EX50
396056	FT31EX50D
396057	FT31EX51
396058	FT31EX52
396059	FT31EX53
396060	FT31EX53D
396061	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 396051
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:16
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX46

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/05/02	AF
C10 - C22	ND	1	30	mg/Kg	12/05/02	AF
C22 - C32	ND	1	50	mg/Kg	12/05/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396051
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:16
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX46

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396051
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:16
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX46

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Styrene	ND	1	5	ug/Kg	12/05/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02 AM
Toluene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	118			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	107			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396051
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:16
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX46

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396051
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:16
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX46

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	52			%	17 - 122
2-Fluorobiphenyl (sur)	46			%	30 - 115
2-Fluorophenol (sur)	45			%	25 - 121
Nitrobenzene-d5 (sur)	56			%	23 - 120
Phenol-d5 (sur)	50			%	24 - 113
Terphenyl-d14 (sur)	70			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	75			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396052
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX47

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/05/02	AF
C10 - C22	ND	1	30	mg/Kg	12/05/02	AF
C22 - C32	ND	1	50	mg/Kg	12/05/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396052
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX47

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396052
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX47

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Styrene	ND	1	5	ug/Kg	12/05/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02 AM
Toluene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130
Dibromofluoromethane (sur)	106			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	103			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396052
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX47
Date Sampled: 12/02/2002
Time Sampled: 09:23
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396052
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX47

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	53			%	17 - 122
2-Fluorobiphenyl (sur)	53			%	30 - 115
2-Fluorophenol (sur)	50			%	25 - 121
Nitrobenzene-d5 (sur)	66			%	23 - 120
Phenol-d5 (sur)	60			%	24 - 113
Terphenyl-d14 (sur)	72			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	79			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396053
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:31
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX48

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/05/02	AF
C10 - C22	ND	1	30	mg/Kg	12/05/02	AF
C22 - C32	ND	1	50	mg/Kg	12/05/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396053
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:31
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX48

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396053
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:31
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX48

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Styrene	ND	1	5	ug/Kg	12/05/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02 AM
Toluene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130
Dibromofluoromethane (sur)	109			%	70 - 130
p-Bromofluorobenzene (sur)	109			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396053
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:31
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX48

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396053
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:31
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX48

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	31			%	17 - 122
2-Fluorobiphenyl (sur)	43			%	30 - 115
2-Fluorophenol (sur)	38			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	52			%	24 - 113
Terphenyl-d14 (sur)	53			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	85			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396054
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX49
Date Sampled: 12/02/2002
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/05/02	AF
C10 - C22	222	1	30	mg/Kg	12/05/02	AF
C22 - C32	500	1	50	mg/Kg	12/05/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	32	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	22	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396054
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:39
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX49

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	30	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	14	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396054 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX49
Date Sampled: 12/02/2002
Time Sampled: 09:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Styrene	ND	1	5	ug/Kg	12/05/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02 AM
Toluene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Xylenes, total	8.7	1	5	ug/Kg	12/05/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	120			%	70 - 130
Dibromofluoromethane (sur)	107			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	99			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396054
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:39
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX49

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP

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Order #: 396054
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:39
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX49

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	49			%	17 - 122
2-Fluorobiphenyl (sur)	47			%	30 - 115
2-Fluorophenol (sur)	33			%	25 - 121
Nitrobenzene-d5 (sur)	59			%	23 - 120
Phenol-d5 (sur)	55			%	24 - 113
Terphenyl-d14 (sur)	56			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	6.4	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	84			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396055
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX50

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/06/02	AF
C10 - C22	ND	1	30	mg/Kg	12/06/02	AF
C22 - C32	ND	1	50	mg/Kg	12/06/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396055
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX50

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396055 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX50
Date Sampled: 12/02/2002
Time Sampled: 09:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Styrene	ND	1	5	ug/Kg	12/05/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02 AM
Toluene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130
Dibromofluoromethane (sur)	106			%	70 - 130
p-Bromofluorobenzene (sur)	105			%	70 - 130
Toluene-d8 (sur)	109			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396055 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX50
Date Sampled: 12/02/2002
Time Sampled: 09:49
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396055
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:49
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX50

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	42			%	17 - 122
2-Fluorobiphenyl (sur)	45			%	30 - 115
2-Fluorophenol (sur)	42			%	25 - 121
Nitrobenzene-d5 (sur)	55			%	23 - 120
Phenol-d5 (sur)	54			%	24 - 113
Terphenyl-d14 (sur)	61			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	73			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396056
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:58
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX50D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/06/02	AF
C10 - C22	ND	1	30	mg/Kg	12/06/02	AF
C22 - C32	ND	1	50	mg/Kg	12/06/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396056
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:58
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX50D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396056 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX50D
Date Sampled: 12/02/2002
Time Sampled: 09:58
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02	AM
Styrene	ND	1	5	ug/Kg	12/05/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02	AM
Toluene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	112			%	70 - 130	
Dibromofluoromethane (sur)	105			%	70 - 130	
p-Bromofluorobenzene (sur)	110			%	70 - 130	
Toluene-d8 (sur)	107			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396056
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:58
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX50D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396056
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 09:58
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX50D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	40			%	17 - 122
2-Fluorobiphenyl (sur)	43			%	30 - 115
2-Fluorophenol (sur)	40			%	25 - 121
Nitrobenzene-d5 (sur)	57			%	23 - 120
Phenol-d5 (sur)	50			%	24 - 113
Terphenyl-d14 (sur)	65			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	79			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396057
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX51

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/06/02	AF
C10 - C22	ND	1	30	mg/Kg	12/06/02	AF
C22 - C32	ND	1	50	mg/Kg	12/06/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396057
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX51
Date Sampled: 12/02/2002
Time Sampled: 10:07
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396057
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX51

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Styrene	ND	1	5	ug/Kg	12/05/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02 AM
Toluene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	114			%	70 - 130
Dibromofluoromethane (sur)	110			%	70 - 130
p-Bromofluorobenzene (sur)	107			%	70 - 130
Toluene-d8 (sur)	104			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396057
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX51

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02	DP

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Order #: 396057
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:07
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX51

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	40			%	17 - 122
2-Fluorobiphenyl (sur)	50			%	30 - 115
2-Fluorophenol (sur)	38			%	25 - 121
Nitrobenzene-d5 (sur)	59			%	23 - 120
Phenol-d5 (sur)	55			%	24 - 113
Terphenyl-d14 (sur)	70			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	79			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396058
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX52

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/06/02	AF
C10 - C22	ND	1	30	mg/Kg	12/06/02	AF
C22 - C32	ND	1	50	mg/Kg	12/06/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4 Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

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Order #: 396058
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX52

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396058
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX52

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02	AM
Styrene	ND	1	5	ug/Kg	12/05/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02	AM
Toluene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130	
Dibromofluoromethane (sur)	106			%	70 - 130	
p-Bromofluorobenzene (sur)	107			%	70 - 130	
Toluene-d8 (sur)	100			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396058
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX52

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396058
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX52

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	40			%	17 - 122
2-Fluorobiphenyl (sur)	38			%	30 - 115
2-Fluorophenol (sur)	41			%	25 - 121
Nitrobenzene-d5 (sur)	49			%	23 - 120
Phenol-d5 (sur)	48			%	24 - 113
Terphenyl-d14 (sur)	65			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	56			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396059
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/06/02	AF
C10 - C22	ND	1	30	mg/Kg	12/06/02	AF
C22 - C32	ND	1	50	mg/Kg	12/06/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396059
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396059
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Styrene	ND	1	5	ug/Kg	12/05/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02 AM
Toluene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	119			%	70 - 130
Dibromofluoromethane (sur)	108			%	70 - 130
p-Bromofluorobenzene (sur)	102			%	70 - 130
Toluene-d8 (sur)	101			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396059
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396059
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:23
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Hexachloroethane	ND	1	333	ug/Kg	12/08/02 DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Isophorone	ND	1	333	ug/Kg	12/08/02 DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02 DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02 DP
Naphthalene	ND	1	333	ug/Kg	12/08/02 DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02 DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02 DP
Phenol	ND	1	333	ug/Kg	12/08/02 DP
Pyrene	ND	1	333	ug/Kg	12/08/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	49			%	17 - 122
2-Fluorobiphenyl (sur)	60			%	30 - 115
2-Fluorophenol (sur)	51			%	25 - 121
Nitrobenzene-d5 (sur)	68			%	23 - 120
Phenol-d5 (sur)	66			%	24 - 113
Terphenyl-d14 (sur)	79			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/05/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	63			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396060
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/06/02	AF
C10 - C22	ND	1	30	mg/Kg	12/06/02	AF
C22 - C32	ND	1	50	mg/Kg	12/06/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396060
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396060
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53D

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Styrene	ND	1	5	ug/Kg	12/05/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02 AM
Toluene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02 AM
Surrogates				**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	111			%	70 - 130
Dibromofluoromethane (sur)	105			%	70 - 130
p-Bromofluorobenzene (sur)	108			%	70 - 130
Toluene-d8 (sur)	109			%	70 - 130
8270C Acid/Base/Neutral Extractables					
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02 DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02 DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02 DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02 DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396060
Matrix: SOLID
Date Sampled: 12/02/2002
Time Sampled: 10:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: FT31EX53D

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02 DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02 DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02 DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02 DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02 DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02 DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02 DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02 DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02 DP
Anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzidine	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02 DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02 DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02 DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02 DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Chrysene	ND	1	333	ug/Kg	12/08/02 DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02 DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02 DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02 DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02 DP
Fluorene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02 DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02 DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396060 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** FT31EX53D
Date Sampled: 12/02/2002
Time Sampled: 10:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	12/08/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Isophorone	ND	1	333	ug/Kg	12/08/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02	DP
Naphthalene	ND	1	333	ug/Kg	12/08/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02	DP
Phenol	ND	1	333	ug/Kg	12/08/02	DP
Pyrene	ND	1	333	ug/Kg	12/08/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	28			%	17 - 122	
2-Fluorobiphenyl (sur)	30			%	30 - 115	
2-Fluorophenol (sur)	24			%	25 - 121	
Nitrobenzene-d5 (sur)	37			%	23 - 120	
Phenol-d5 (sur)	37			%	24 - 113	
Terphenyl-d14 (sur)	51			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/05/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	69			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396061
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/05/02	AF
C10 - C22	ND	1	30	mg/Kg	12/05/02	AF
C22 - C32	ND	1	50	mg/Kg	12/05/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/05/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/05/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/05/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/05/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/05/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/05/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/05/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/05/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/05/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/05/02	AM
Acetone	ND	1	5	ug/Kg	12/05/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396061 **Client:** Foster Wheeler Environmental Corp.

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/05/02 AM
Acrolein	ND	1	200	ug/Kg	12/05/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Benzene	ND	1	5	ug/Kg	12/05/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/05/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/05/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/05/02 AM
Bromoform	ND	1	5	ug/Kg	12/05/02 AM
Bromomethane	ND	1	5	ug/Kg	12/05/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/05/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/05/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/05/02 AM
Chloroethane	ND	1	5	ug/Kg	12/05/02 AM
Chloroform	ND	1	5	ug/Kg	12/05/02 AM
Chloromethane	ND	1	5	ug/Kg	12/05/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/05/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/05/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/05/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/05/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/05/02 AM
Iodomethane	ND	1	5	ug/Kg	12/05/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/05/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/05/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/05/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/05/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/05/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/05/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/05/02 AM
Naphthalene	ND	1	5	ug/Kg	12/05/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/05/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/05/02 AM
Propionitrile	ND	1	5	ug/Kg	12/05/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396061
Matrix: SOLID
Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	12/05/02	AM
Styrene	ND	1	5	ug/Kg	12/05/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/05/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/05/02	AM
Toluene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/05/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/05/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/05/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/05/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/05/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/05/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/05/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	109			%	70 - 130	
Dibromofluoromethane (sur)	106			%	70 - 130	
p-Bromofluorobenzene (sur)	109			%	70 - 130	
Toluene-d8 (sur)	105			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/08/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/08/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/08/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/08/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396061
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/08/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/08/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/08/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/08/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/08/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/08/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/08/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/08/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/08/02	DP
Anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzidine	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/08/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/08/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/08/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/08/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Chrysene	ND	1	333	ug/Kg	12/08/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/08/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/08/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/08/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/08/02	DP
Fluorene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/08/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/08/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 396061 **Client:** Foster Wheeler Environmental Corp.

Matrix: SOLID **Client Sample ID:** Laboratory Method Blank

Date Sampled:

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	1	333	ug/Kg	12/08/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/08/02	DP
Isophorone	ND	1	333	ug/Kg	12/08/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/08/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/08/02	DP
Naphthalene	ND	1	333	ug/Kg	12/08/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/08/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/08/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/08/02	DP
Phenol	ND	1	333	ug/Kg	12/08/02	DP
Pyrene	ND	1	333	ug/Kg	12/08/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	29			%	17 - 122	
2-Fluorobiphenyl (sur)	38			%	30 - 115	
2-Fluorophenol (sur)	35			%	25 - 121	
Nitrobenzene-d5 (sur)	46			%	23 - 120	
Phenol-d5 (sur)	43			%	24 - 113	
Terphenyl-d14 (sur)	68			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/05/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	56			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Attachment B

EXCAVATION samples

Analytical Method	Parameter
SW-846 Method 5035/8260B	VOCs
SW-846 Method 8270C	SVOCs
EPA Modified Method 8015	TPH (DRO, GRO, ORO)

Cooler Receipt Form

Client: Foster Wheeler Project: F7-31

Date Cooler Received: 12-3-02 Date Cooler Opened: 12-3-02

Was cooler scanned for presence of radioactivity? (Yes) / No

a: Was radioactivity results above 25cpm? Yes / (No)

If cooler had custody seal(s), were they signed and intact? NA / (Yes) / No

Was a shipper's packing slip attached to the cooler? (Yes) / No

Cooler was packed with: Ice X Ice Packs ____ Bubble Wrap X Styrofoam ____
Paper ____ None ____ Other _____

Temperature of cooler: 0.2°C

*Cooler needs to be received @ 4°C with an acceptable range of 2°-6°C

Were all samples sealed in plastic bags? (Yes) / No

Did all samples arrive intact? If no, see below (Yes) / No

Were all samples labeled correctly? (ID, Dates, Times) If no, see below (Yes) / No

Can the tests required be run with provided containers? If no, see below (Yes) / No

Was sufficient volume of sample sent in all containers? (Yes) / No

Were any VOA vials received with headspace? (NA) / Yes / No

Were correct preservatives used? (NA) / Yes / No
*If no, see pH Log for a list of samples and container pH.

Any other important information: _____

_____

_____

Signed: _____ Date: 12-3-02

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: 102995-057

Matrix: SOLID

Prep. Date: 12/04/02

Analysis Date: 12/05/02

ID#'s in Batch: LR 102995, 103071

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Reporting Units = ug/Kg

Test	Method	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
TPH	8015M-G	ND	5	4.40	4.30	88	86	2

ND = Not Detected
RPD = Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate
%REC-MS & MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

%REC LIMITS = 70 - 130
RPD LIMITS = 30

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

	PREP BLK Value	Result	True	%Rec	L.Limit	H.Limit
LCS	ND	4.50	5	90	80%	120%
LCSD	ND	4.50	5	90	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-156
QA Sample	79
MS	109
MSD	113
Method Blank	56
LCS	73
LCSD	71

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 12/05/02 9:03 PM

Applies to: LR 102995

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	54.53	58.75	109	118	7	22	59-172
MTBE	ND	50	46.14	45.45	92	91	2	24	62-137
Benzene	ND	50	49.28	50.54	99	101	3	24	62-137
Trichloroethene	ND	50	54.86	54.28	110	109	1	21	66-142
Toluene	ND	50	54.76	54.17	110	108	1	21	59-139
Chlorobenzene	ND	50	50.46	51.84	101	104	3	21	60-133

QC Sample: LCS # 1 12:28 PM
Analysis Date: 12/05/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	65.25	131	59-172
MTBE	ND	50	44.18	88	62-137
Benzene	ND	50	50.82	102	62-137
Trichloroethene	ND	50	56.14	112	66-142
Toluene	ND	50	54.88	110	59-139
Chlorobenzene	ND	50	48.91	98	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-130)

Compound	LCS 1	MB	LCS	LCSD
1,2-Dichloroethane-d4	97	109	98	99
Dibromofluoromethane	109	106	109	112
Toluene-d8	105	105	106	101
p-Bromofluorobenzene	107	109	104	102

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Prep. Date: 12/04/02

Analysis Date: 12/05/02

ID#'s in Batch: LR 102995

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	Result	True	%Rec	L.Limit	H.Limit
Test	**Method**	LCS	ND	453	500	91	80%	120%
DIESEL	8015D	LCSD	ND	410	500	82	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	O-Terphenyl
QC Limit	**55-156**
Method Blank	70
LCS	85
LCSD	85

*** Outside QC Limits**

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270 / 625

QC Sample: 102995-057

Matrix: SOLID

Date Analyzed : 12/08/02

Date Extracted : 12/04/02

Applies to: LR 102995

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol *	ND	50	19	28	38	56	38	35	26-125
2-Chorophenol	ND	50	20	26	40	52	26	50	25-125
1,4-Dichlorobenzene	ND	50	19	23	38	46	19	27	28-104
n-Nitroso-di-propylamine	0.1	50	23	25	46	50	8	38	41-126
1,2,4-Trichlorobenzene *	ND	50	17	24	34	48	34	23	38-107
4-Chloro-3-methylphenol *	ND	50	16	33	32	66	69	33	26-103
Acenaphthene *	ND	50	19	30	38	60	45	19	31-137
4-Nitrophenol	ND	50	37	51	74	102	32	50	11-114
2,4-Dinitrotoluene	ND	50	24	34	48	68	34	47	28-89
Pentachlorophenol *	0.1	50	14	23	28	46	49	47	17-109
Pyrene	ND	50	23	32	46	64	33	36	35-142

***Outside QC limits, due to matrix interference**

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	22	44	26-125
2-Chlorophenol	50	21	42	25-125
1,4-Dichlorobenzene	50	22	44	28-104
n-Nitroso-di-n-propylamine	50	25	50	41-126
1,2,4-Trichlorobenzene	50	21	42	38-107
4-Chloro-3-methylphenol	50	22	44	26-103
Acenaphthene	50	23	46	31-137
4-Nitophenol	50	34	68	11-114
2,4-Dinitrotoluene	50	26	52	28-89
Pentachlorophenol	50	9	18	17-109
Pyrene	50	26	52	35-142

Method Blank = All ND

ASSOCIATED LABORATORIES

NARRATIVE

Date: December 11, 2002

Narrative for Lab Request LR: 102995

Client Project Identification:
Project: FT-31
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015M – Total Petroleum Hydrocarbons.
- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
All QC data, including MS/MSD, LCS, Method Blanks, and Surrogate Recoveries, were within control limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8270:** The MS was slightly outside control limits for 1,2,4-Trichlorobenzene. And RPD was outside limits for the following: Phenol; 1,2,4-Trichlorobenzene; 4-Chloro-3-methylphenol; Acenaphthene; and Pentachlorophenol. Furthermore, 2-Fluorophenol surrogate recovery was slightly outside limits in Sample #060. Corrective action: No corrective action necessary. All other QC data conformed, including the LCS, Method Blanks, and the MS/MSD. Furthermore, the bulk of surrogate recoveries conformed. Therefore, the analytical batch was accepted.

- **EPA 8015M (TPH), 8015 (CCI) & 8260:** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Associated Laboratories
806 N. Batavia
Orange, CA 92868

Phone: 714-771-6900
Fax: 714-538-1209

LAB REQUEST: 102995

CLIENT: Foster Wheeler Environmental Corp.

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EPA 8015 - Carbon Chain I ..... 77 - 129

EPA 8260 - Volatile Organic Compounds ..... 130 - 181

EPA 8270 - Acid & Base/Neutral Extractables ..... 182 - 234

EPA 8015M:

Total Petroleum Hydrocarbons

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1004.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-142

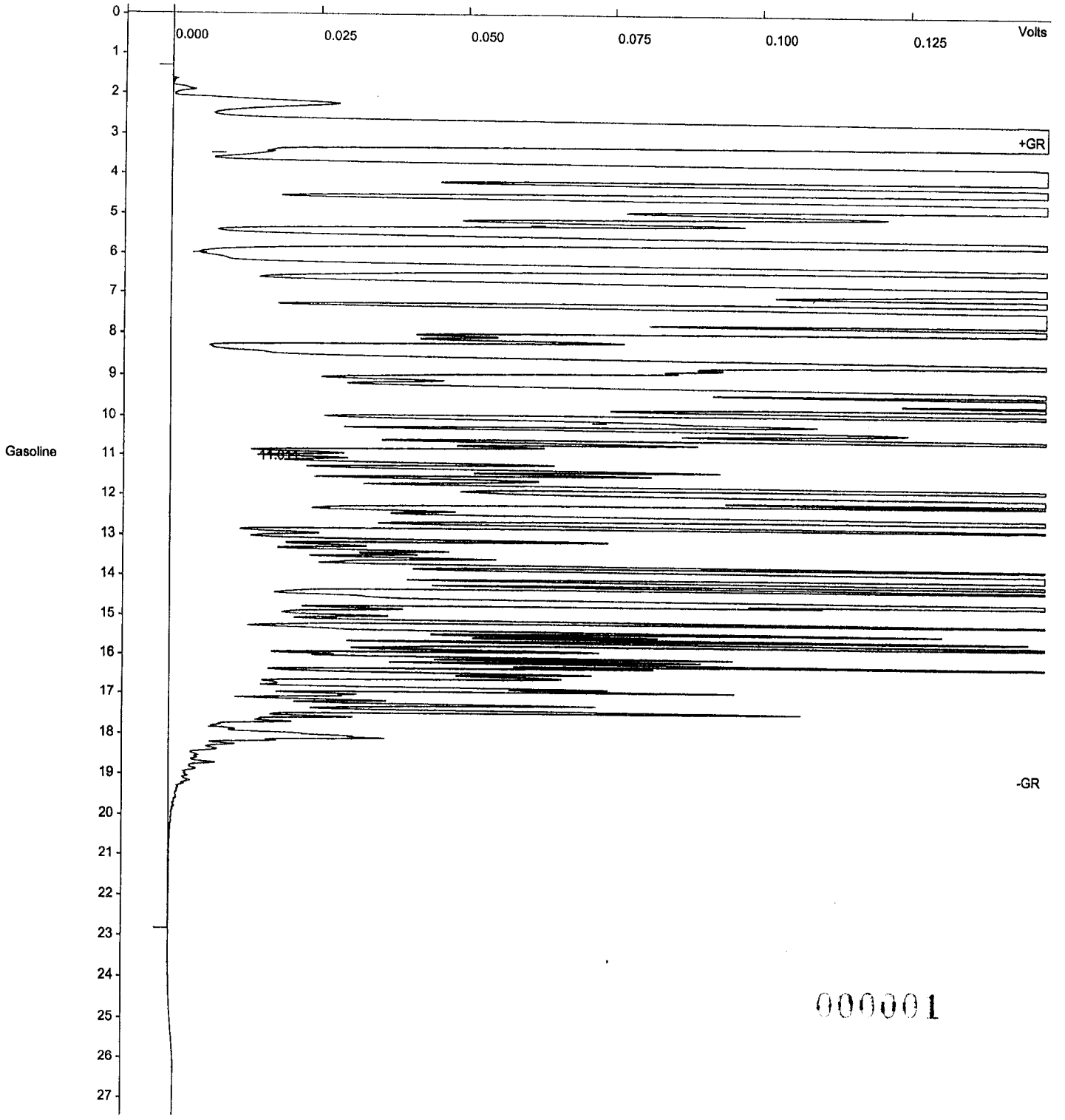
Injection Date: 12/5/2002 2:26 AM Calculation Date: 12/5/2002 2:53 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000001

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1004.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-142

Injection Date: 12/5/2002 2:26 AM Calculation Date: 12/5/2002 2:53 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.3577	11.011	0.001	99851888	GR	0.0	
	Totals:	4.3577		0.001	99851888			

Total Unidentified Counts : 16107104 counts

Detected Peaks: 18 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 11 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1004.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-142

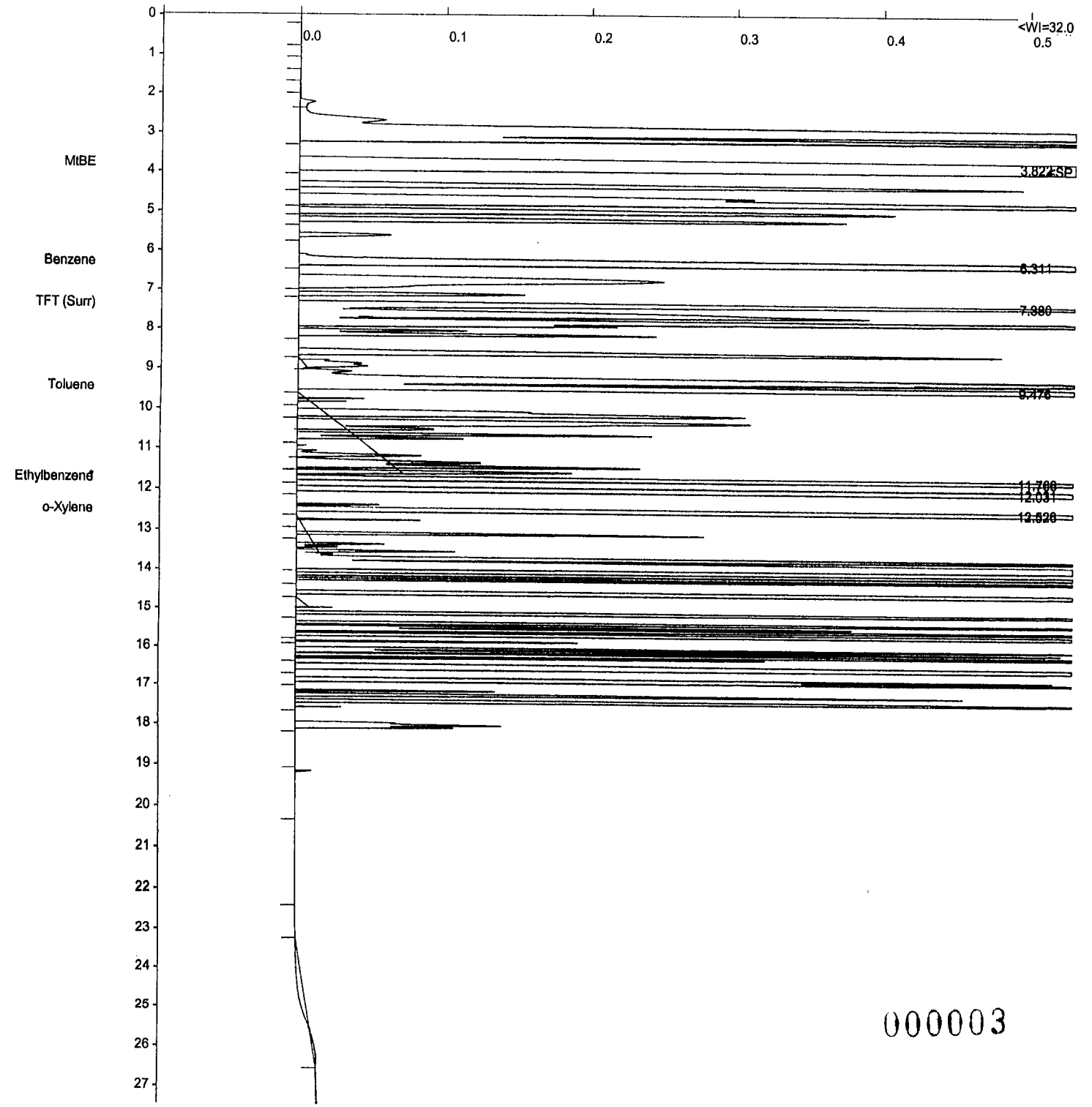
Injection Date: 12/5/2002 2:26 AM Calculation Date: 12/5/2002 2:53 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000003

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1004.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-142

Injection Date: 12/5/2002 2:26 AM Calculation Date: 12/5/2002 2:53 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID
Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.3389	3.822	0.065	17290178	PV	0.0	C
2	Benzene	0.0667	6.311	0.040	9960396	VV	6.0	
3	TFT (Surr)	0.1388	7.380	0.039	3971507	VV	5.7	
4	Toluene	0.1912	9.476	0.039	35784096	VV	4.1	
5	Ethylbenzene	0.0604	11.766	-0.002	10084973	VV	3.6	
6	p,m-Xylene	0.1910	12.031	-0.006	33924588	VV	3.5	C
7	o-Xylene	0.0878	12.526	0.001	13767897	VV	3.5	
	Totals:	1.0748		0.176	124783635			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 155540880 counts

Detected Peaks: 57 Rejected Peaks: 4 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -43 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1005.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : MB

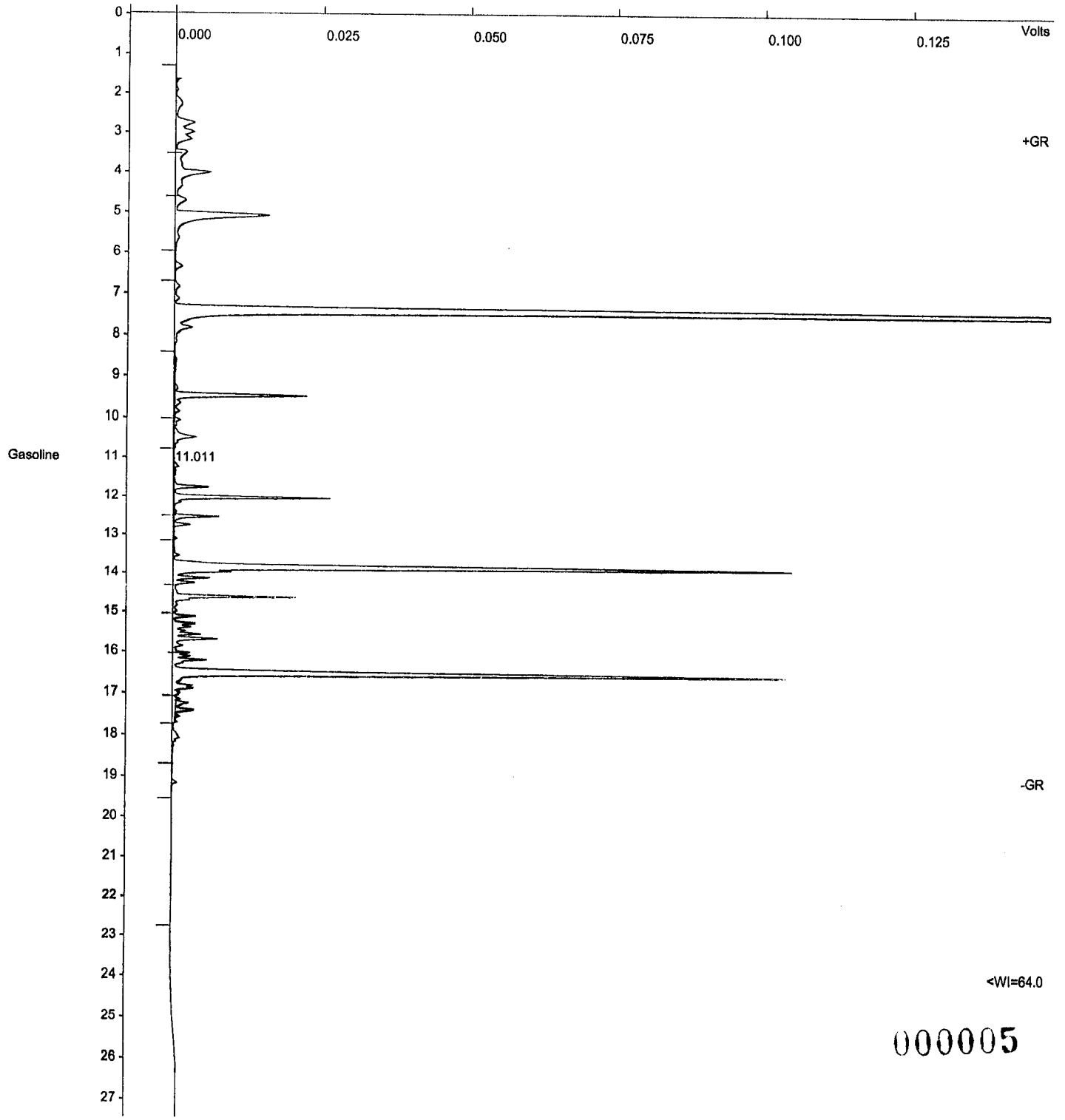
Injection Date: 12/5/2002 3:01 AM Calculation Date: 12/5/2002 3:28 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000005

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1005.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : MB

Injection Date: 12/5/2002 3:01 AM Calculation Date: 12/5/2002 3:28 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3115	11.011	0.001	4136820	GR	0.0	
	Totals:	0.3115		0.001	4136820			

Total Unidentified Counts : 126943 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 13 microVolts

Noise (used): 14 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1005.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : MB

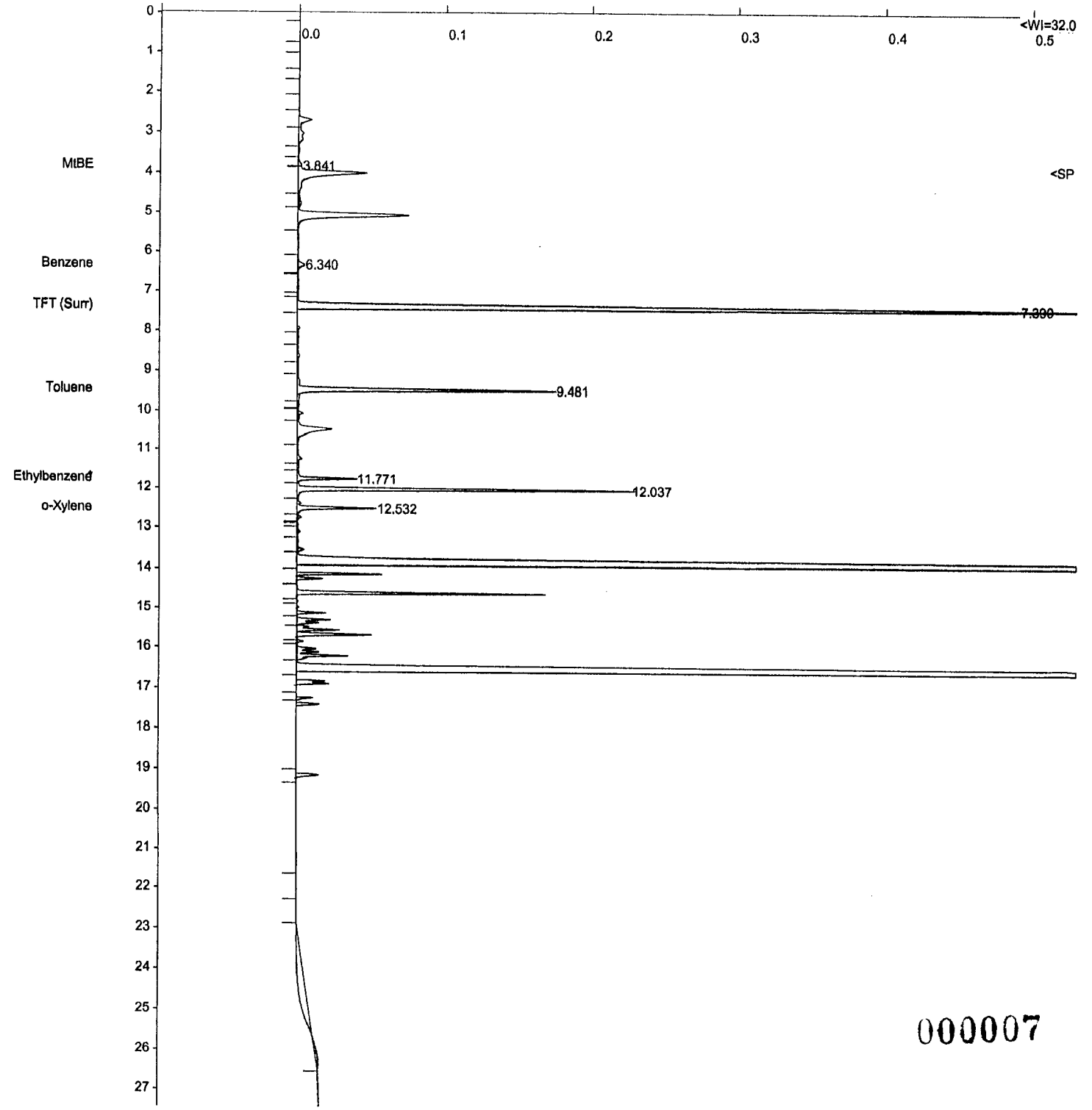
Injection Date: 12/5/2002 3:01 AM Calculation Date: 12/5/2002 3:28 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000007

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1005.run
Method File : c:\star\module44\g14method\gbtx02-1120.mth
Sample ID : MB

Injection Date: 12/5/2002 3:01 AM Calculation Date: 12/5/2002 2:10 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.340	0.069	28477	TF	0.0	C*
2	TFT (Surr)	0.1128	7.390	-0.007	3005070	VP	5.4	
3	Toluene	no result	9.481	0.044	754289	VV	4.0	C*
4	Ethylbenzene	no result	11.771	0.003	160918	VV	3.6	C*
5	p,m-Xylene	no result	12.037	0.000	880994	VV	3.8	C*
6	o-Xylene	no result	12.532	0.007	250307	VV	3.8	C*
	Totals:	0.1128		0.116	5080055			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 25647520 counts

Detected Peaks: 51 Rejected Peaks: 4 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -18 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1006.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GLCS GW-135

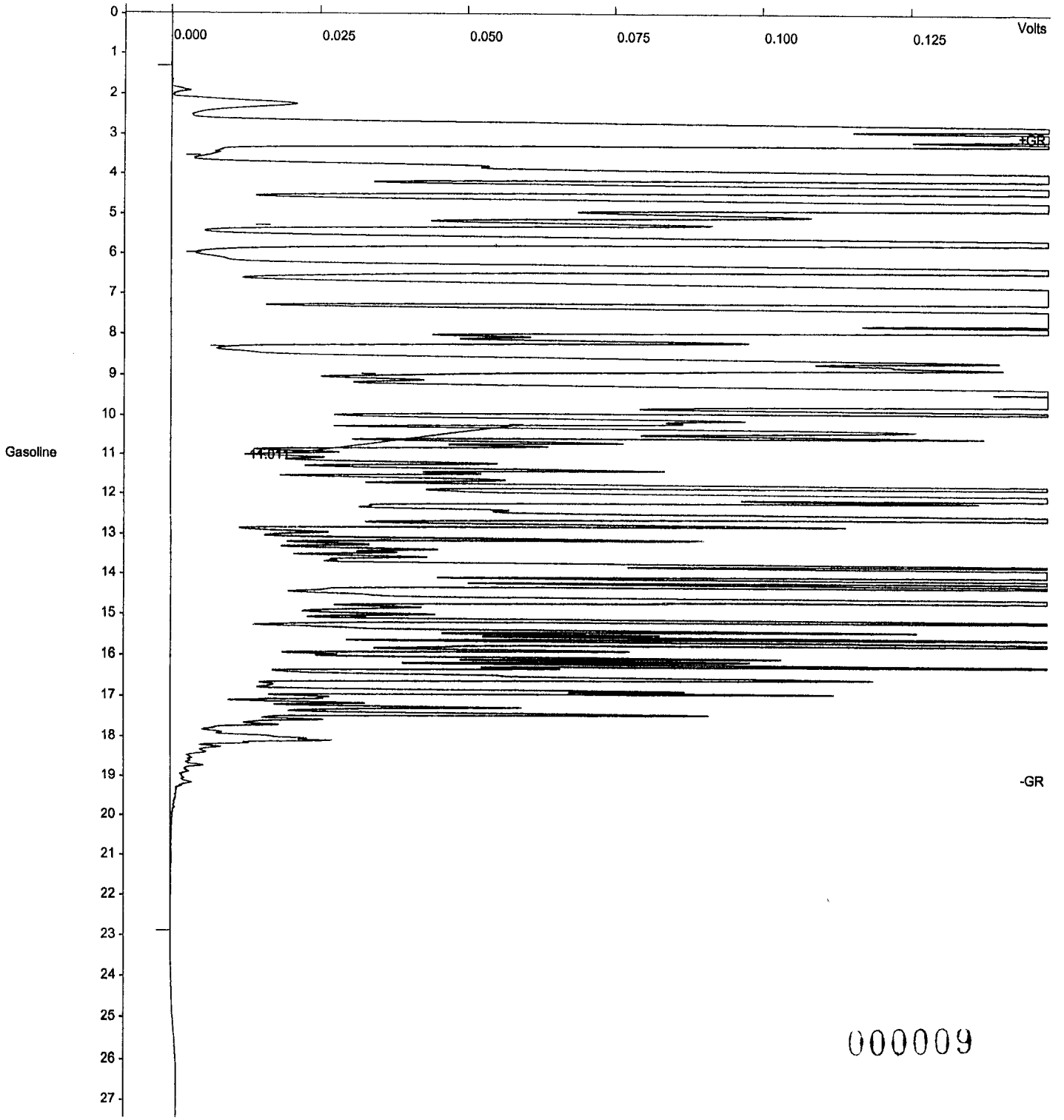
Injection Date: 12/5/2002 3:36 AM Calculation Date: 12/5/2002 4:03 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000009

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1006.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GLCS GW-135

Injection Date: 12/5/2002 3:36 AM Calculation Date: 12/5/2002 4:03 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.4856	11.011	0.001	102876608	GR	0.0	
	Totals:	4.4856		0.001	102876608			

Total Unidentified Counts : 8043263 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 10 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1006.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GLCS GW-135

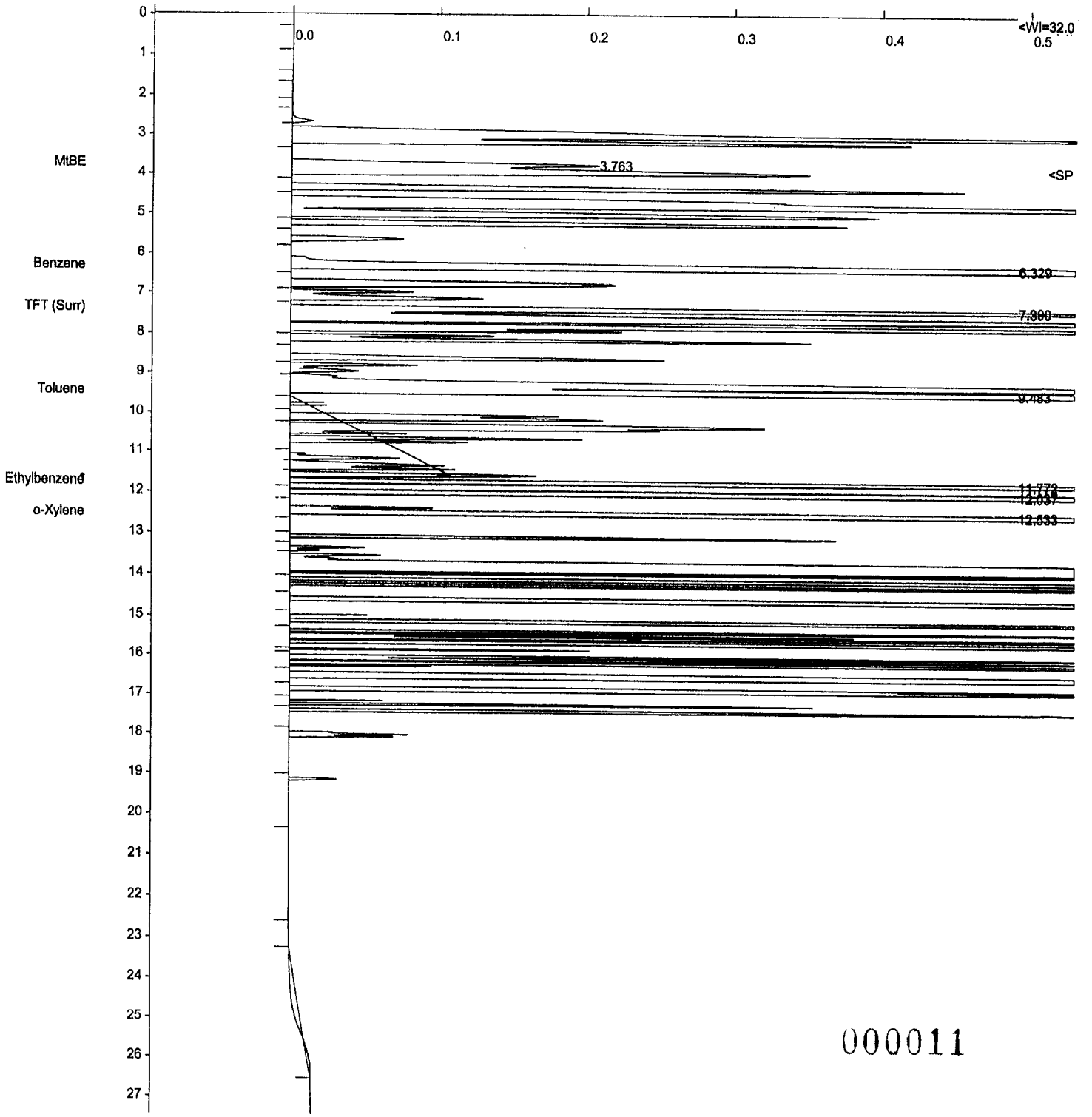
Injection Date: 12/5/2002 3:36 AM Calculation Date: 12/5/2002 4:03 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000011

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1006.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GLCS GW-135

Injection Date: 12/5/2002 3:36 AM Calculation Date: 12/5/2002 4:03 AM

Operator : LT Detector Type: 3800 (10 Volts)
Workstation: Bus Address : 44
Instrument : Varian Star #1 Sample Rate : 10.00 Hz
Channel : Front = FID Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.0413	3.763	0.006	1791581	PV	0.0	
2	Benzene	0.0839	6.329	0.058	12470855	VV	5.8	
3	TFT (Surr)	0.1469	7.390	0.049	4205017	VV	5.9	
4	Toluene	0.2685	9.483	0.046	49838648	VV	4.4	C
5	Ethylbenzene	0.0759	11.772	0.004	12385196	VV	3.5	
6	p,m-Xylene	0.2207	12.037	0.000	39013308	VV	3.7	C
7	o-Xylene	0.1134	12.533	0.008	17499038	VB	3.7	
	Totals:	0.9506		0.171	137203643			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 166373968 counts

Detected Peaks: 55 Rejected Peaks: 2 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -77 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1007.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GLCSD GW-135

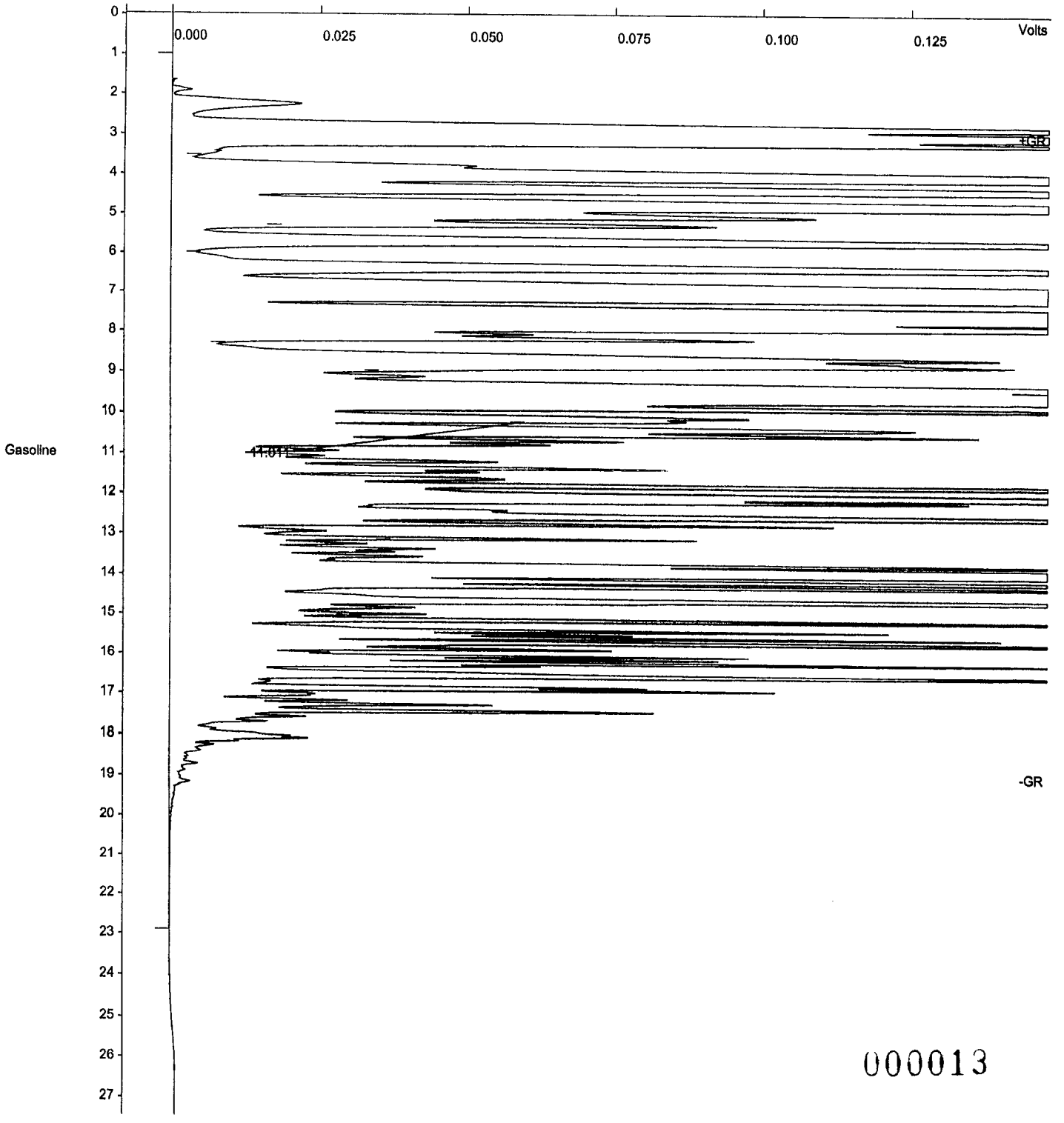
Injection Date: 12/5/2002 4:11 AM Calculation Date: 12/5/2002 4:38 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000013

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1007.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GLCSD GW-135

Injection Date: 12/5/2002 4:11 AM Calculation Date: 12/5/2002 4:38 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.4813	11.011	0.001	102775072	GR	0.0	
	Totals:	4.4813		0.001	102775072			

Total Unidentified Counts : 8103508 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 16 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1007.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GLCSD GW-135

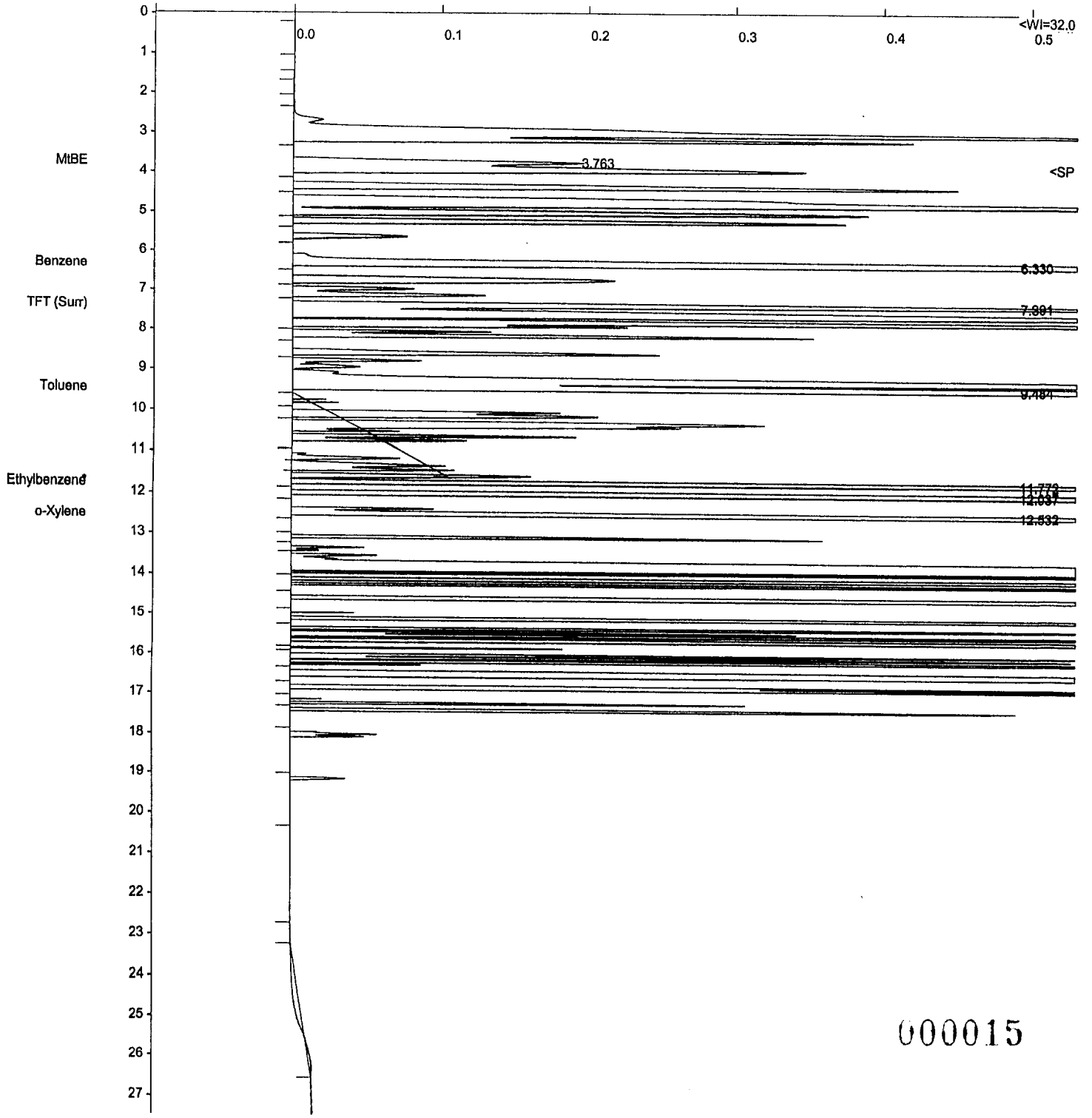
Injection Date: 12/5/2002 4:11 AM Calculation Date: 12/5/2002 4:38 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000015

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1007.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GLCSD GW-135

Injection Date: 12/5/2002 4:11 AM Calculation Date: 12/5/2002 4:38 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.0384	3.763	0.006	1639513	PV	0.0	
2	Benzene	0.0827	6.330	0.059	12298262	VV	5.8	
3	TFT (Surr)	0.1419	7.391	0.050	4060766	VV	5.9	
4	Toluene	0.2660	9.484	0.047	49386304	VV	4.3	C
5	Ethylbenzene	0.0744	11.772	0.004	12162314	VV	3.5	
6	p,m-Xylene	0.2182	12.037	-0.000	38595848	VV	3.6	C
7	o-Xylene	0.1109	12.532	0.007	17133492	VB	3.7	
	Totals:	0.9325		0.173	135276499			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 168627200 counts

Detected Peaks: 54 Rejected Peaks: 2 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -35 microVolts

Noise (used): 14 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1008.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0GMS

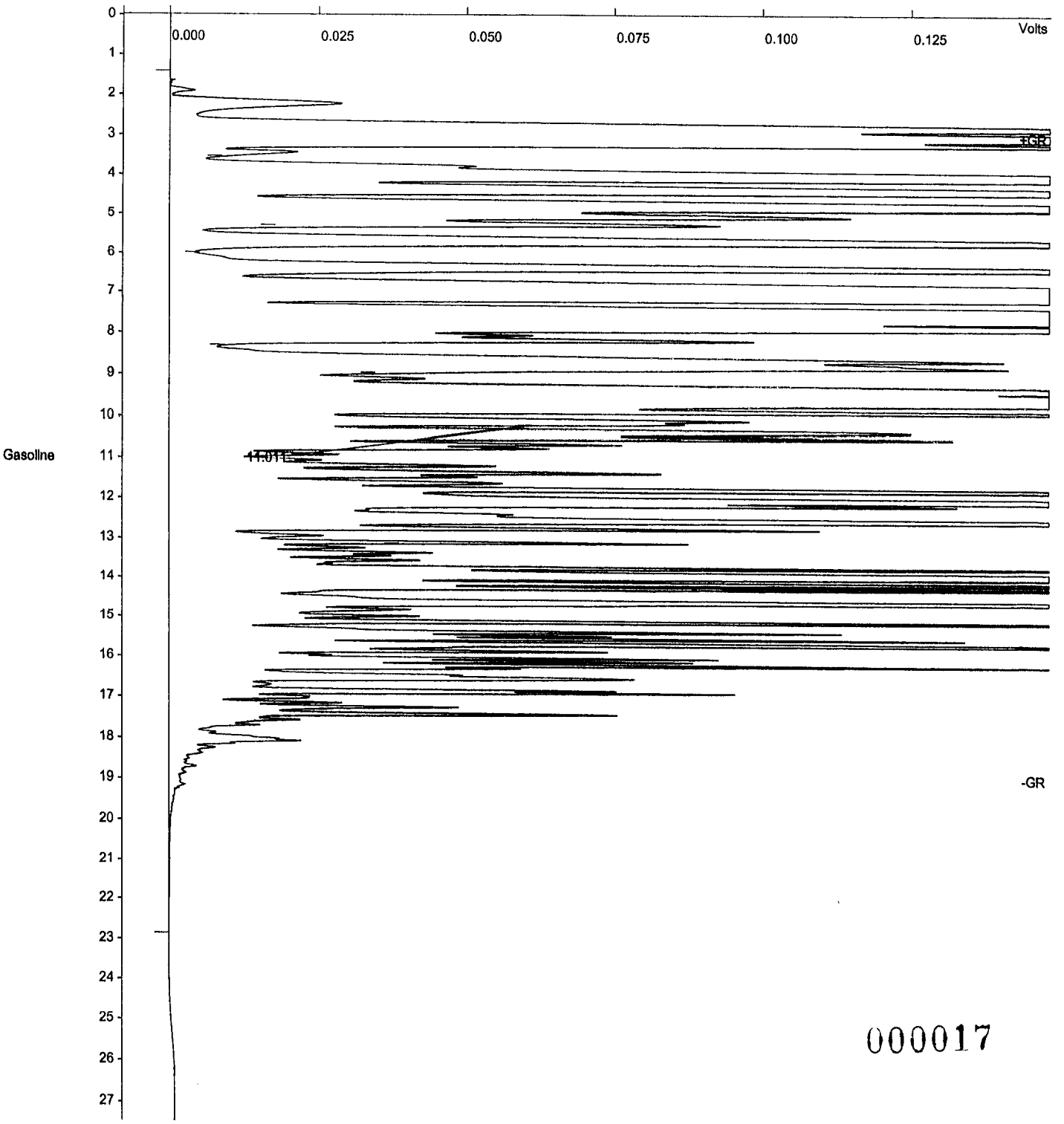
Injection Date: 12/5/2002 4:46 AM Calculation Date: 12/5/2002 5:13 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000017

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1008.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0GMS

Injection Date: 12/5/2002 4:46 AM Calculation Date: 12/5/2002 5:13 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.3692	11.011	0.001	100122560	GR	0.0	
	Totals:	4.3692		0.001	100122560			

Total Unidentified Counts : 8361409 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 16 microVolts

Noise (used): 13 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1008.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0GMS

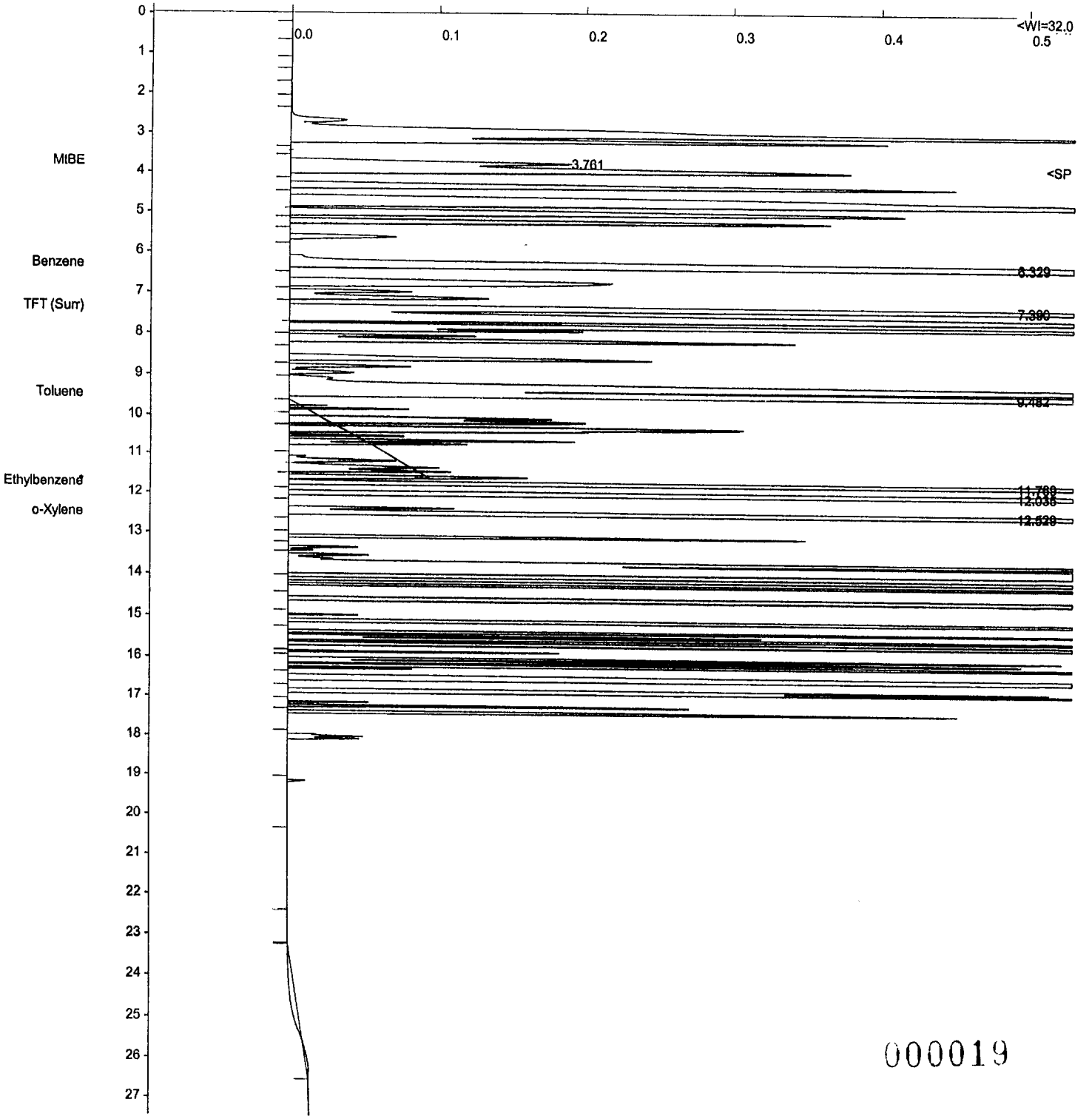
Injection Date: 12/5/2002 4:46 AM Calculation Date: 12/5/2002 5:13 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000019

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1008.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0GMS

Injection Date: 12/5/2002 4:46 AM Calculation Date: 12/5/2002 5:13 AM

Operator : LT Detector Type: 3800 (10 Volts)
Workstation: Bus Address : 44
Instrument : Varian Star #1 Sample Rate : 10.00 Hz
Channel : Front = FID Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.0371	3.761	0.004	1569490	VV	0.0	
2	Benzene	0.0797	6.329	0.058	11857225	VV	5.7	
3	TFT (Surr)	0.2189	7.390	0.049	6265601	VV	5.4	
4	Toluene	0.2604	9.482	0.045	48379440	VV	4.3	C
5	Ethylbenzene	0.0711	11.769	0.001	11677336	VV	3.5	
6	p,m-Xylene	0.2175	12.035	-0.002	38467832	VV	3.6	C
7	o-Xylene	0.1063	12.529	0.004	16467139	VB	3.7	
	Totals:	0.9910		0.159	134684063			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 145889552 counts

Detected Peaks: 57 Rejected Peaks: 4 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -26 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1009.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0GMSD

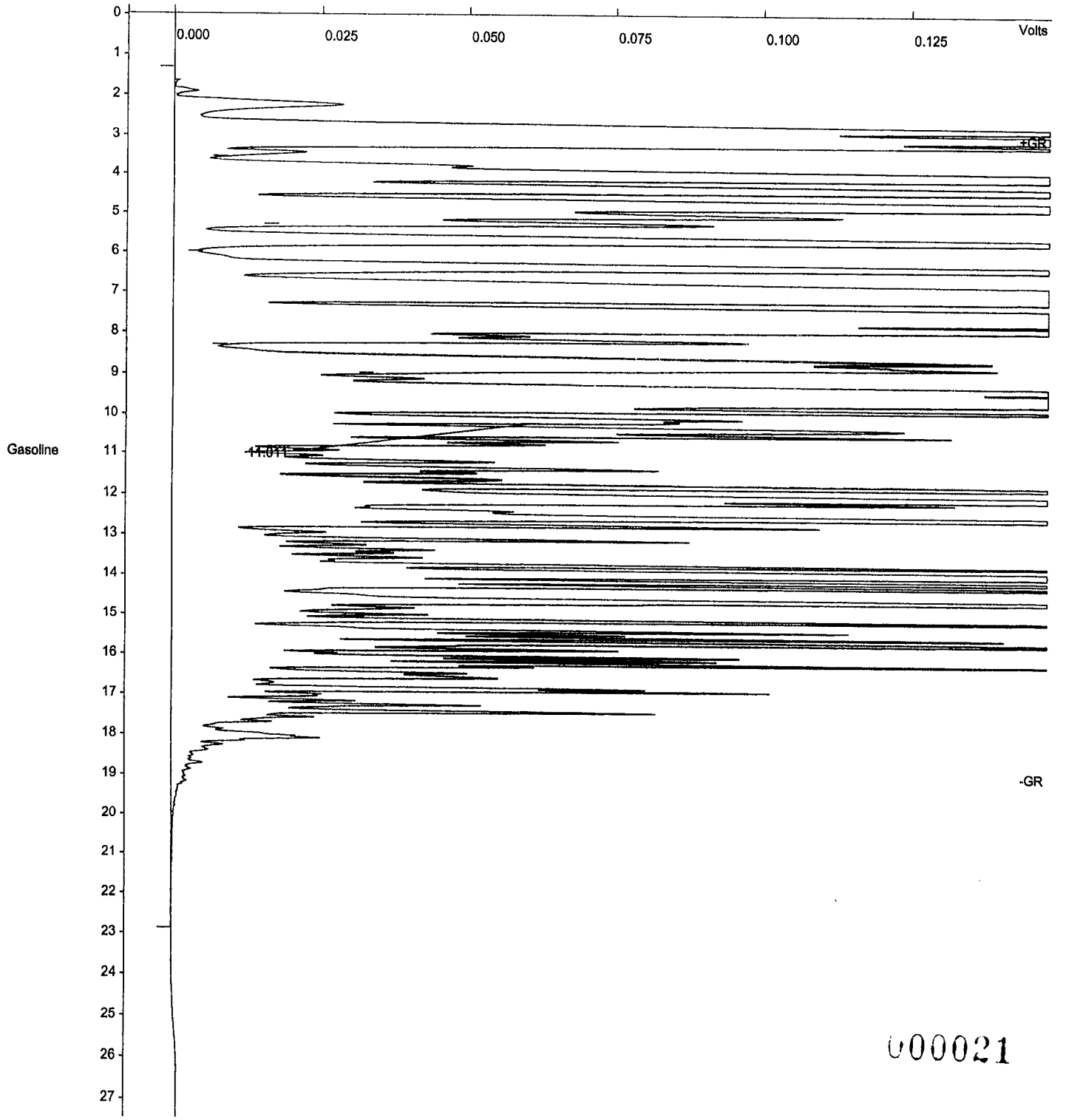
Injection Date: 12/5/2002 5:21 AM Calculation Date: 12/5/2002 5:48 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000021

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1009.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0GMSD

Injection Date: 12/5/2002 5:21 AM Calculation Date: 12/5/2002 5:48 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.3363	11.011	0.001	99345176	GR	0.0	
	Totals:	4.3363		0.001	99345176			

Total Unidentified Counts : 8206505 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 20 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1009.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0GMSD

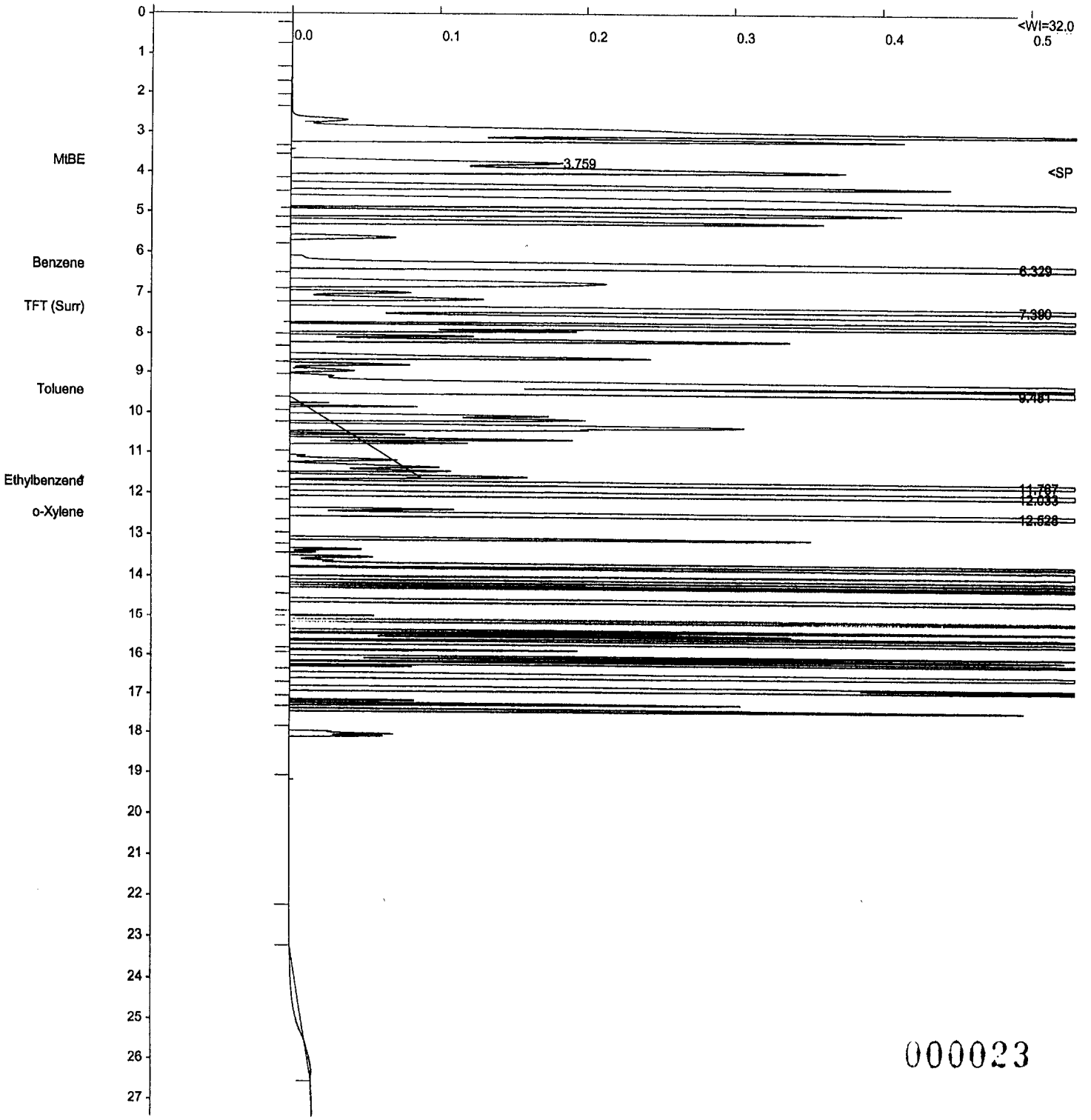
Injection Date: 12/5/2002 5:21 AM Calculation Date: 12/5/2002 5:48 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000023

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1009.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0GMSD

Injection Date: 12/5/2002 5:21 AM Calculation Date: 12/5/2002 5:48 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID
Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.0359	3.759	0.002	1508798	VV	0.0	
2	Benzene	0.0782	6.329	0.058	11644062	VV	5.7	
3	TFT (Surr)	0.2262	7.390	0.049	6473334	VV	5.3	
4	Toluene	0.2570	9.481	0.043	47746360	VV	4.2	C
5	Ethylbenzene	0.0707	11.767	-0.001	11614002	VV	3.6	
6	p,m-Xylene	0.2167	12.033	-0.004	38338356	VV	3.6	C
7	o-Xylene	0.1056	12.528	0.003	16357914	VB	3.6	
	Totals:	0.9903		0.150	133682826			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 142711088 counts

Detected Peaks: 59 Rejected Peaks: 1 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -17 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1010.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-051-5.0

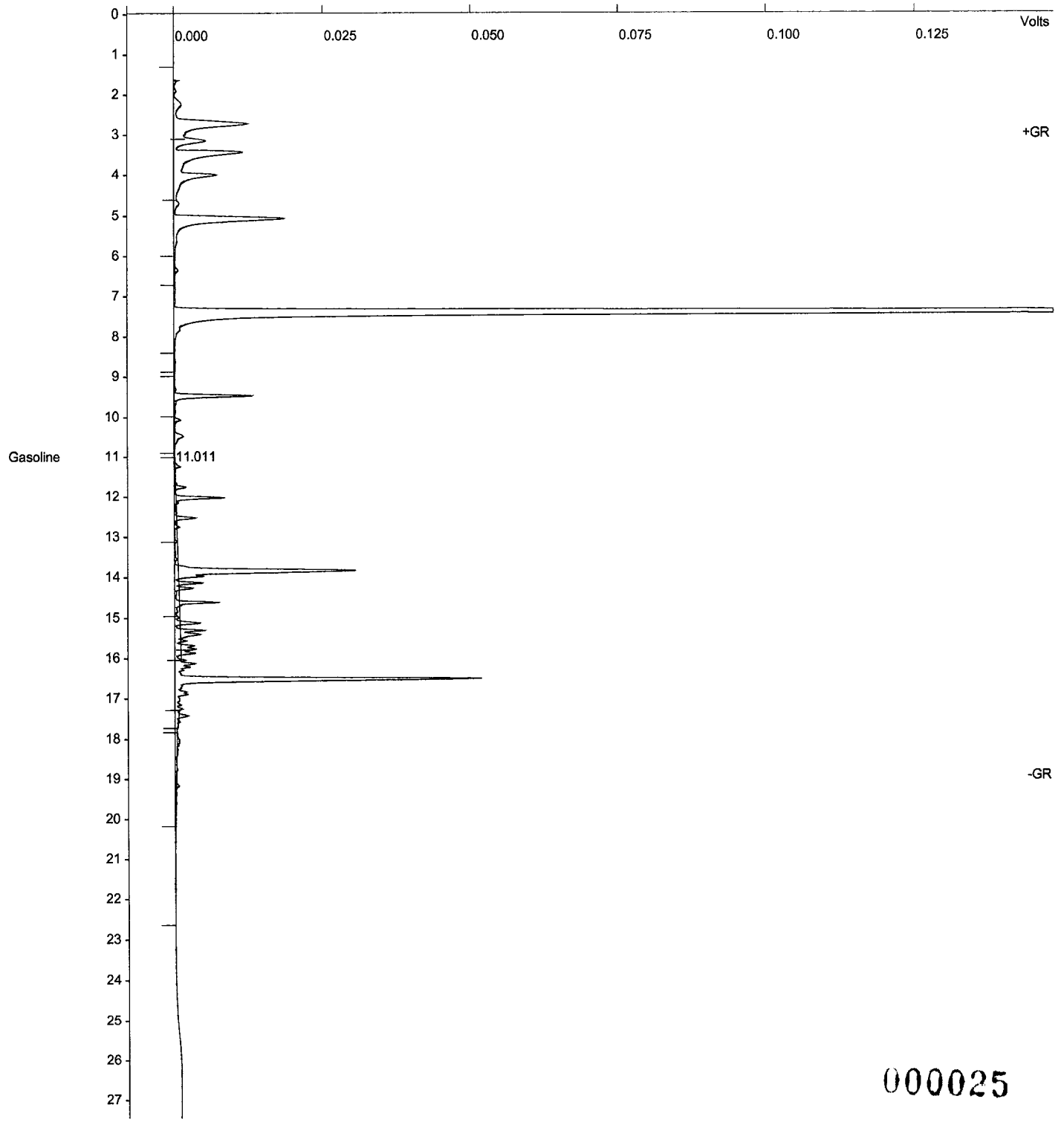
Injection Date: 12/5/2002 5:56 AM Calculation Date: 12/5/2002 6:23 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1010.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-051-5.0

Injection Date: 12/5/2002 5:56 AM Calculation Date: 12/5/2002 6:23 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2860	11.011	0.001	3533045	GR	0.0	
	Totals:	0.2860		0.001	3533045			

Total Unidentified Counts : 196588 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 18 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1010.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-051-5.0

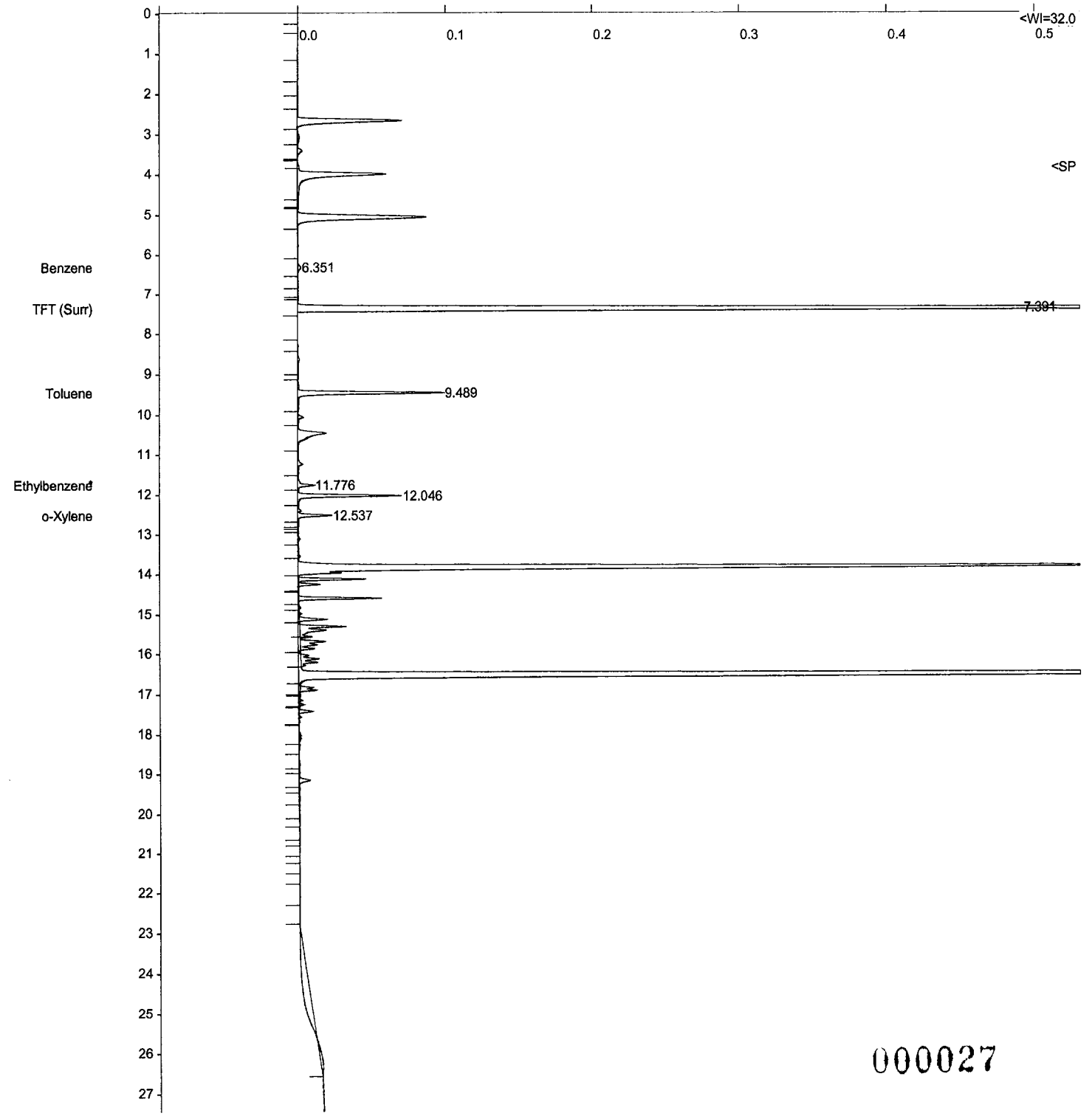
Injection Date: 12/5/2002 5:56 AM Calculation Date: 12/5/2002 6:23 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000027

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1010.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-051-5.0

Injection Date: 12/5/2002 5:56 AM Calculation Date: 12/5/2002 6:23 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.351	0.080	13806	TF	0.0	C*
2	TFT (Surr)	0.1497	7.391	0.050	4283951	VB	4.9	
3	Toluene	no result	9.489	0.052	436986	VV	4.1	C*
4	Ethylbenzene	no result	11.776	0.008	51937	VV	3.8	C*
5	p,m-Xylene	no result	12.046	0.009	275533	VV	3.8	C*
6	o-Xylene	no result	12.537	0.012	111825	VV	3.7	C*
	Totals:	0.1497		0.211	5174038			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 12855683 counts

Detected Peaks: 62 Rejected Peaks: 11 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 1 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1011.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-052-5.0

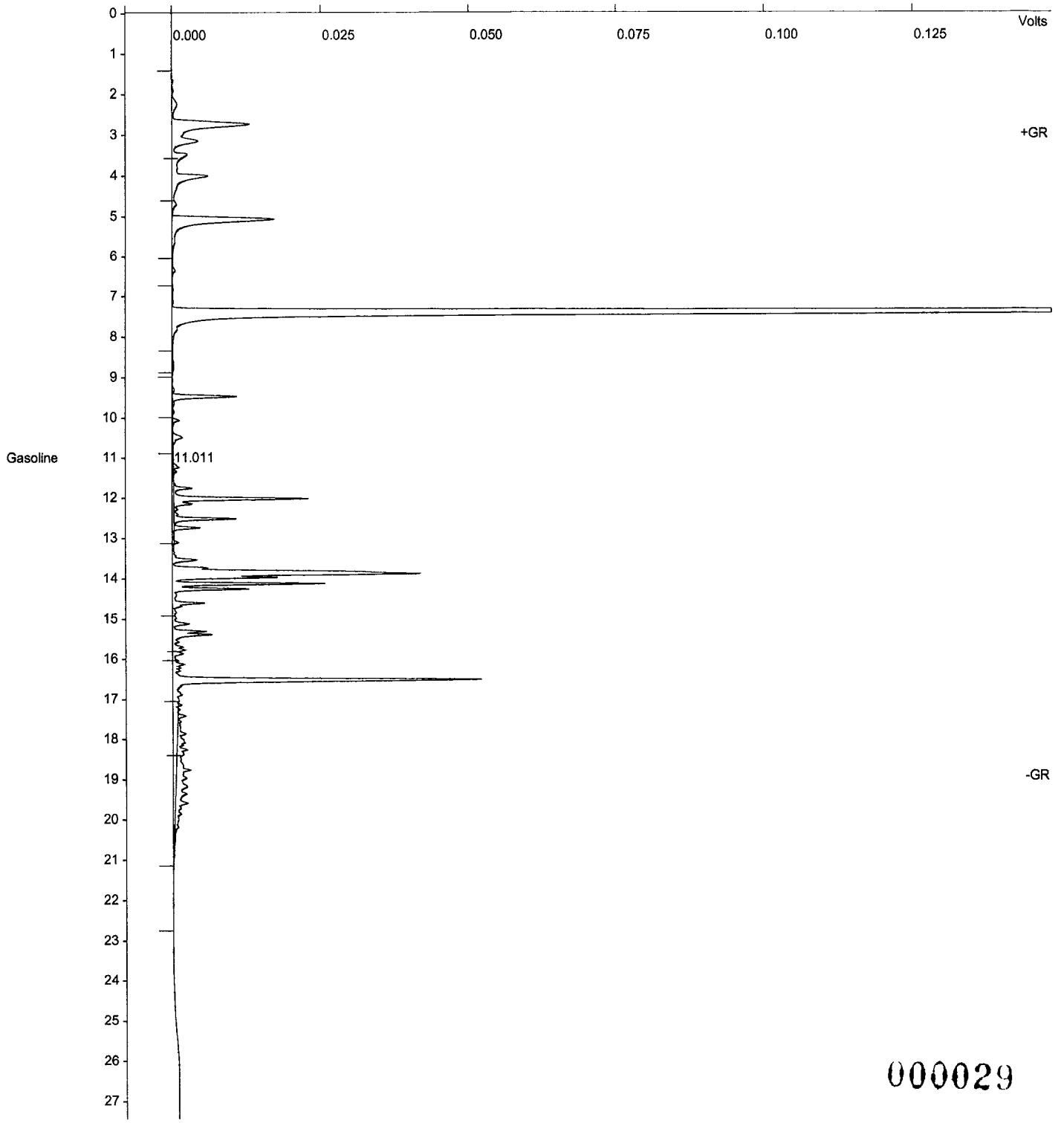
Injection Date: 12/5/2002 6:31 AM Calculation Date: 12/5/2002 6:58 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1011.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-052-5.0

Injection Date: 12/5/2002 6:31 AM Calculation Date: 12/5/2002 6:58 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2981	11.011	0.001	3820552	GR	0.0	
	Totals:	0.2981		0.001	3820552			

Total Unidentified Counts : 347191 counts

Detected Peaks: 15 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 6 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1011.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-052-5.0

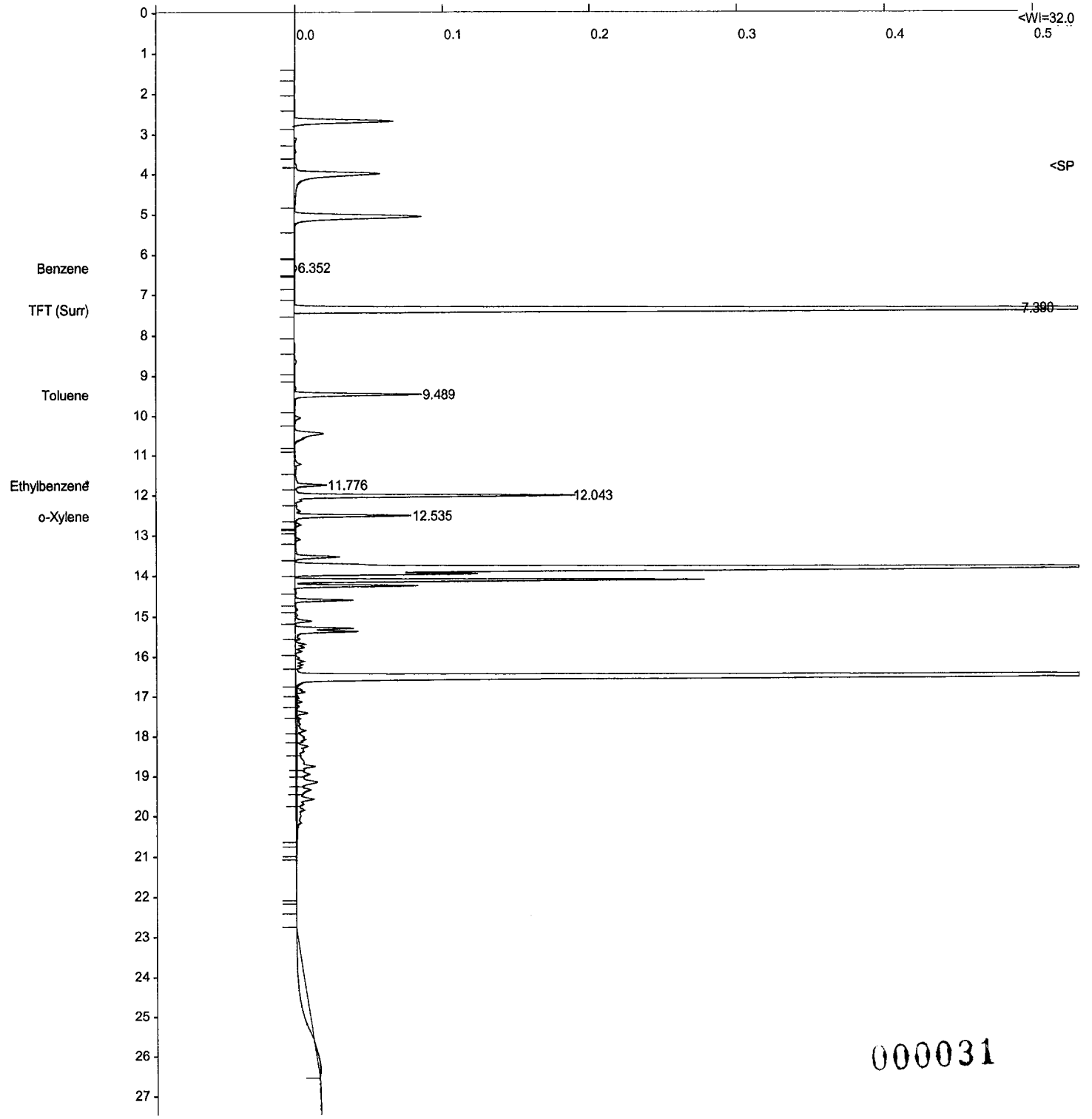
Injection Date: 12/5/2002 6:31 AM Calculation Date: 12/5/2002 6:58 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000031

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1011.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-052-5.0

Injection Date: 12/5/2002 6:31 AM Calculation Date: 12/5/2002 6:58 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID
Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.352	0.081	9322	TS	0.0	C*
2	TFT (Surr)	0.1588	7.390	0.049	4544780	VB	5.0	
3	Toluene	no result	9.489	0.052	395903	VV	4.2	C*
4	Ethylbenzene	no result	11.776	0.008	95882	VV	3.7	C*
5	p,m-Xylene	no result	12.043	0.006	757670	VV	3.9	C*
6	o-Xylene	no result	12.535	0.010	321052	VV	3.8	C*
	Totals:	0.1588		0.206	6124609			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 15879871 counts

Detected Peaks: 55 Rejected Peaks: 7 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -51 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1012.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-053-5.0

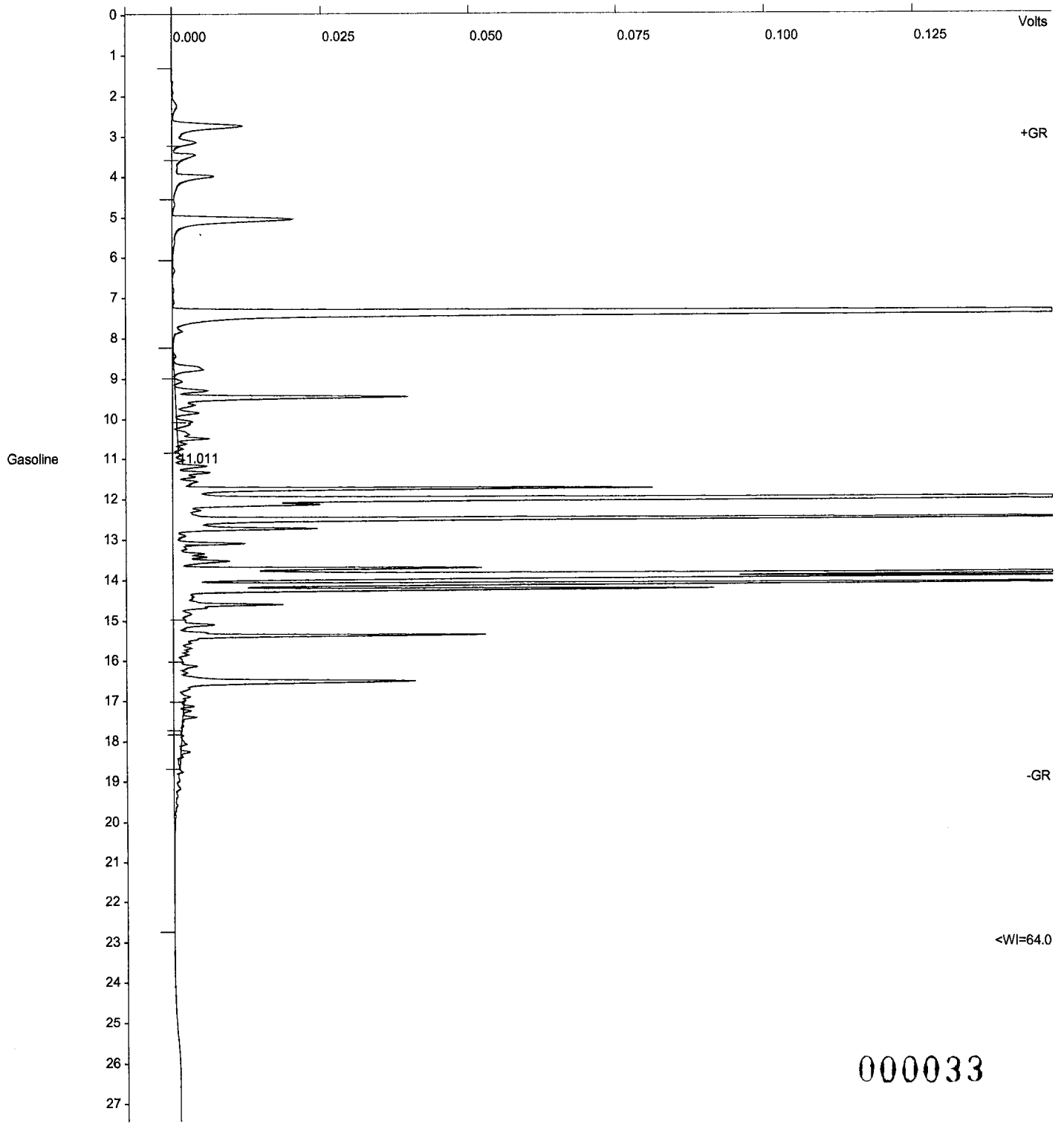
Injection Date: 12/5/2002 7:06 AM Calculation Date: 12/5/2002 7:34 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000033

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1012.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-053-5.0

Injection Date: 12/5/2002 7:06 AM Calculation Date: 12/5/2002 7:34 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.5676	11.011	0.001	10195564	GR	0.0	
	Totals:	0.5676		0.001	10195564			

Total Unidentified Counts : 175745 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 9 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1012.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-053-5.0

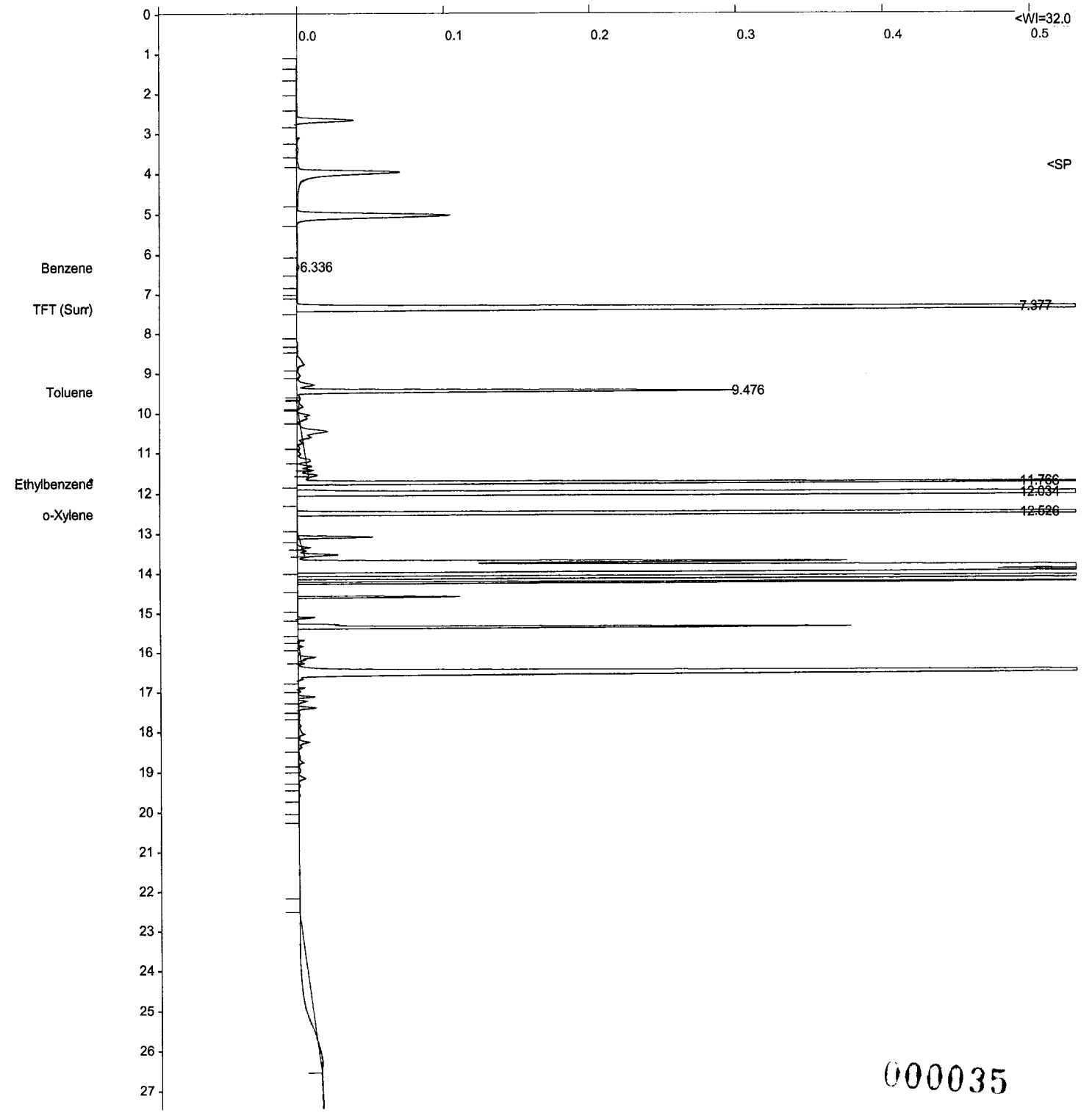
Injection Date: 12/5/2002 7:06 AM Calculation Date: 12/5/2002 7:34 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000035

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1012.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-053-5.0

Injection Date: 12/5/2002 7:06 AM Calculation Date: 12/5/2002 7:34 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.336	0.065	9668	TF	0.0	C*
2	TFT (Surr)	0.1699	7.377	0.036	4861585	VB	5.0	
3	Toluene	0.0028	9.476	0.038	1515325	VV	4.0	
4	Ethylbenzene	0.0064	11.766	-0.002	2088763	VV	3.5	
5	p,m-Xylene	0.0641	12.034	-0.003	12183129	VV	3.9	
6	o-Xylene	0.0255	12.526	0.001	4715320	VV	3.6	
	Totals:	0.2687		0.135	25373790			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 29009202 counts

Detected Peaks: 59 Rejected Peaks: 5 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -73 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1013.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-054-5.0

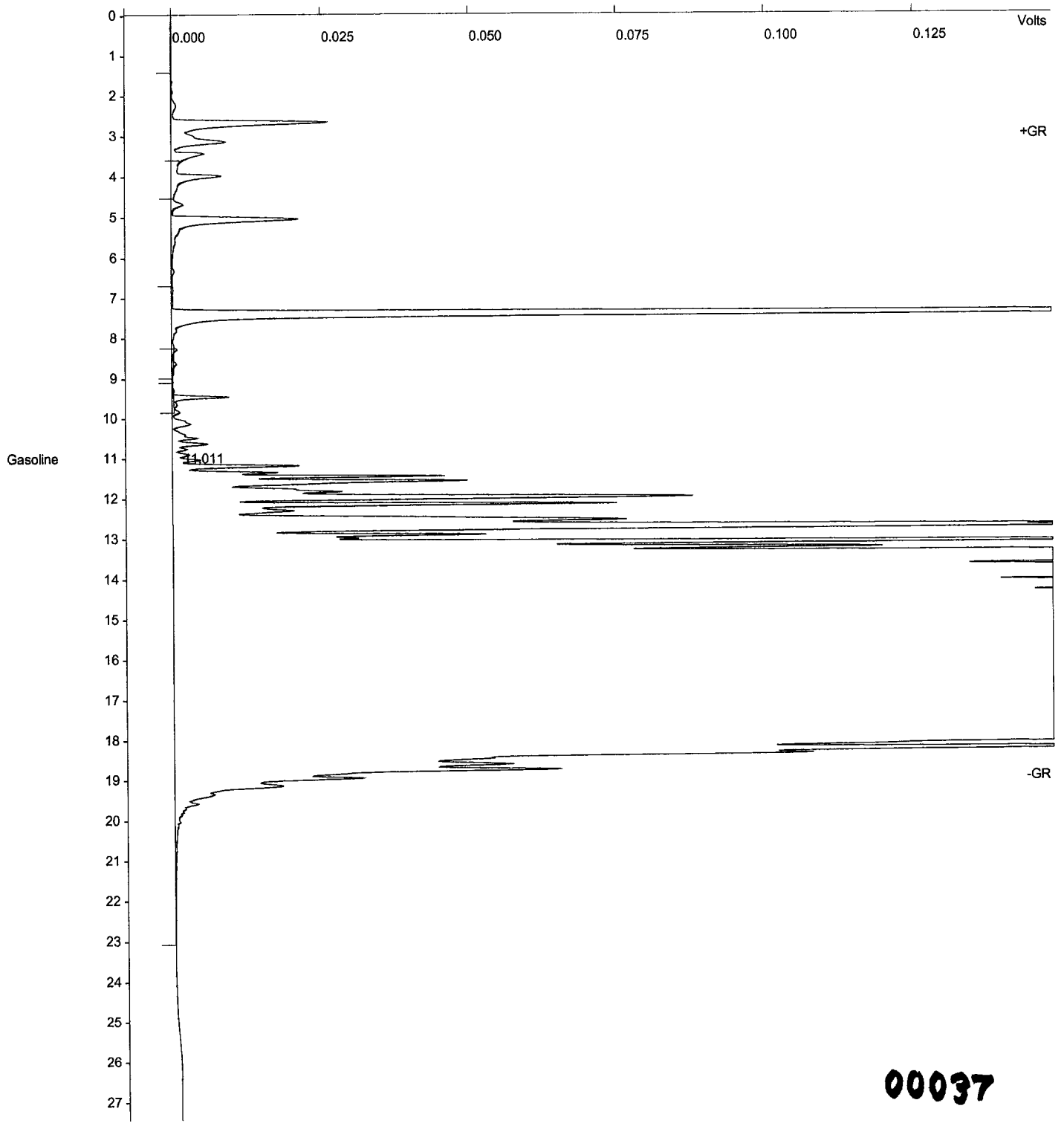
Injection Date: 12/5/2002 7:41 AM Calculation Date: 12/5/2002 8:09 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



00037

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1013.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-054-5.0

Injection Date: 12/5/2002 7:41 AM Calculation Date: 12/5/2002 8:09 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	6.3661	11.011	0.001	147360192	GR	0.0	
	Totals:	6.3661		0.001	147360192			

Total Unidentified Counts : 407789 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 8 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1013.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-054-5.0

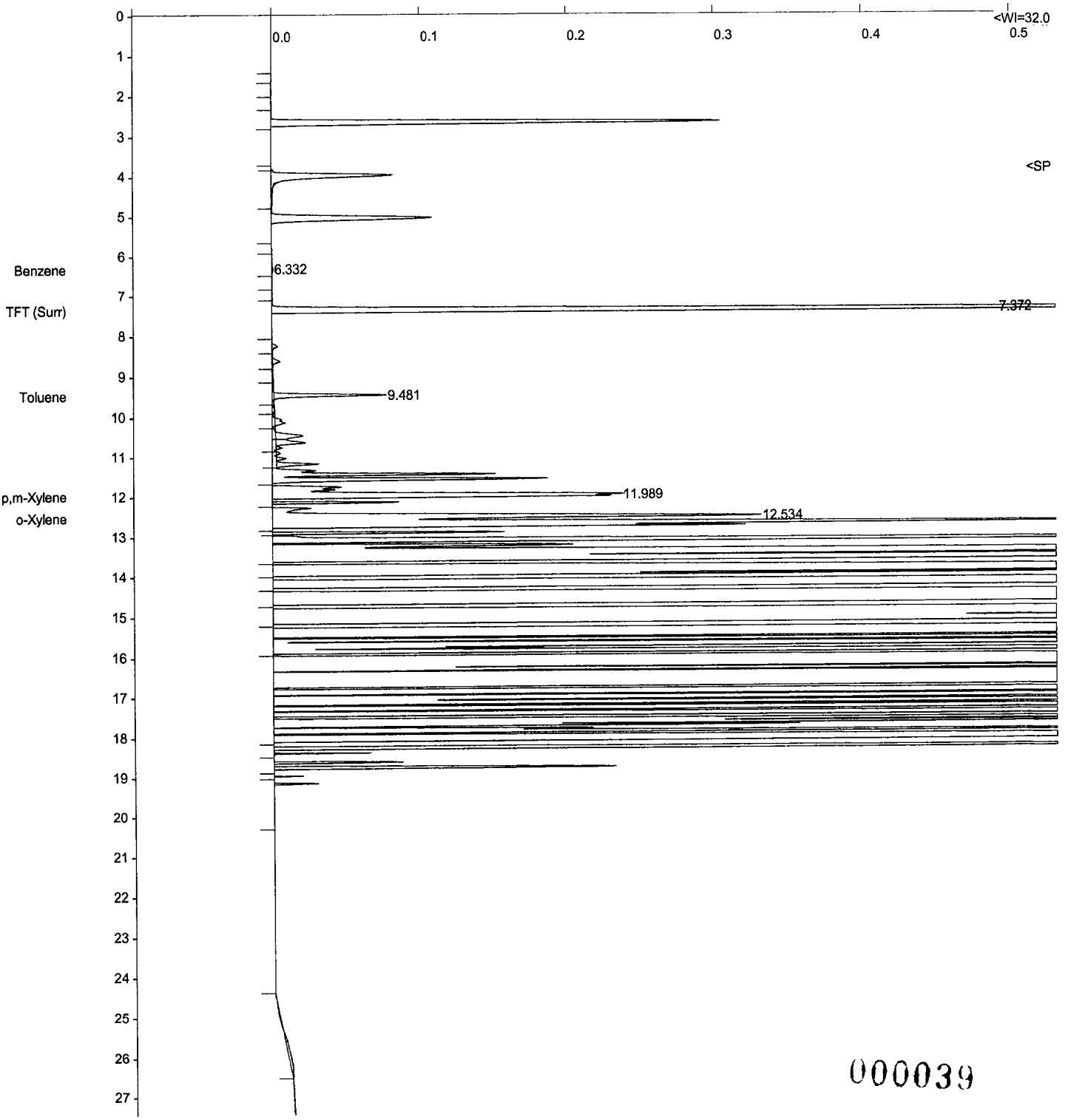
Injection Date: 12/5/2002 7:41 AM Calculation Date: 12/5/2002 8:09 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000039

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1013.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-054-5.0

Injection Date: 12/5/2002 7:41 AM Calculation Date: 12/5/2002 8:09 AM

Operator : LT Detector Type: 3800 (10 Volts)
Workstation: Bus Address : 44
Instrument : Varian Star #1 Sample Rate : 10.00 Hz
Channel : Front = FID Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.332	0.061	12567	TF	0.0	C*
2	TFT (Surr)	0.1678	7.372	0.031	4804042	VV	4.7	
3	Toluene	no result	9.481	0.044	312964	TF	0.0	C*
4	p,m-Xylene	0.0062	11.989	-0.048	2255168	VV	7.2	
5	o-Xylene	0.0064	12.534	0.009	1936292	VV	7.5	
	Totals:	0.1804		0.097	9321033			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 358941312 counts

Detected Peaks: 51 Rejected Peaks: 2 Identified Peaks: 5

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -43 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1014.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-055-5.0

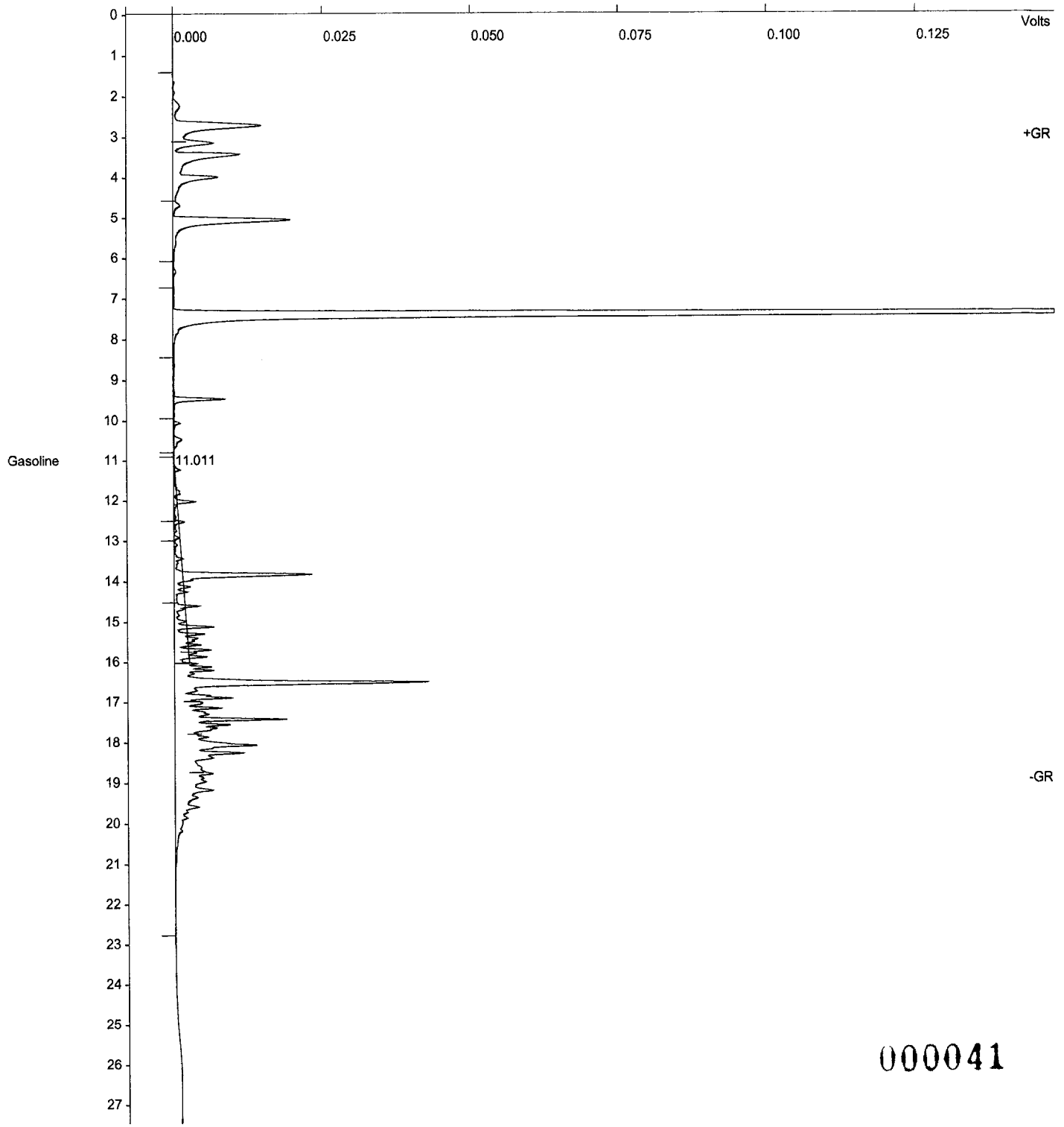
Injection Date: 12/5/2002 8:16 AM Calculation Date: 12/5/2002 8:44 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000041

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1014.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-055-5.0

Injection Date: 12/5/2002 8:16 AM Calculation Date: 12/5/2002 8:44 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3260	11.011	0.001	4480127	GR	0.0	
	Totals:	0.3260		0.001	4480127			

Total Unidentified Counts : 214070 counts

Detected Peaks: 16 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 11 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1014.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-055-5.0

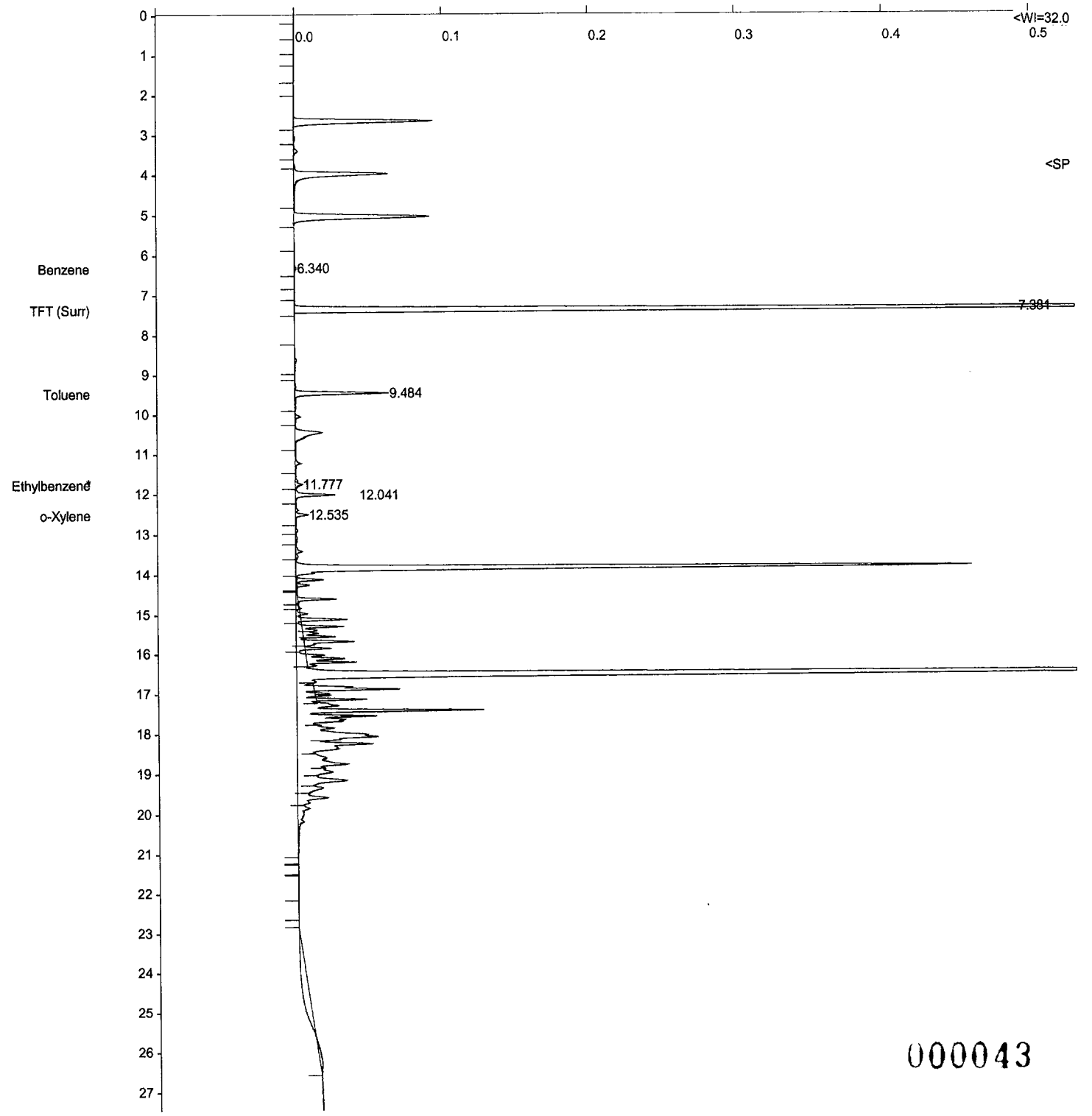
Injection Date: 12/5/2002 8:16 AM Calculation Date: 12/5/2002 8:44 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000043

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1014.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-055-5.0

Injection Date: 12/5/2002 8:16 AM Calculation Date: 12/5/2002 8:44 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID
Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.340	0.069	12088	TF	0.0	C*
2	TFT (Surr)	0.1457	7.381	0.040	4171250	VB	5.0	
3	Toluene	no result	9.484	0.047	285884	VV	4.1	C*
4	Ethylbenzene	no result	11.777	0.009	32955	VV	5.1	C*
5	p,m-Xylene	no result	12.041	0.004	115004	VV	3.9	C*
6	o-Xylene	no result	12.535	0.010	47659	VV	4.0	C*
	Totals:	0.1457		0.179	4664840			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 15536813 counts

Detected Peaks: 57 Rejected Peaks: 7 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -49 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1015.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-135

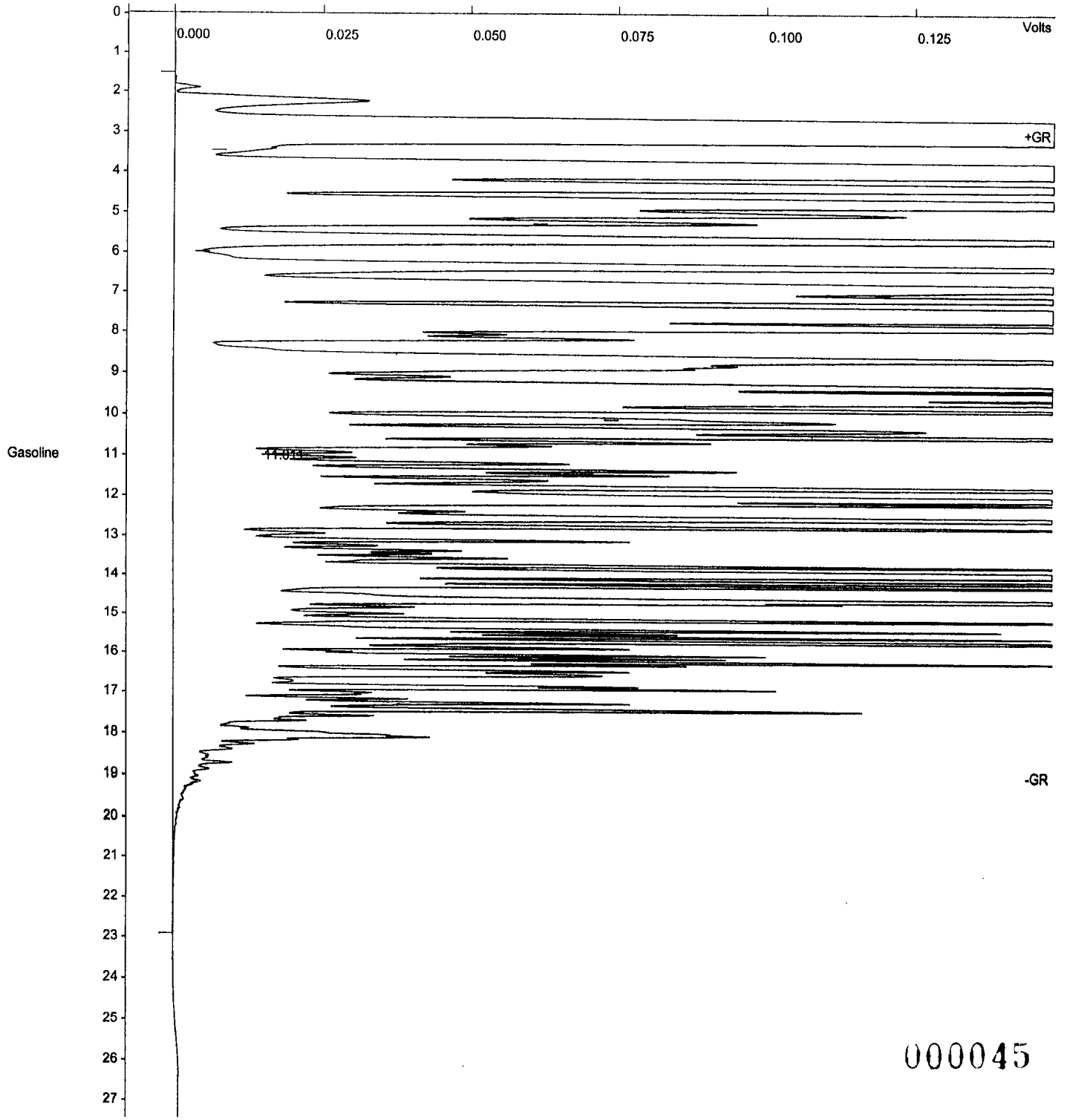
Injection Date: 12/5/2002 8:51 AM Calculation Date: 12/5/2002 9:19 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000045

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1015.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-135

Injection Date: 12/5/2002 8:51 AM Calculation Date: 12/5/2002 9:19 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.4930	11.011	0.001	103052128	GR	0.0	
	Totals:	4.4930		0.001	103052128			

Total Unidentified Counts : 16298355 counts

Detected Peaks: 18 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 13 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1015.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-135

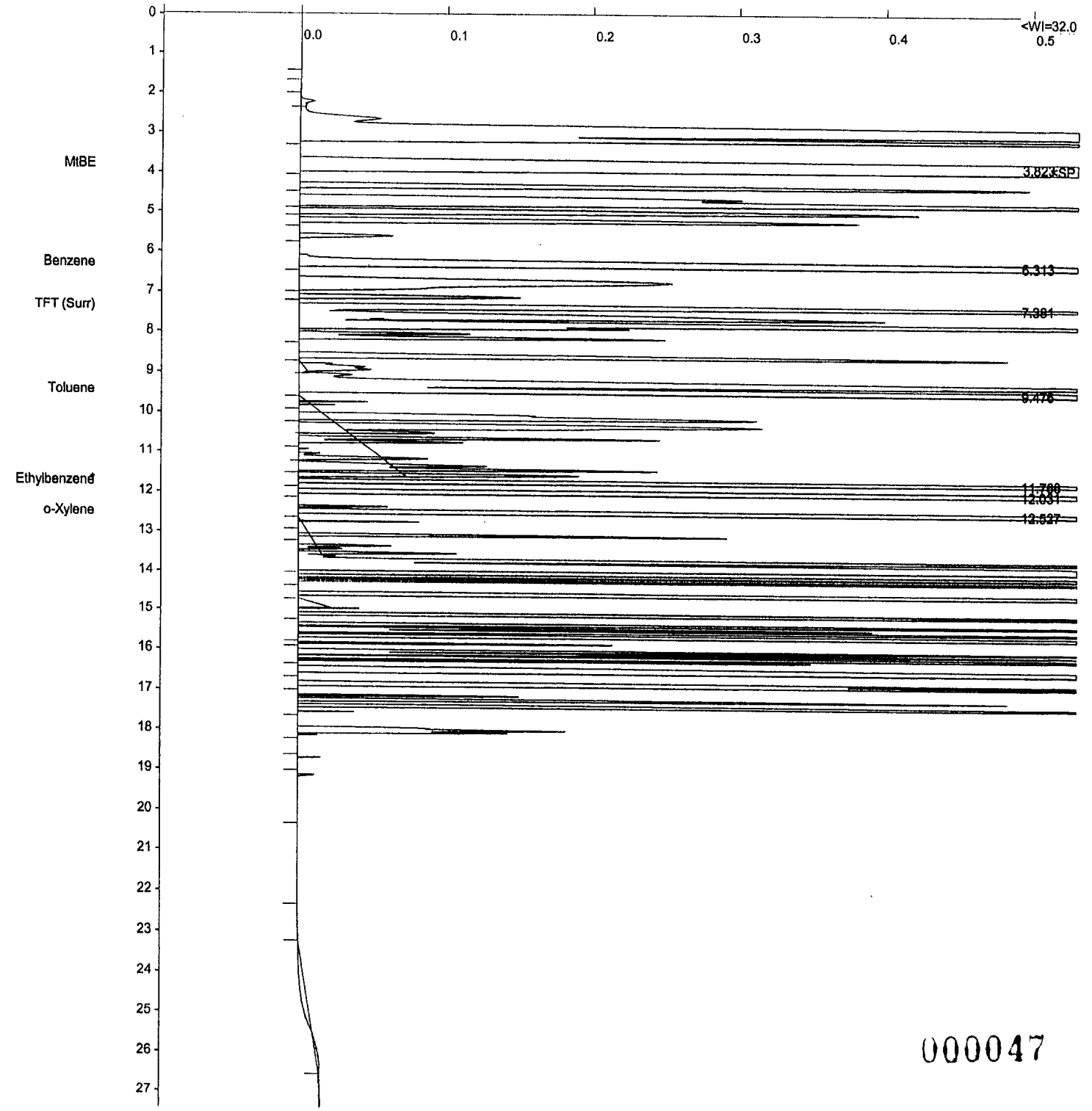
Injection Date: 12/5/2002 8:51 AM Calculation Date: 12/5/2002 9:19 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000047

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1015.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV GW-135

Injection Date: 12/5/2002 8:51 AM Calculation Date: 12/5/2002 9:19 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.3540	3.823	0.066	18077836	PV	0.0	C
2	Benzene	0.0699	6.313	0.042	10418996	VV	6.0	
3	TFT (Surr)	0.1465	7.381	0.040	4194331	VV	5.8	
4	Toluene	0.1984	9.476	0.039	37097836	VV	4.1	
5	Ethylbenzene	0.0626	11.766	-0.002	10421323	VV	3.6	
6	p,m-Xylene	0.1960	12.031	-0.006	34784076	VV	3.5	C
7	o-Xylene	0.0921	12.527	0.002	14397525	VV	3.5	
	Totals:	1.1195		0.181	129391923			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 160725328 counts

Detected Peaks: 56 Rejected Peaks: 2 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -44 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1018.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-056-5.0

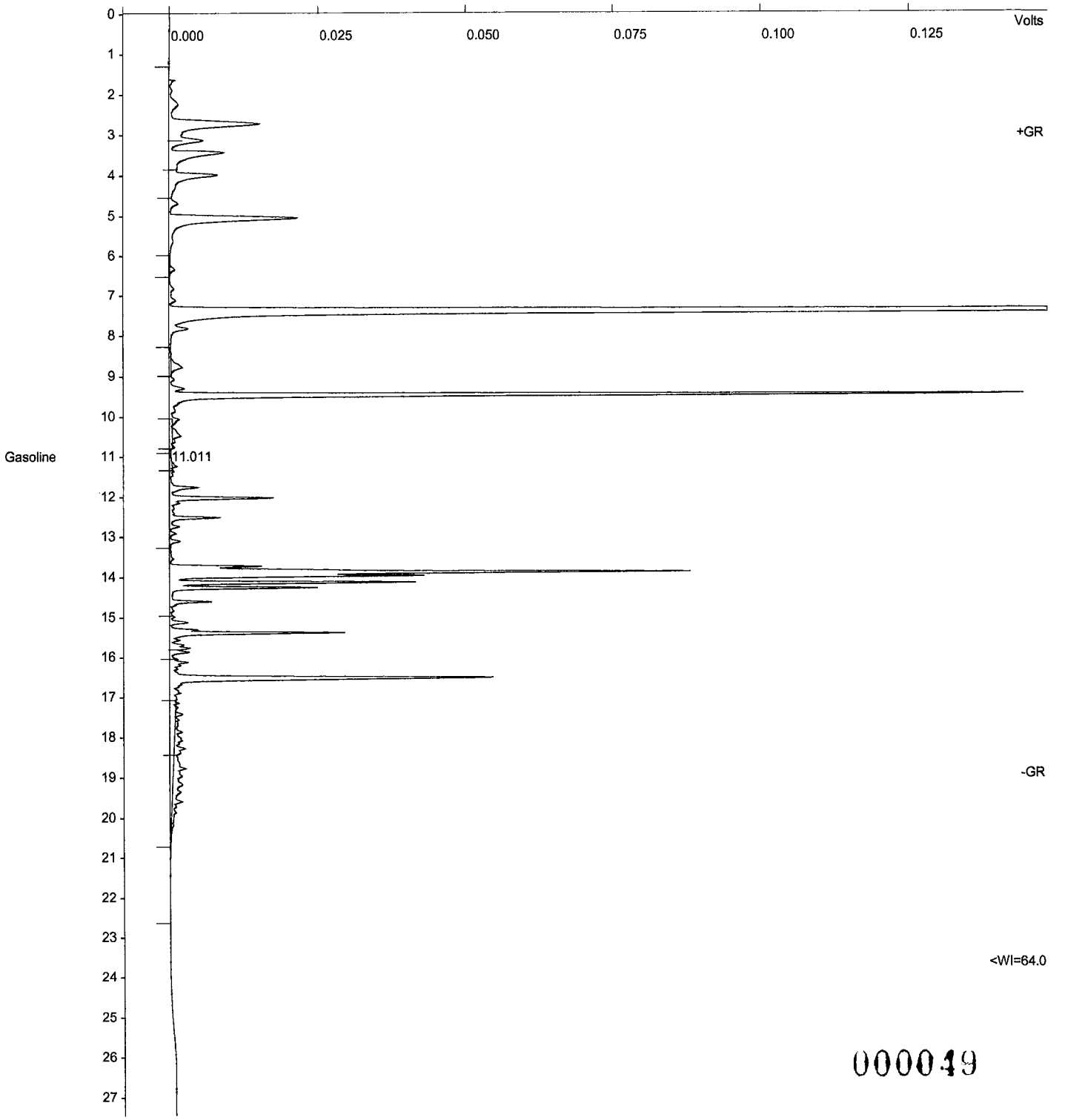
Injection Date: 12/5/2002 10:39 AM Calculation Date: 12/5/2002 11:06 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000049

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1018.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-056-5.0

Injection Date: 12/5/2002 10:39 AM Calculation Date: 12/5/2002 11:06 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.3602	11.011	0.001	5290093	GR	0.0	
	Totals:	0.3602		0.001	5290093			

Total Unidentified Counts : 234734 counts

Detected Peaks: 17 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -25 microVolts

Noise (used): 13 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1018.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-056-5.0

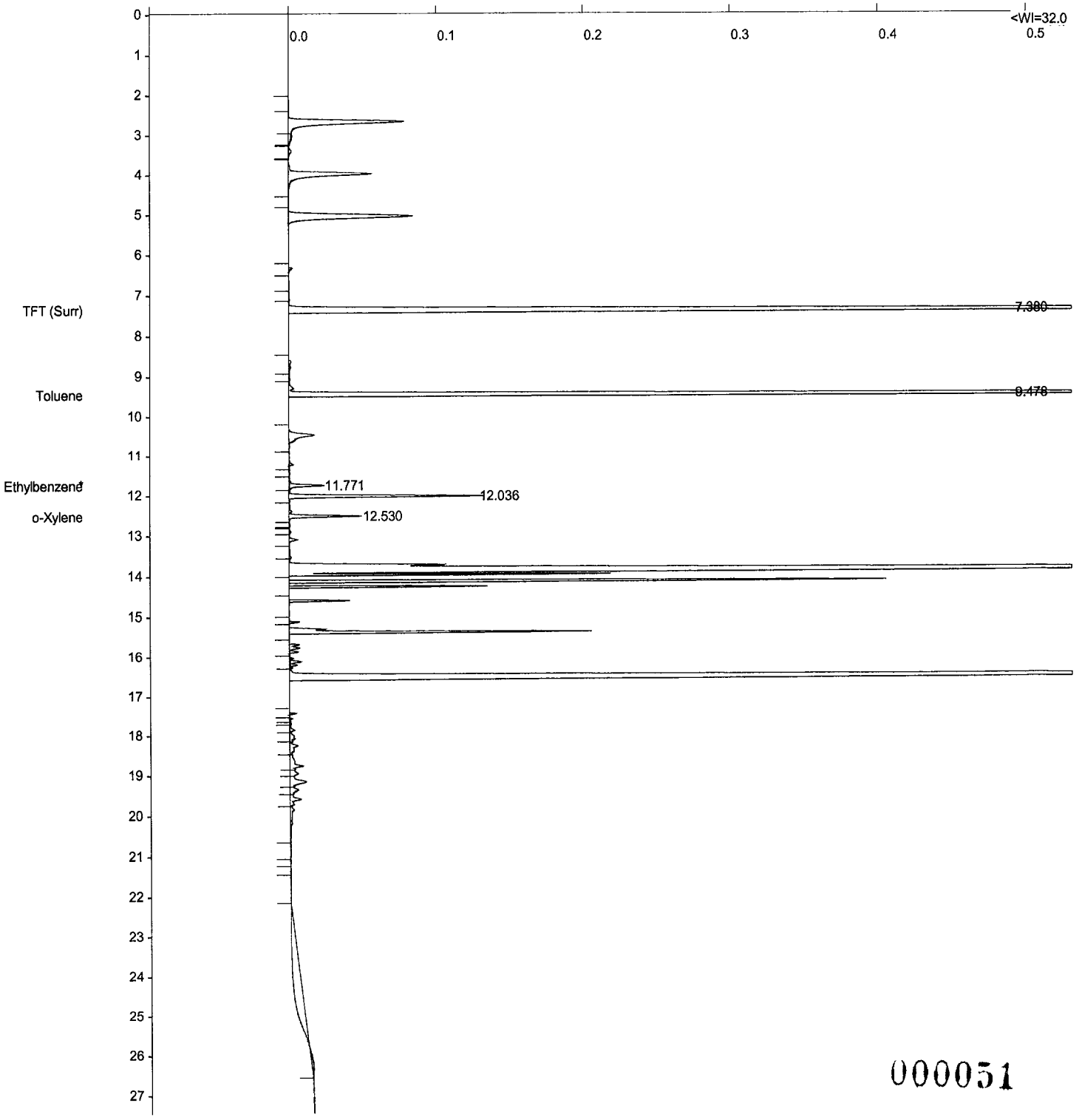
Injection Date: 12/5/2002 10:39 AM Calculation Date: 12/5/2002 11:06 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000051

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1018.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-056-5.0

Injection Date: 12/5/2002 10:39 AM Calculation Date: 12/5/2002 11:06 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	TFT (Surr)	0.1583	7.380	-0.016	4529387	VV	5.0	
2	Toluene	0.0187	9.478	0.041	4406361	VV	4.1	
3	Ethylbenzene	no result	11.771	0.003	79080	TF	0.0	C*
4	p,m-Xylene	no result	12.036	-0.001	450133	VV	3.5	C*
5	o-Xylene	no result	12.530	0.005	181007	VV	3.6	C*
	Totals:	0.1770		0.032	9645968			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 16295996 counts

Detected Peaks: 49 Rejected Peaks: 4 Identified Peaks: 5

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 0 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1019.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0

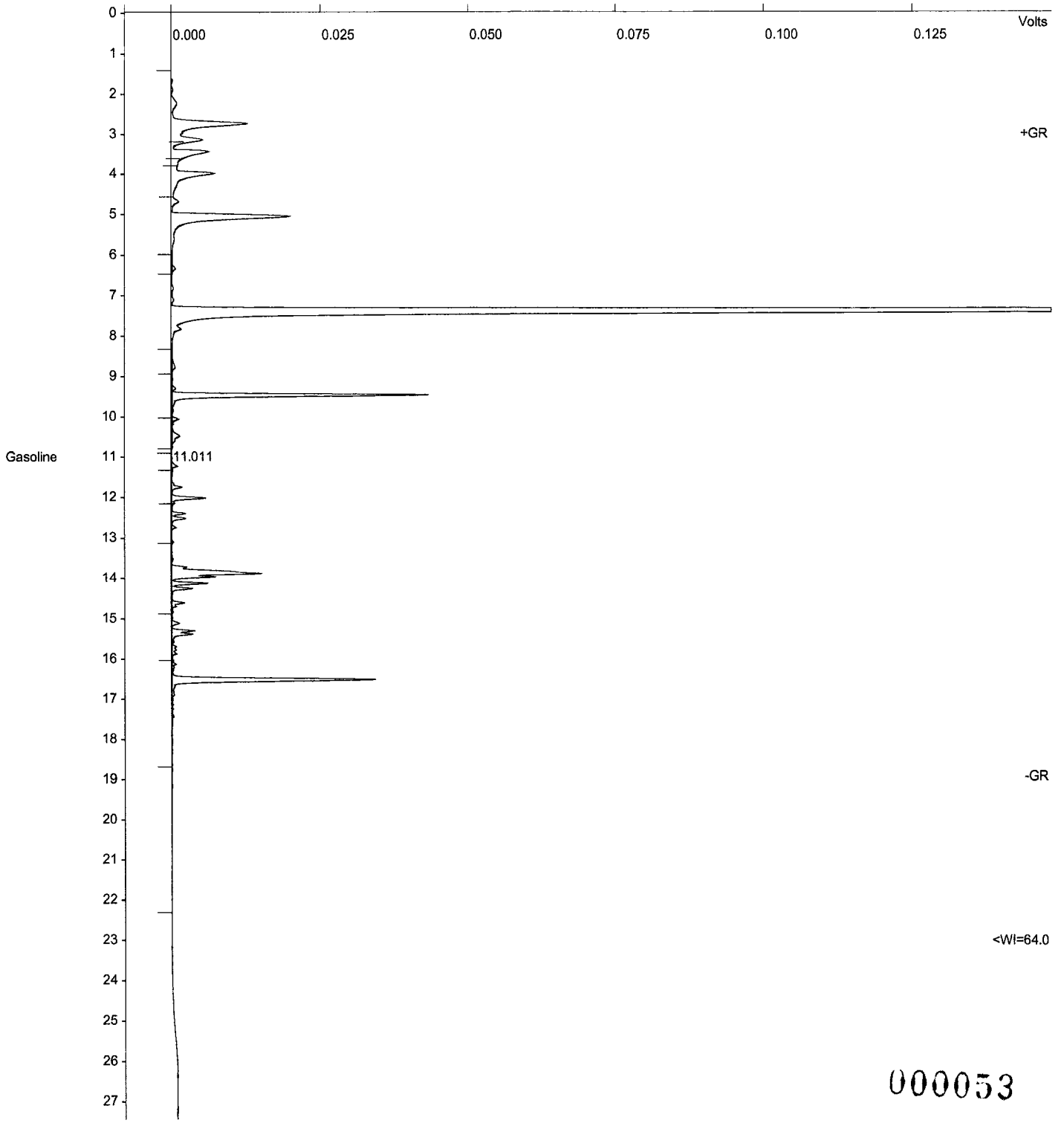
Injection Date: 12/5/2002 11:14 AM Calculation Date: 12/5/2002 11:41 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000053

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1019.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0

Injection Date: 12/5/2002 11:14 AM Calculation Date: 12/5/2002 11:41 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2742	11.011	0.001	3254812	GR	0.0	
	Totals:	0.2742		0.001	3254812			

Total Unidentified Counts : 195510 counts

Detected Peaks: 16 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -12 microVolts

Noise (used): 10 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1019.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0

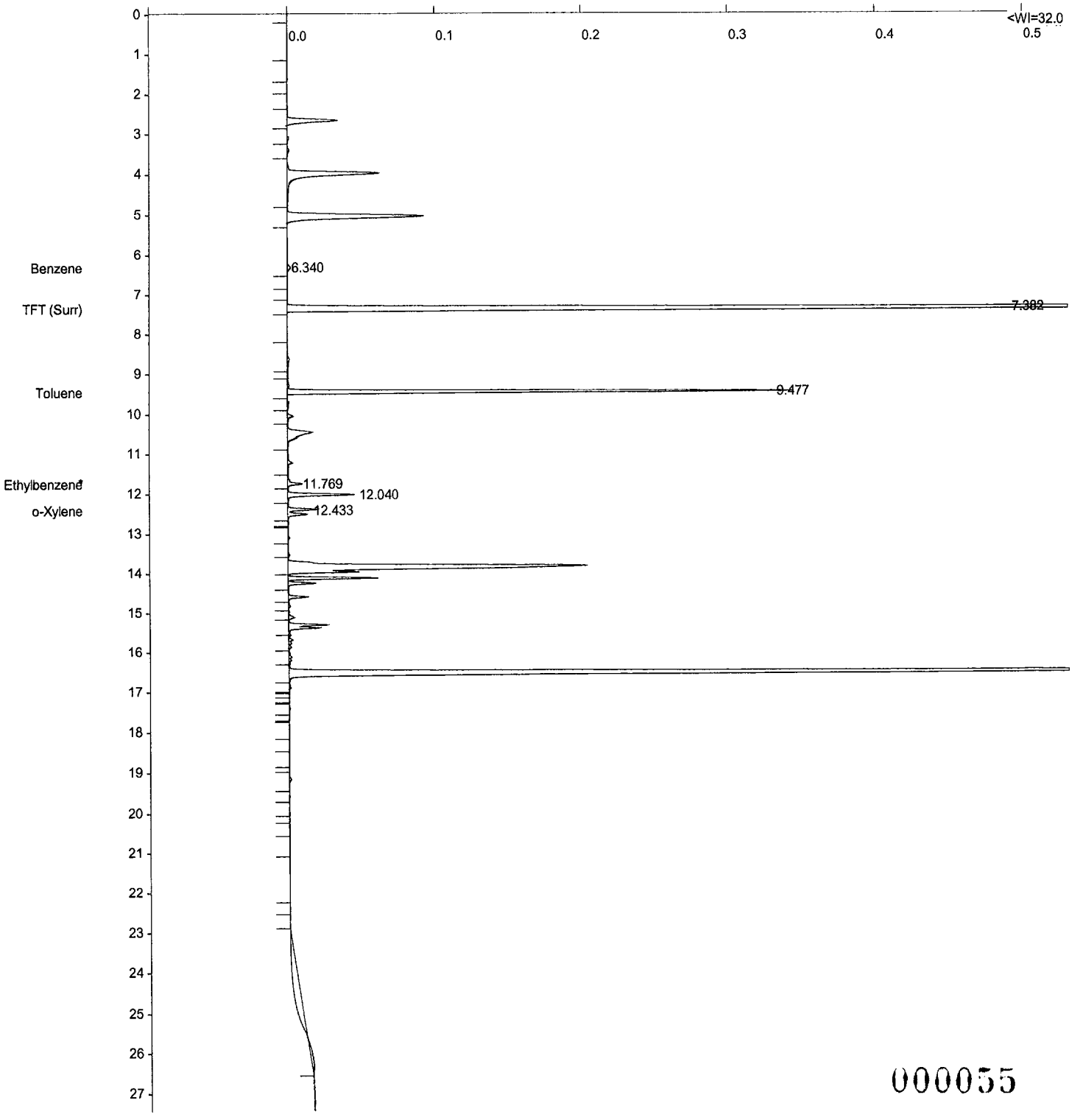
Injection Date: 12/5/2002 11:14 AM Calculation Date: 12/5/2002 11:41 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000055

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1019.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-057-5.0

Injection Date: 12/5/2002 11:14 AM Calculation Date: 12/5/2002 11:41 AM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Benzene	no result	6.340	0.069	21026	TF	0.0	C*
2	TFT (Surr)	0.1577	7.382	-0.015	4514623	VB	5.1	
3	Toluene	0.0018	9.477	0.040	1323535	VP	4.0	
4	Ethylbenzene	no result	11.769	0.001	45760	VV	0.0	C*
5	p,m-Xylene	no result	12.040	0.003	177918	VV	3.8	C*
6	o-Xylene	no result	12.433	-0.092	138837	VV	3.5	C*
	Totals:	0.1595		0.006	6221699			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 8007788 counts

Detected Peaks: 54 Rejected Peaks: 8 Identified Peaks: 6

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 41 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Run File : c:\star\module44\dec02\g14-12-5-2002-1025.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV-GW142

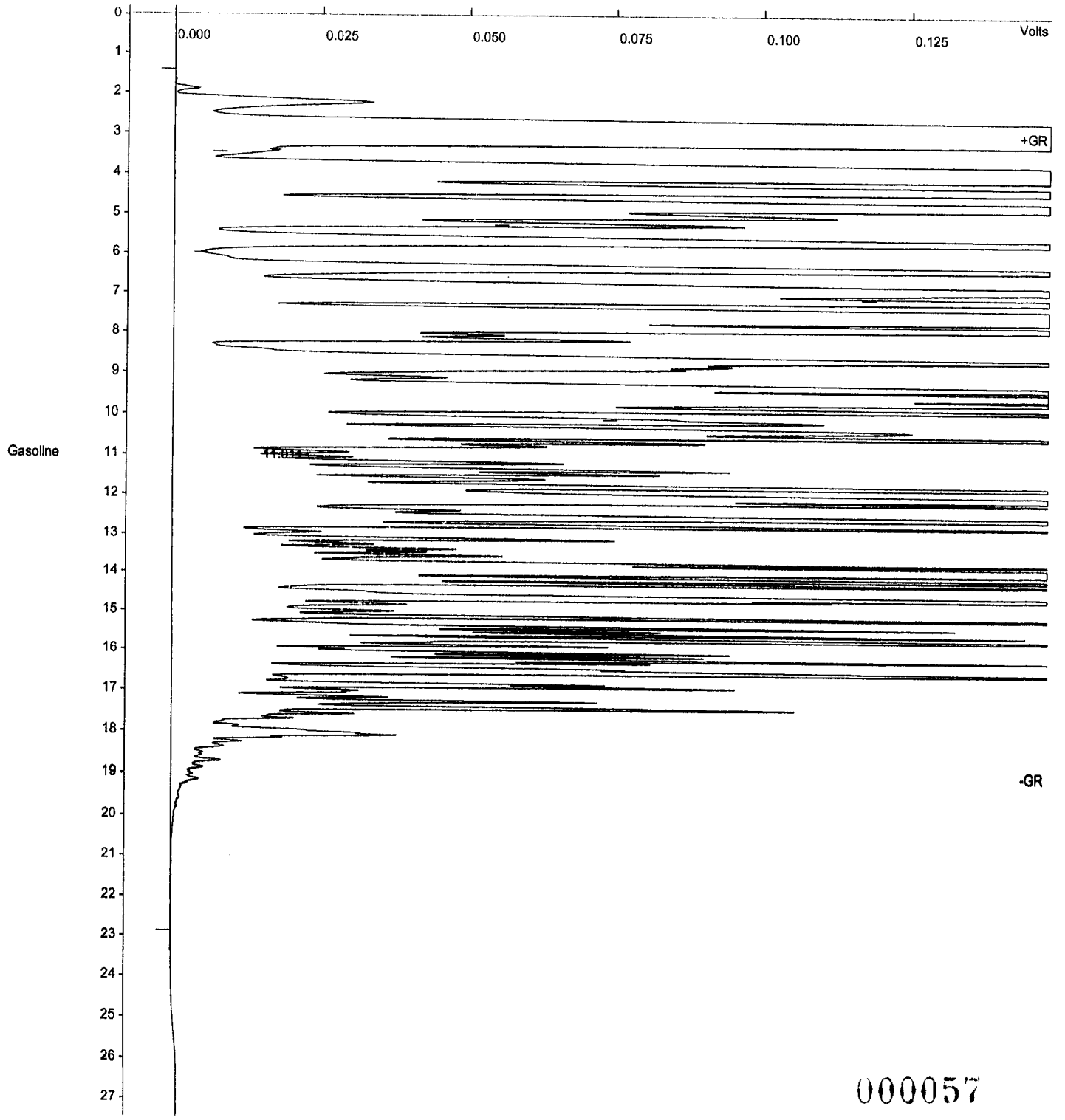
Injection Date: 12/5/2002 2:56 PM Calculation Date: 12/5/2002 3:23 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1025.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV-GW142

Injection Date: 12/5/2002 2:56 PM Calculation Date: 12/5/2002 3:23 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.4432	11.011	0.001	101875032	GR	0.0	
	Totals:	4.4432		0.001	101875032			

Total Unidentified Counts : 16147126 counts

Detected Peaks: 18 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -11 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1025.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV-GW142

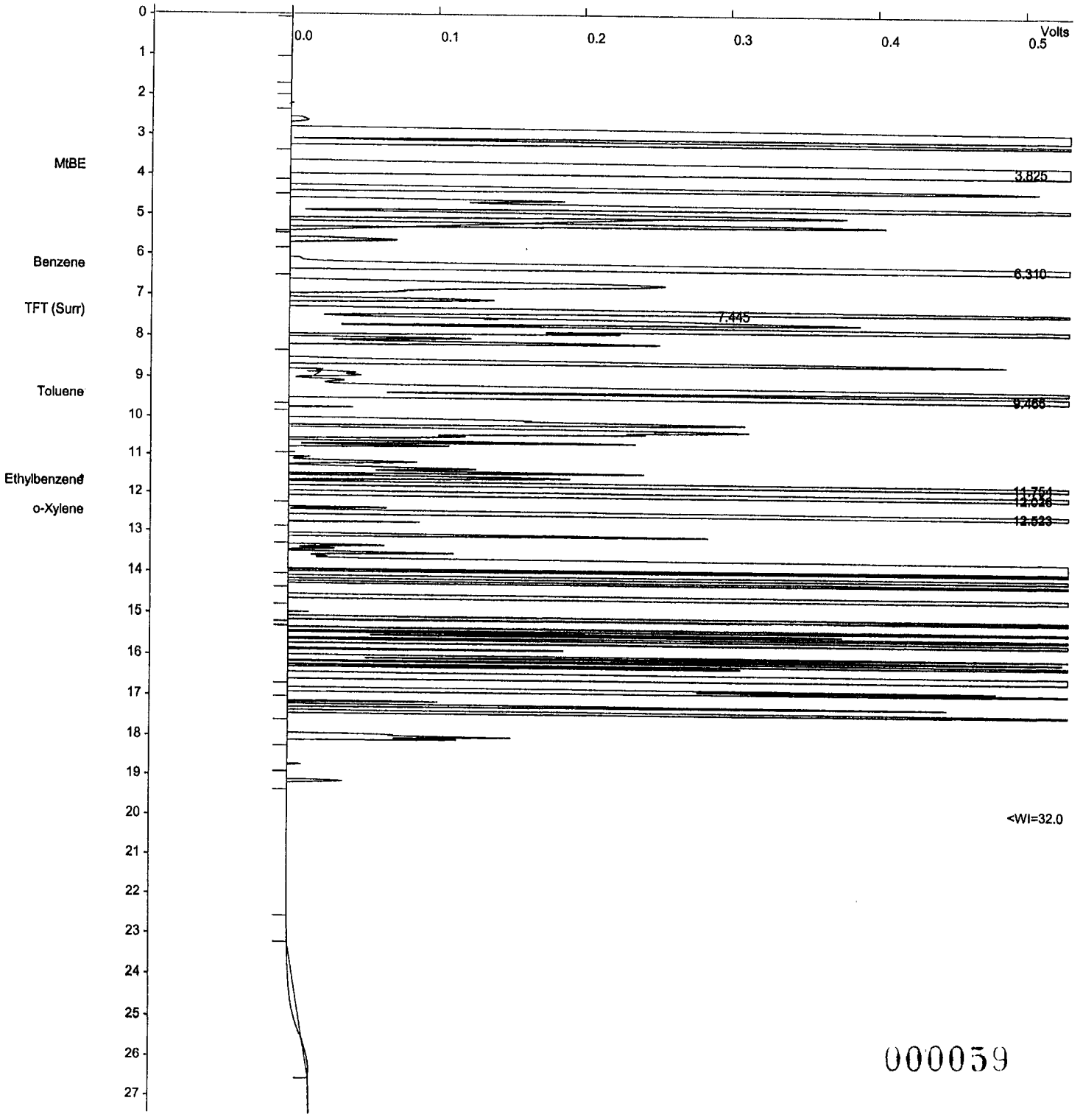
Injection Date: 12/5/2002 2:56 PM Calculation Date: 12/5/2002 3:23 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000059

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1025.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV-GW142

Injection Date: 12/5/2002 2:56 PM Calculation Date: 12/5/2002 3:23 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.5089	3.825	0.068	26144868	VV	11.6	C
2	Benzene	0.0698	6.310	0.039	10407925	VV	5.8	
3	TFT (Surr)	0.1713	7.445	0.048	4562956	VV	9.8	
4	Toluene	0.2166	9.466	0.029	40411476	VV	3.7	
5	Ethylbenzene	0.0270	11.754	-0.014	5149192	VV	2.9	
6	p,m-Xylene	0.2214	12.026	-0.010	39149144	VV	3.8	C
7	o-Xylene	0.0899	12.523	-0.002	14074646	VV	5.3	
	Totals:	1.3049		0.158	139900207			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 160405008 counts

Detected Peaks: 40 Rejected Peaks: 3 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -80 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1028.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-058-5.0

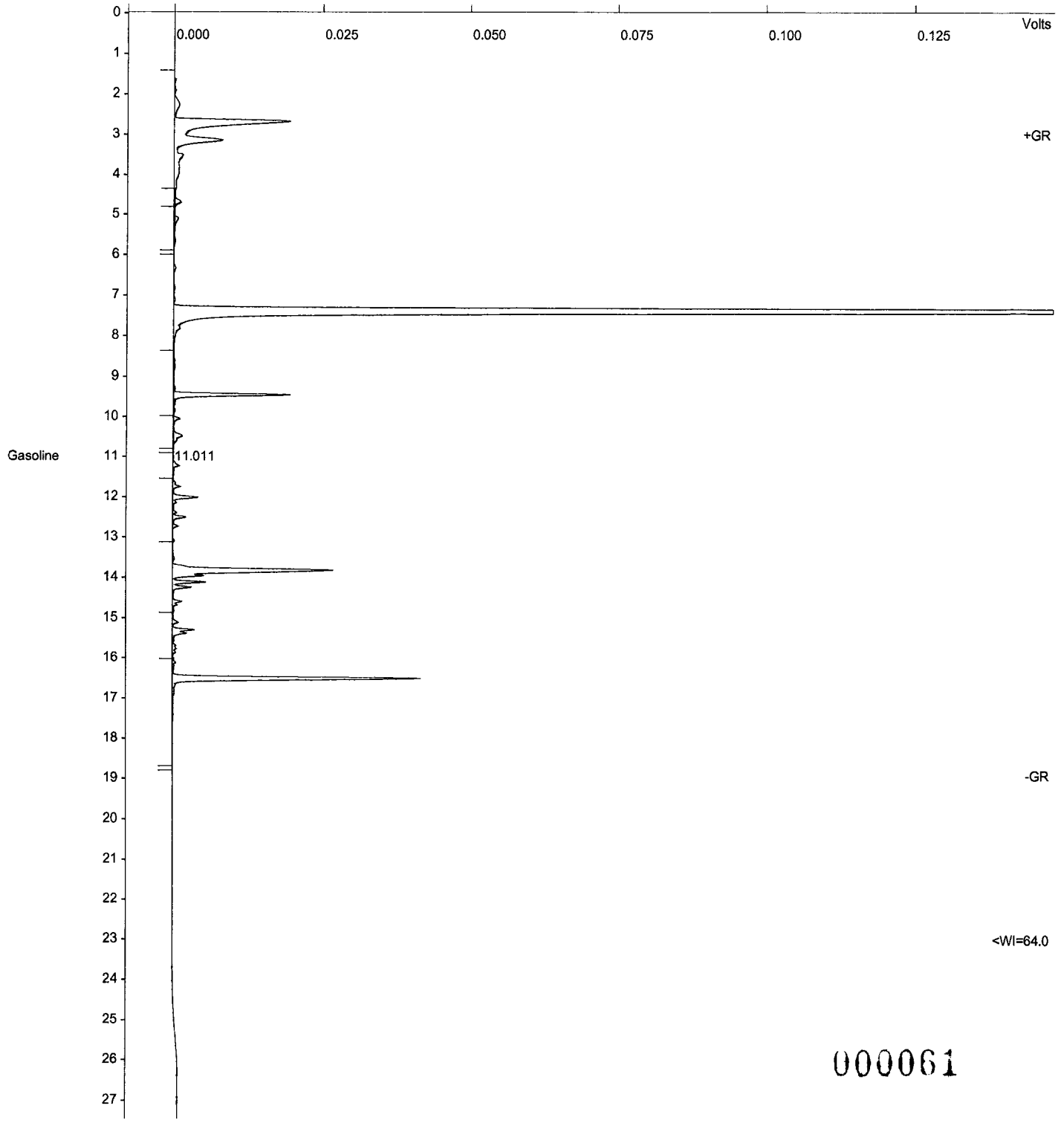
Injection Date: 12/5/2002 4:41 PM Calculation Date: 12/5/2002 5:09 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000061

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1028.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-058-5.0

Injection Date: 12/5/2002 4:41 PM Calculation Date: 12/5/2002 5:09 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2488	11.011	0.001	2653887	GR	0.0	
	Totals:	0.2488		0.001	2653887			

Total Unidentified Counts : 354007 counts

Detected Peaks: 11 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 0 microVolts

Noise (used): 12 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1028.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-058-5.0

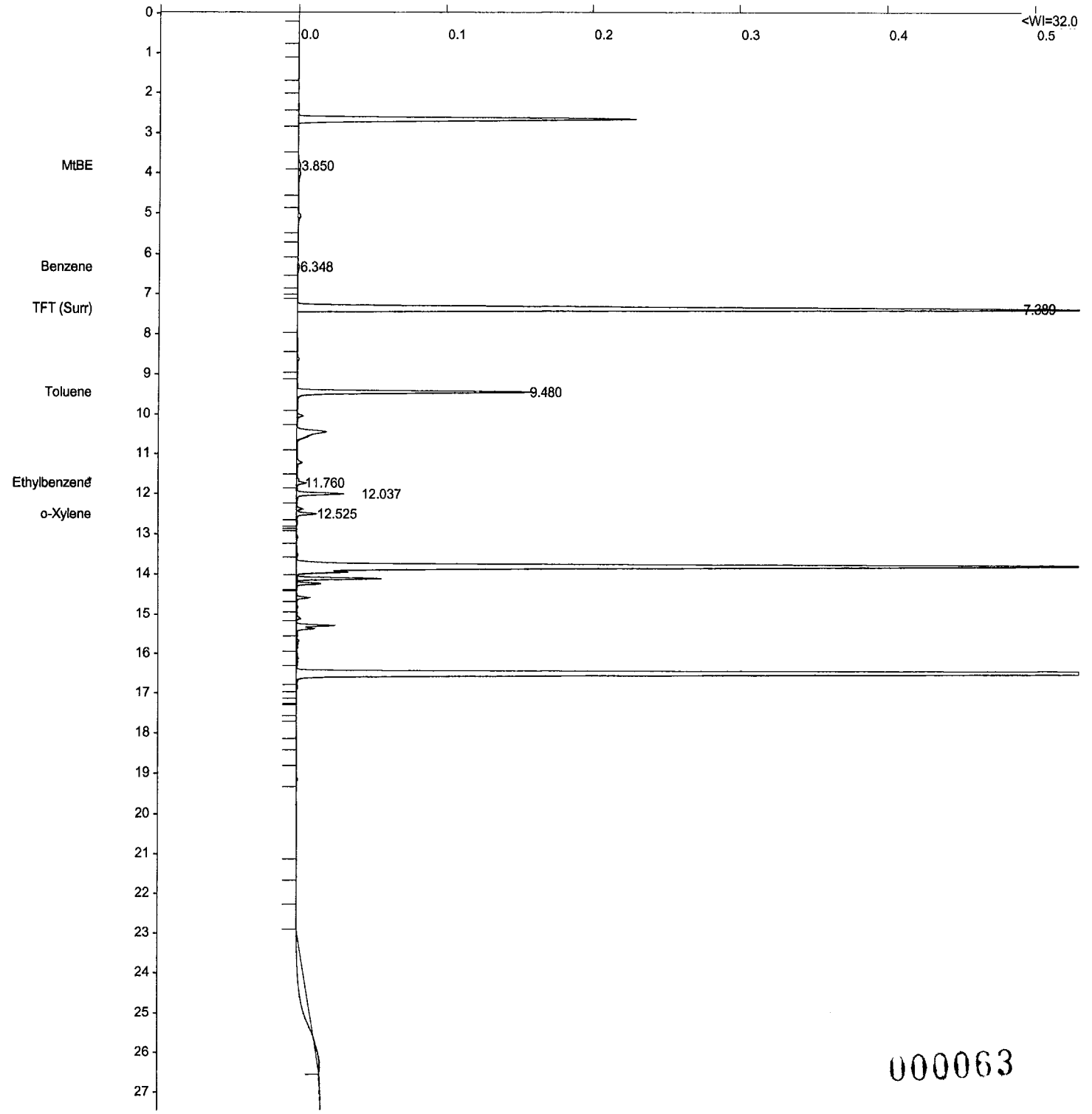
Injection Date: 12/5/2002 4:41 PM Calculation Date: 12/5/2002 5:09 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000063

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1028.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-058-5.0

Injection Date: 12/5/2002 4:41 PM Calculation Date: 12/5/2002 5:09 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.0073	3.850	0.093	19234	BV	13.2	
2	Benzene	no result	6.348	0.077	14384	VV	8.3	C*
3	TFT (Surr)	0.1110	7.389	-0.008	2957801	VP	5.4	
4	Toluene	no result	9.480	0.043	694572	VV	4.1	C*
5	Ethylbenzene	no result	11.760	-0.008	33355	VV	4.1	C*
6	p,m-Xylene	no result	12.037	-0.000	130278	VV	3.8	C*
7	o-Xylene	no result	12.525	0.000	86628	VV	3.7	C*
	Totals:	0.1183		0.197	3936252			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 10572900 counts

Detected Peaks: 53 Rejected Peaks: 10 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -83 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1029.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-059-5.0

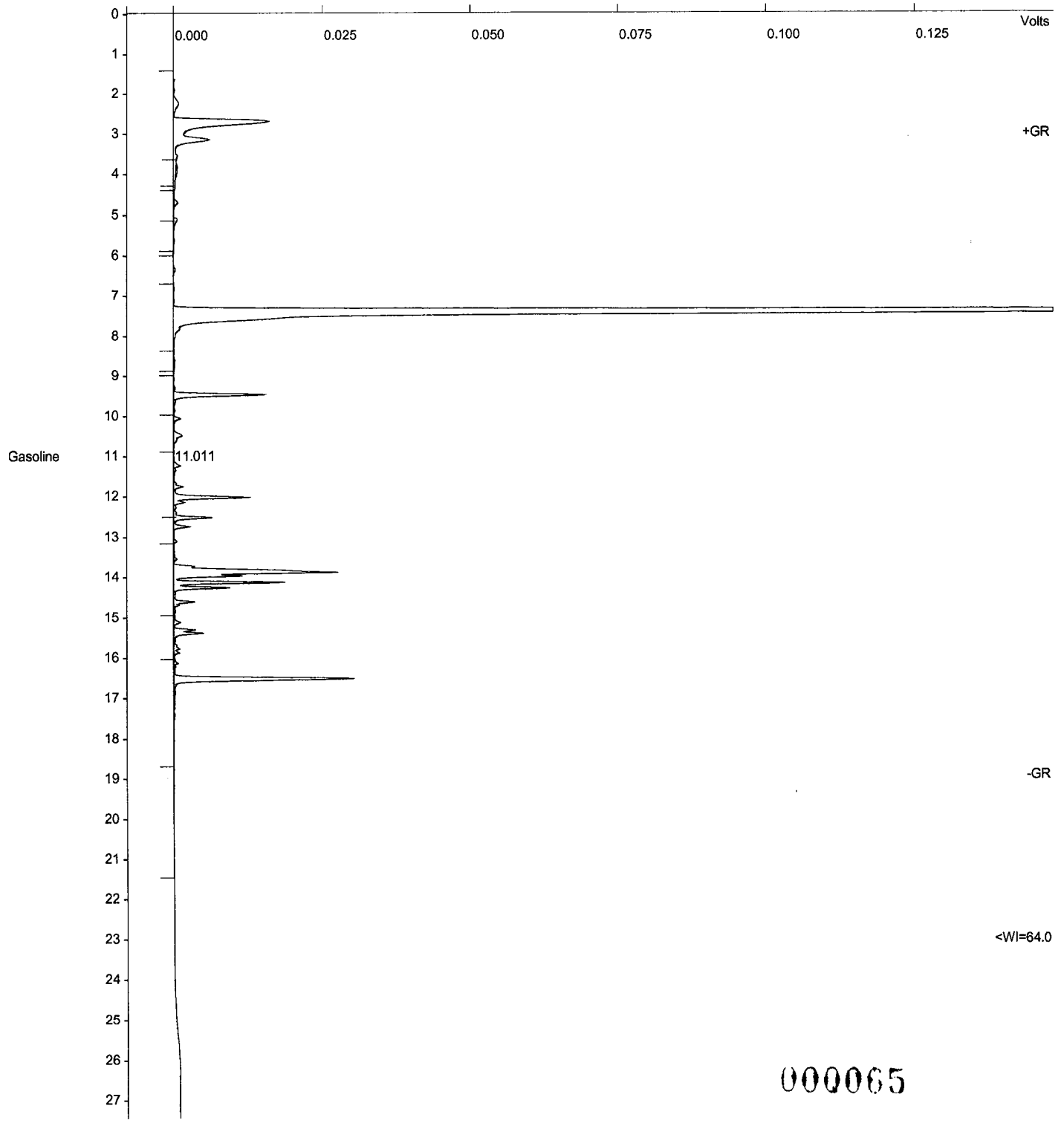
Injection Date: 12/5/2002 5:17 PM Calculation Date: 12/5/2002 5:44 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000065

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1029.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-059-5.0

Injection Date: 12/5/2002 5:17 PM Calculation Date: 12/5/2002 5:44 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2575	11.011	0.001	2860042	GR	0.0	
	Totals:	0.2575		0.001	2860042			

Total Unidentified Counts : 298631 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -7 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1029.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-059-5.0

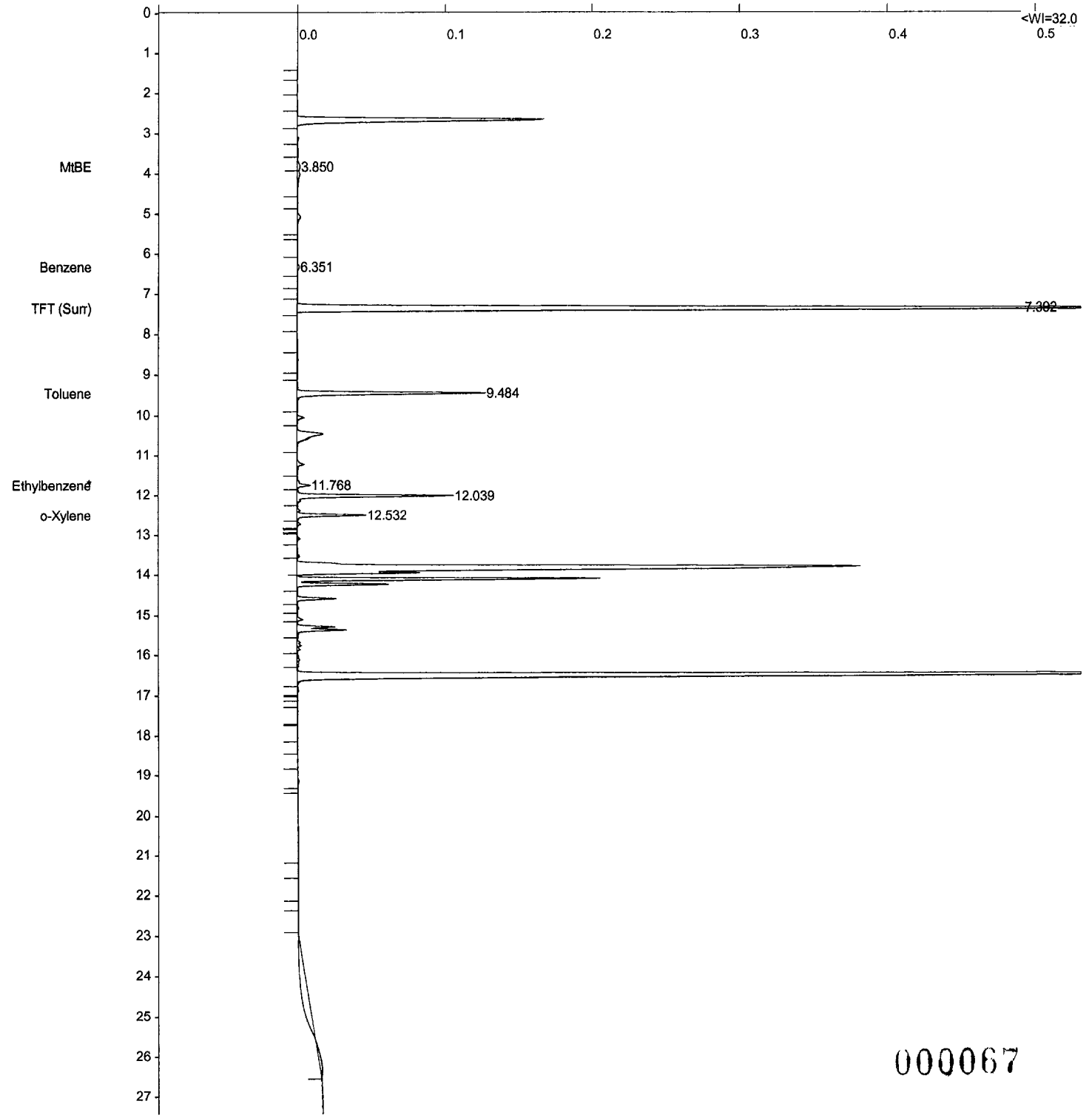
Injection Date: 12/5/2002 5:17 PM Calculation Date: 12/5/2002 5:44 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1029.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-059-5.0

Injection Date: 12/5/2002 5:17 PM Calculation Date: 12/5/2002 5:44 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.0074	3.850	0.093	25723	VV	0.0	
2	Benzene	no result	6.351	0.080	17249	VV	0.0	C*
3	TFT (Surr)	0.1255	7.392	-0.005	3344347	VB	5.1	
4	Toluene	no result	9.484	0.047	571230	VV	4.2	C*
5	Ethylbenzene	no result	11.768	-0.000	46391	VV	4.0	C*
6	p,m-Xylene	no result	12.039	0.002	421907	VV	3.9	C*
7	o-Xylene	no result	12.532	0.007	204936	VV	3.8	C*
	Totals:	0.1329		0.224	4631783			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 9303183 counts

Detected Peaks: 53 Rejected Peaks: 9 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -36 microVolts

Noise (used): 8 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1030.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-060-5.0

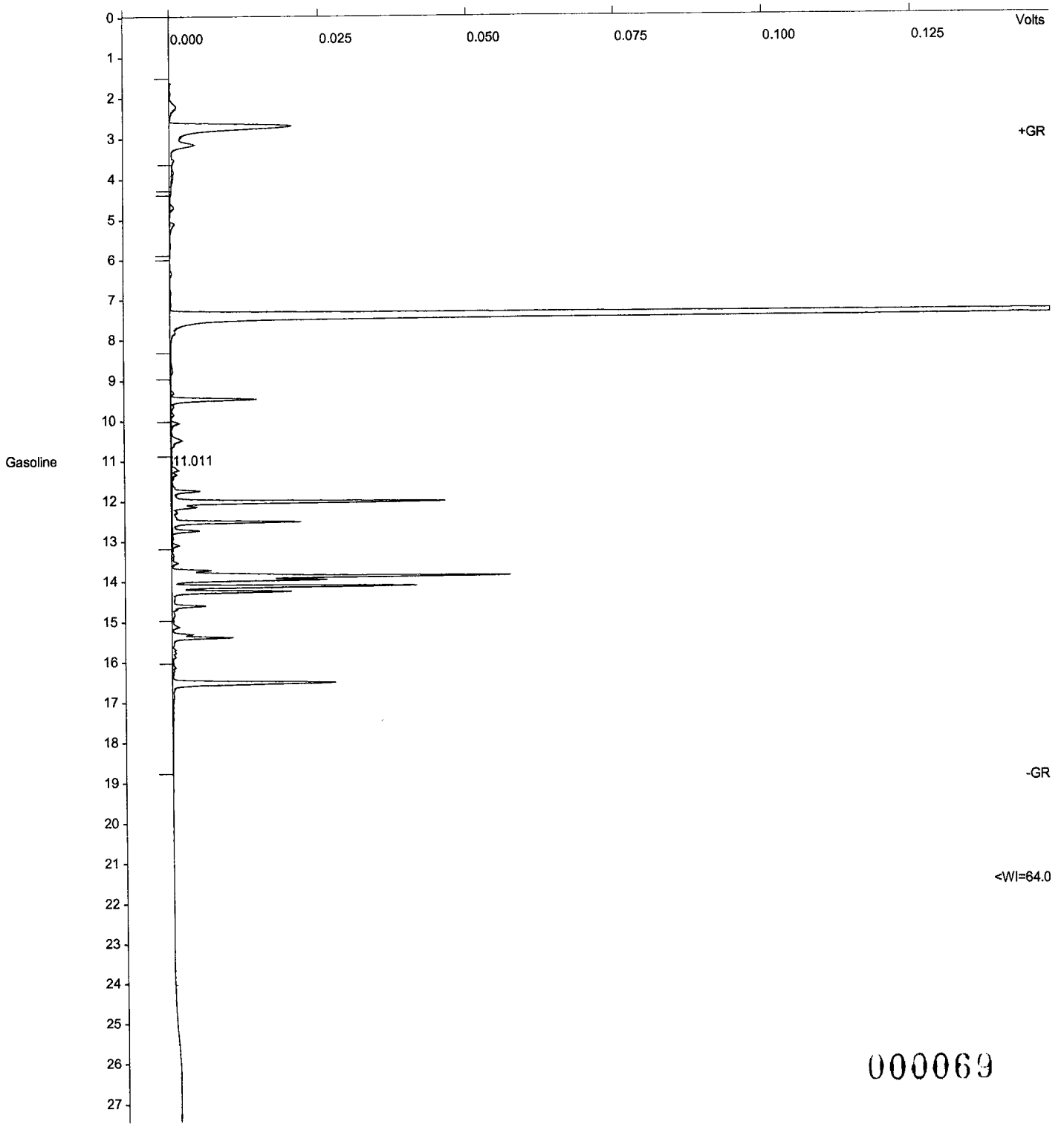
Injection Date: 12/5/2002 5:52 PM Calculation Date: 12/5/2002 6:19 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000069

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1030.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-060-5.0

Injection Date: 12/5/2002 5:52 PM Calculation Date: 12/5/2002 6:19 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	0.2759	11.011	0.001	3295491	GR	0.0	
	Totals:	0.2759		0.001	3295491			

Total Unidentified Counts : 319647 counts

Detected Peaks: 11 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -7 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1030.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-060-5.0

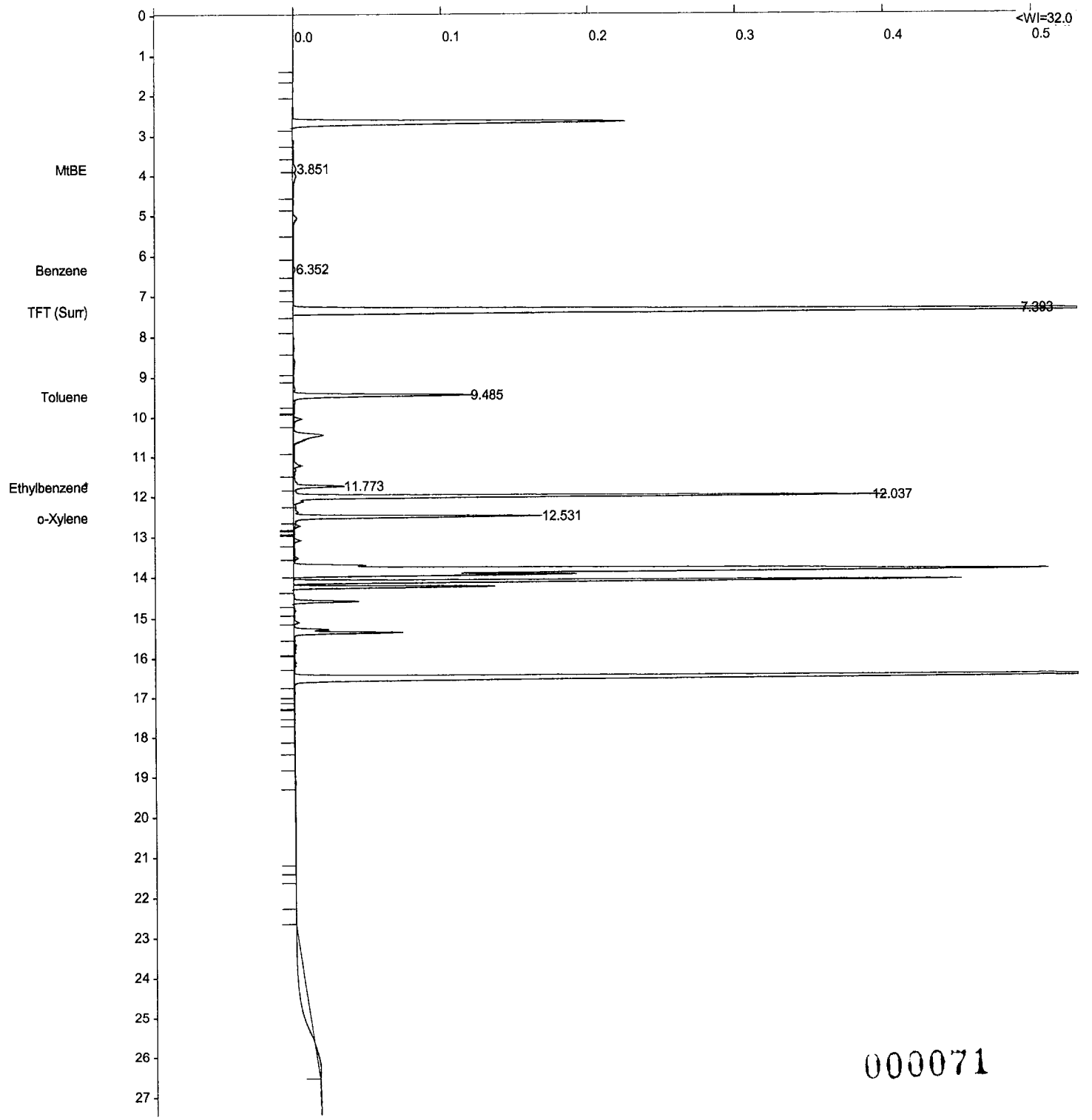
Injection Date: 12/5/2002 5:52 PM Calculation Date: 12/5/2002 6:19 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000071

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1030.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : 102995-060-5.0

Injection Date: 12/5/2002 5:52 PM Calculation Date: 12/5/2002 6:19 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.0074	3.851	0.094	27719	VV	0.0	
2	Benzene	no result	6.352	0.081	17638	VV	0.0	C*
3	TFT (Surr)	0.1388	7.393	-0.004	3697803	VB	5.2	
4	Toluene	no result	9.485	0.048	548076	VV	4.2	C*
5	Ethylbenzene	no result	11.773	0.005	146768	VV	3.7	C*
6	p,m-Xylene	0.0019	12.037	0.000	1529909	VV	3.8	
7	o-Xylene	no result	12.531	0.006	660712	VV	3.8	C*
	Totals:	0.1481		0.230	6628625			

Status Codes:
* - No result could be calculated; check calibration curve
C - Out of calibration range

Total Unidentified Counts : 11586393 counts

Detected Peaks: 53 Rejected Peaks: 10 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -70 microVolts

Noise (used): 9 microVolts - monitored before this run

Manual injection

Data Handling: At Least One Curve has Improper Solution!
Calib. out of range; No Recovery Action Specified

****

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1031.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV-GW142

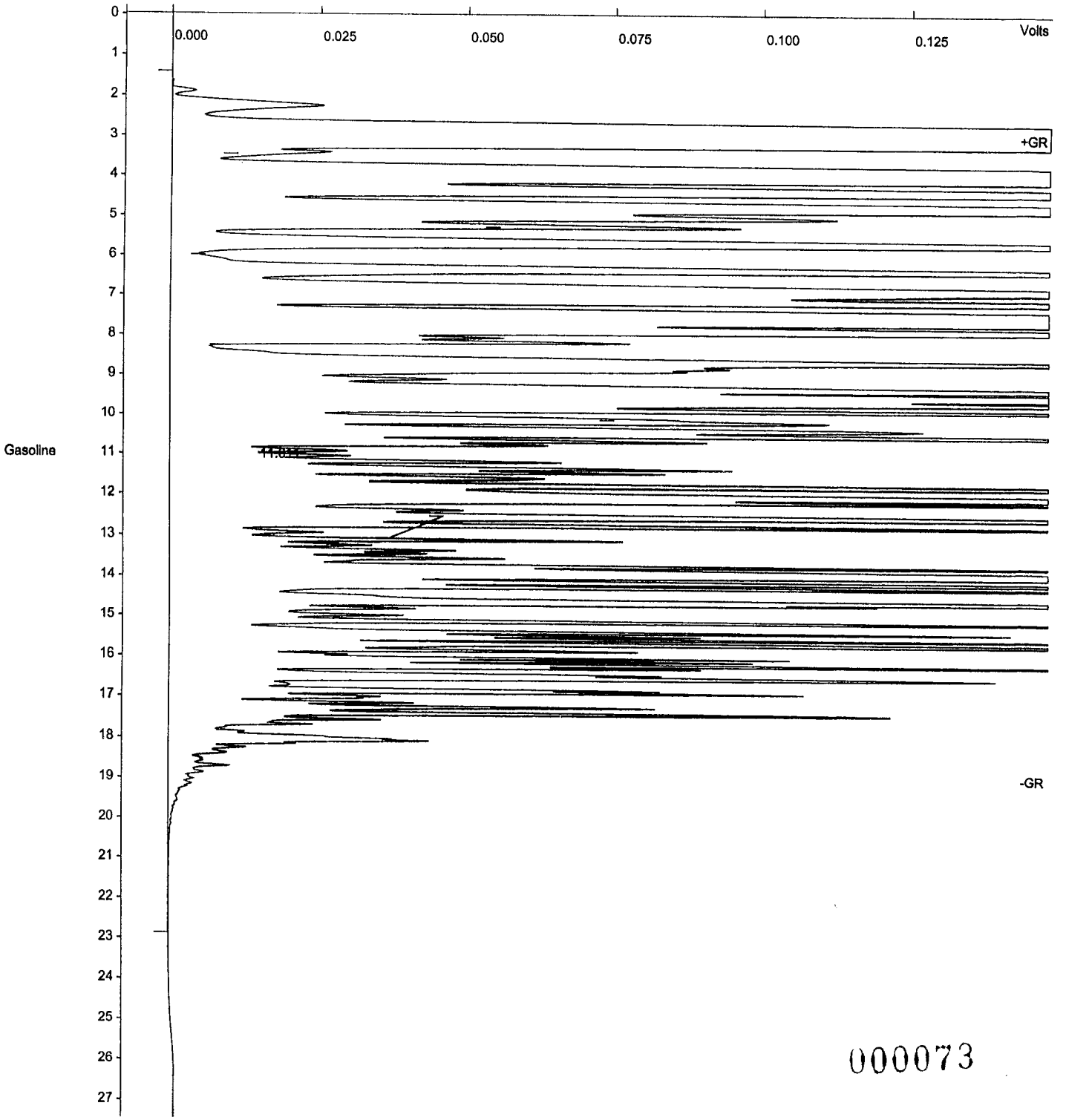
Injection Date: 12/5/2002 6:27 PM Calculation Date: 12/5/2002 6:54 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 64 Zero Offset = 5%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



000073

Title : Gasoline by FID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1031.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV-GW142

Injection Date: 12/5/2002 6:27 PM Calculation Date: 12/5/2002 6:54 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Middle = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	Gasoline	4.5139	11.011	0.001	103547576	GR	0.0	
	Totals:	4.5139		0.001	103547576			

Total Unidentified Counts : 16525954 counts

Detected Peaks: 19 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -9 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

****

Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1031.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV-GW142

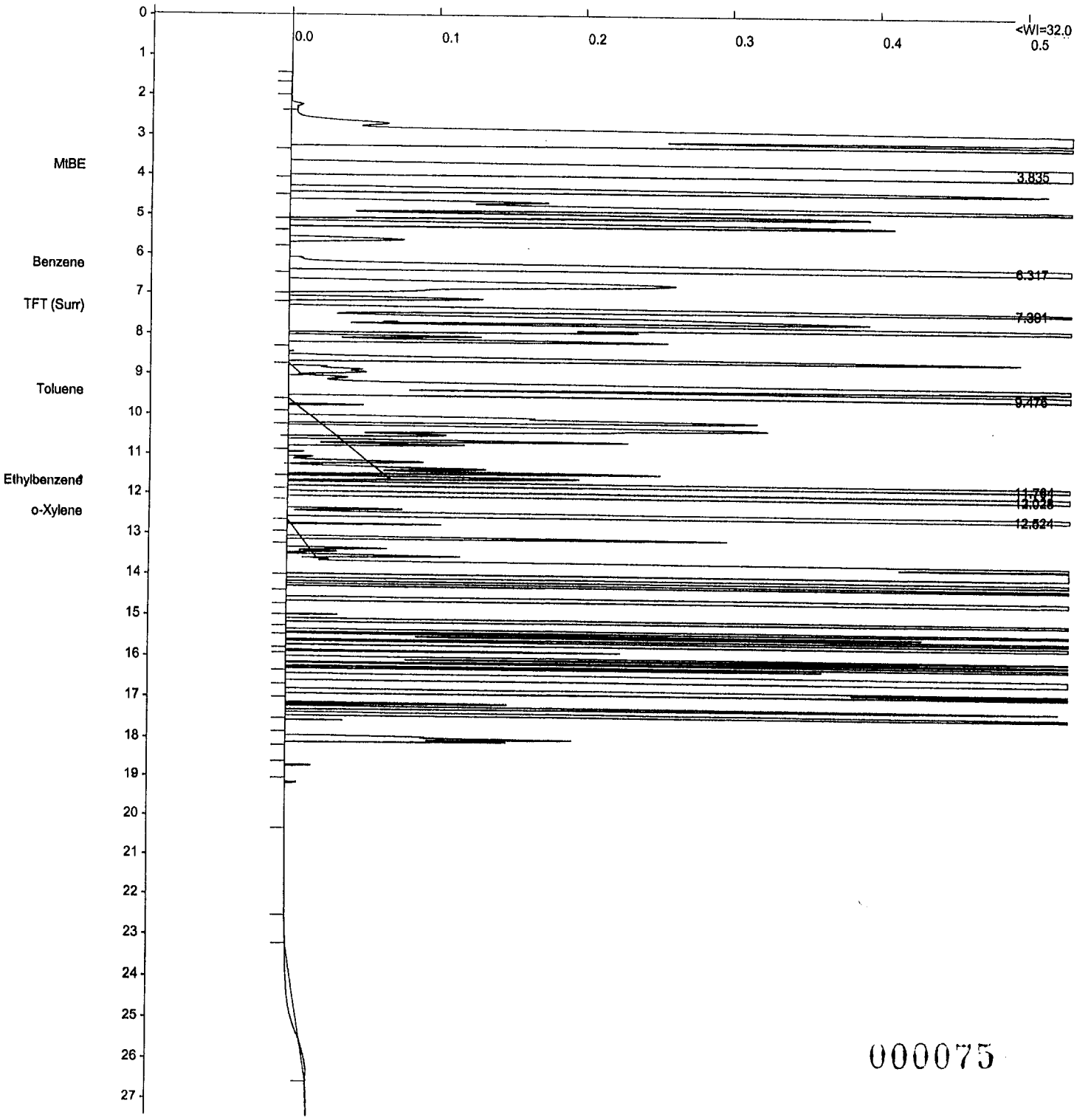
Injection Date: 12/5/2002 6:27 PM Calculation Date: 12/5/2002 6:54 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Chart Speed = 0.72 cm/min Attenuation = 256 Zero Offset = 15%
Start Time = 0.000 min End Time = 27.473 min Min / Tick = 1.0(



Title : MTBE/BTEX by PID GC#14
Run File : c:\star\module44\dec02\g14-12-5-2002-1031.run
Method File : C:\Star\module44\G14METHOD\gbtx02-1120.mth
Sample ID : GCCV-GW142

Injection Date: 12/5/2002 6:27 PM Calculation Date: 12/5/2002 6:54 PM

Operator : LT
Workstation:
Instrument : Varian Star #1
Channel : Front = FID

Detector Type: 3800 (10 Volts)
Bus Address : 44
Sample Rate : 10.00 Hz
Run Time : 27.473 min

** Star Chromatography Workstation Version 5.50 ** 00963-2068-5cf-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (ppm)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Status Codes
1	MtBE	0.5292	3.835	0.078	27203974	PV	11.7	C
2	Benzene	0.0710	6.317	0.046	10586844	VV	5.9	
3	TFT (Surr)	0.1407	7.391	-0.006	3747822	VV	5.8	
4	Toluene	0.2008	9.476	0.039	37522724	VV	4.2	
5	Ethylbenzene	0.0639	11.764	-0.004	10608308	VV	3.7	
6	p,m-Xylene	0.1909	12.028	-0.009	33920380	VV	3.4	C
7	o-Xylene	0.0946	12.524	-0.001	14754337	VV	3.5	
	Totals:	1.2911		0.143	138344389			

Status Codes:
C - Out of calibration range

Total Unidentified Counts : 169515840 counts

Detected Peaks: 56 Rejected Peaks: 1 Identified Peaks: 7

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -69 microVolts

Noise (used): 11 microVolts - monitored before this run

Manual injection

Calib. out of range; No Recovery Action Specified

****

EPA 8015:

Carbon Chain I

****

Varian Star Workstation - 8200 SampleList Thu Dec 05 08:57:29 2002

SampleList: C:\Star\INSTRUMENT 2 - GC 9\DATA - GC 9\dec02\1204.SMP

Created: Wed Dec 04 10:28:07 2002
Modified: Thu Dec 05 08:57:19 2002

****

Line	Sample Name	Rack	Vial	Injection Volume	Multiplier	Divisor
1	dccv-gw144	1	1	3.0	1	1
2	goccv-gw145	1	2	3.0	1	1
3	mb1204-10-10	1	3	3.0	1	1
4	lcs1204-10-10	1	4	3.0	1	1
5	lcsd1204-10-10	1	5	3.0	1	1
6	102992-033-10-10	1	6	3.0	1	1
7	102992-034-10-10	1	7	3.0	1	1
8	102992-035-10-10	1	8	3.0	1	1
9	102992-036-10-10	1	9	3.0	1	1
10	102992-037-10-10	1	10	3.0	1	1
11	102992-038-10-10	1	11	3.0	1	1
12	102992-039-10-10	1	12	3.0	1	1
13	dccv-gw153	1	1	3.0	1	1
14	goccv-gw145	1	2	3.0	1	1
15	102992-040-10-10	2	1	3.0	1	1
16	102992-041-10-10	2	2	3.0	1	1
17	102992-042-10-10	2	3	3.0	1	1
18	102992-043-10-10	2	4	3.0	1	1
19	mb1204-10-10	1	3	3.0	1	1
20	lcs1204-10-10	1	4	3.0	1	1
21	lcsd1204-10-10	1	5	3.0	1	1
22	102995-051-10-10	2	5	3.0	1	1
23	102995-052-10-10	2	6	3.0	1	1
24	102995-053-10-10	2	7	3.0	1	1
25	dccv-gw153	1	1	3.0	1	1
26	goccv-gw145	1	2	3.0	1	1
27	102995-054-10-10	2	8	3.0	1	1
28	102995-055-10-10	2	9	3.0	1	1
29	102995-056-10-10	2	10	3.0	1	1
30	102995-057-10-10	2	11	3.0	1	1
31	102995-058-10-10	2	12	3.0	1	1
32	102995-059-10-10	3	1	3.0	1	1

33	102995-060-10-10	3	2	3.0	1	1

Directory for Data Files: c:\star\instrument 2 - gc 9\data - gc 9\dec02

Data File Names: g9-%d-%i

Create and update a new RecalcList: c:\star\instrument 2 - gc 9\data - gc 9\dec02\1204.rcl.

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw153

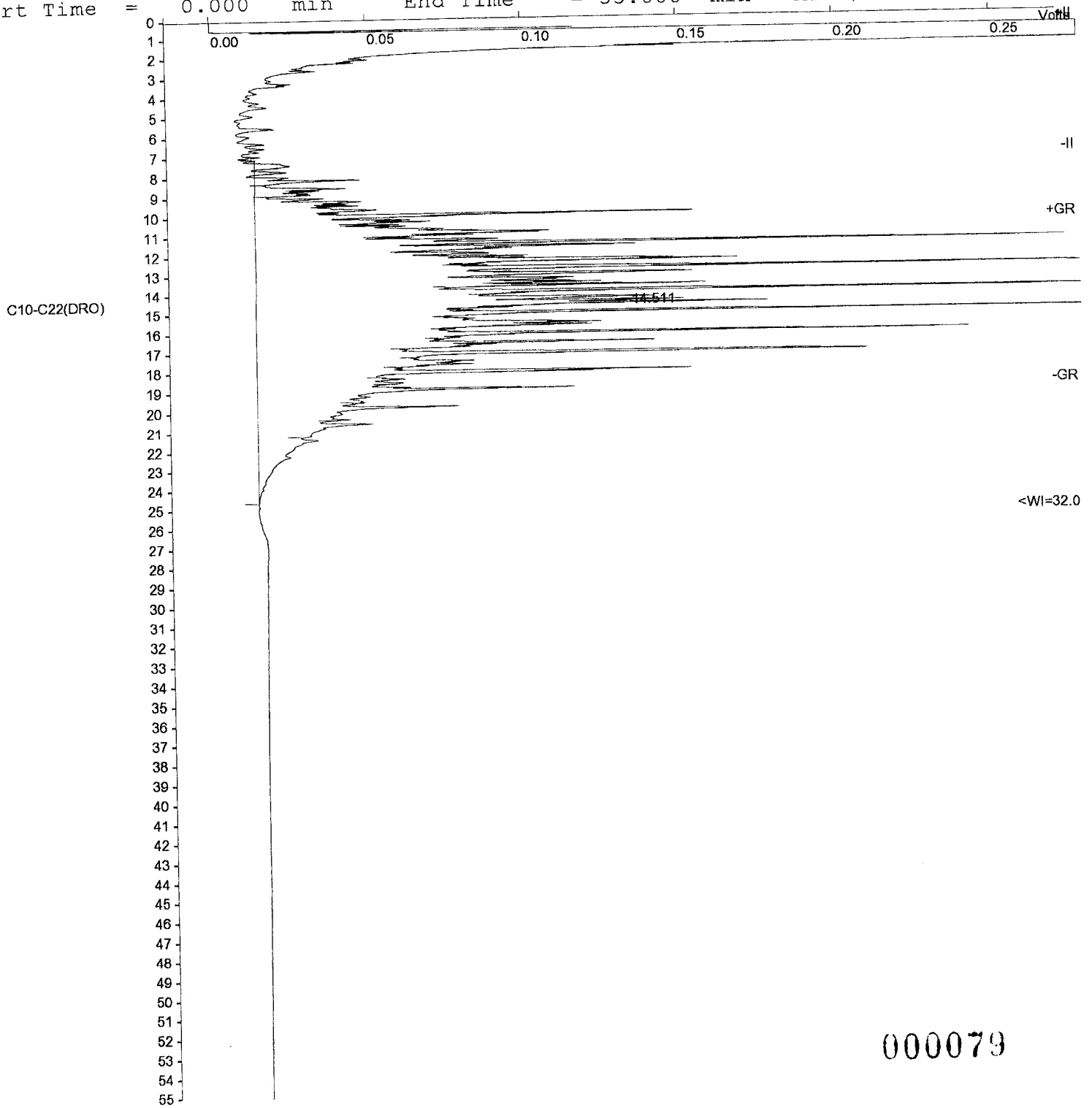
Injection Date: 12/4/02 6:29 PM Calculation Date: 12/4/02 7:24 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000079

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1016.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw153

Injection Date: 12/4/02 6:29 PM Calculation Date: 12/4/02 7:24 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	458.6883	8.3	14.511	0.000	39106592	2	
	Group 2		458.6883			0.000	39106592		
	Totals:		458.6883			0.000	39106592		

Total Unidentified Counts : 9916912 counts

Detected Peaks: 27 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 89 microVolts

Noise (used): 158 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

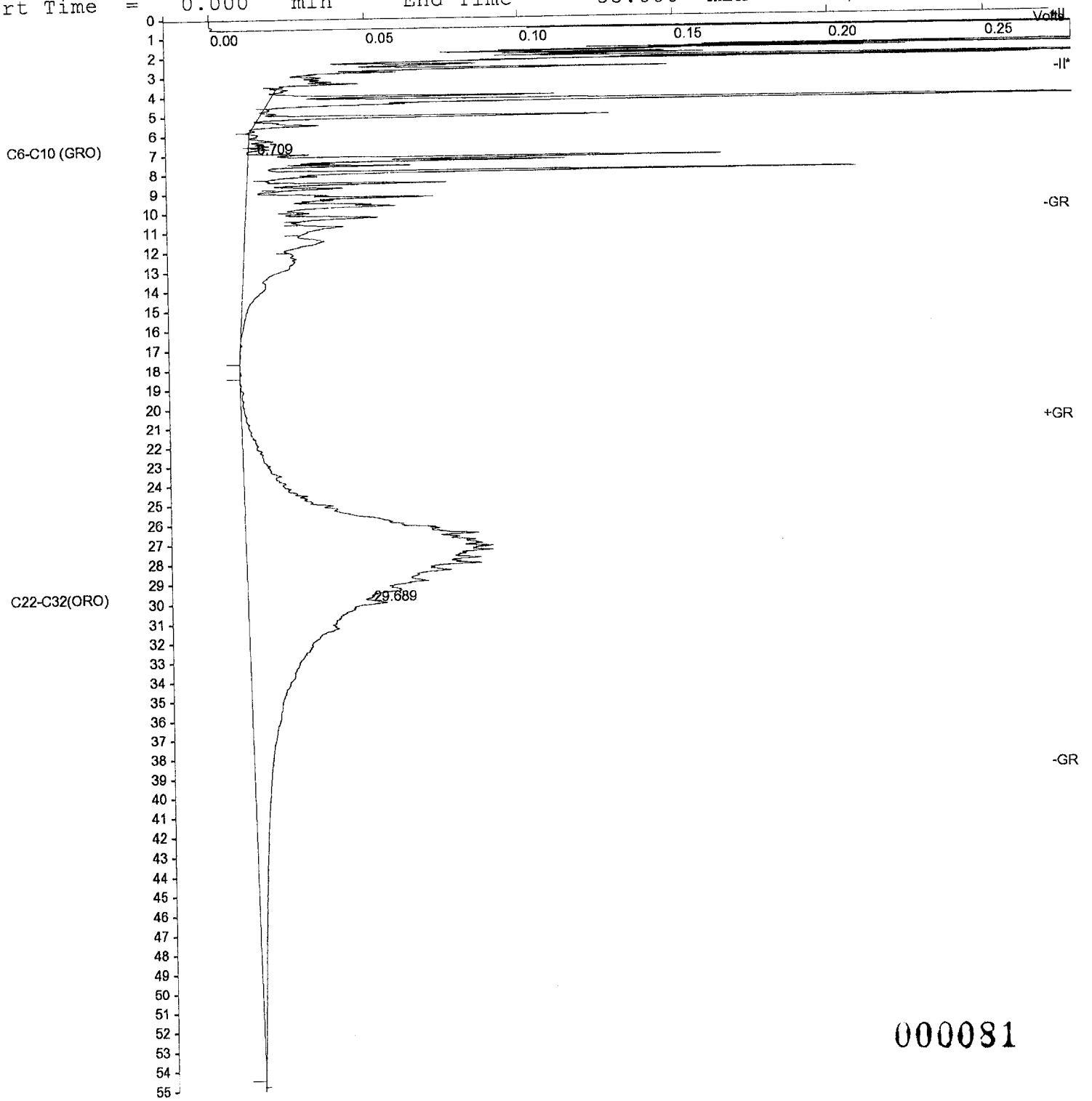
Injection Date: 12/4/02 7:36 PM Calculation Date: 12/5/02 8:23 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000081

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-4-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 12/4/02 7:36 PM Calculation Date: 12/5/02 8:23 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	442.9169	6.709	-0.078	9716536	GR	0.0	1	
2	C22-C32(ORO)	537.6754	29.689	0.000	29025350	GR	0.0	3	
	Group 1	442.9169		-0.078	9716536				
	Group 3	537.6754		0.000	29025350				
	Totals:	980.5923		-0.078	38741886				

Total Unidentified Counts : 4148805 counts

Detected Peaks: 14 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 58 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 178 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1001.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1204-10-10

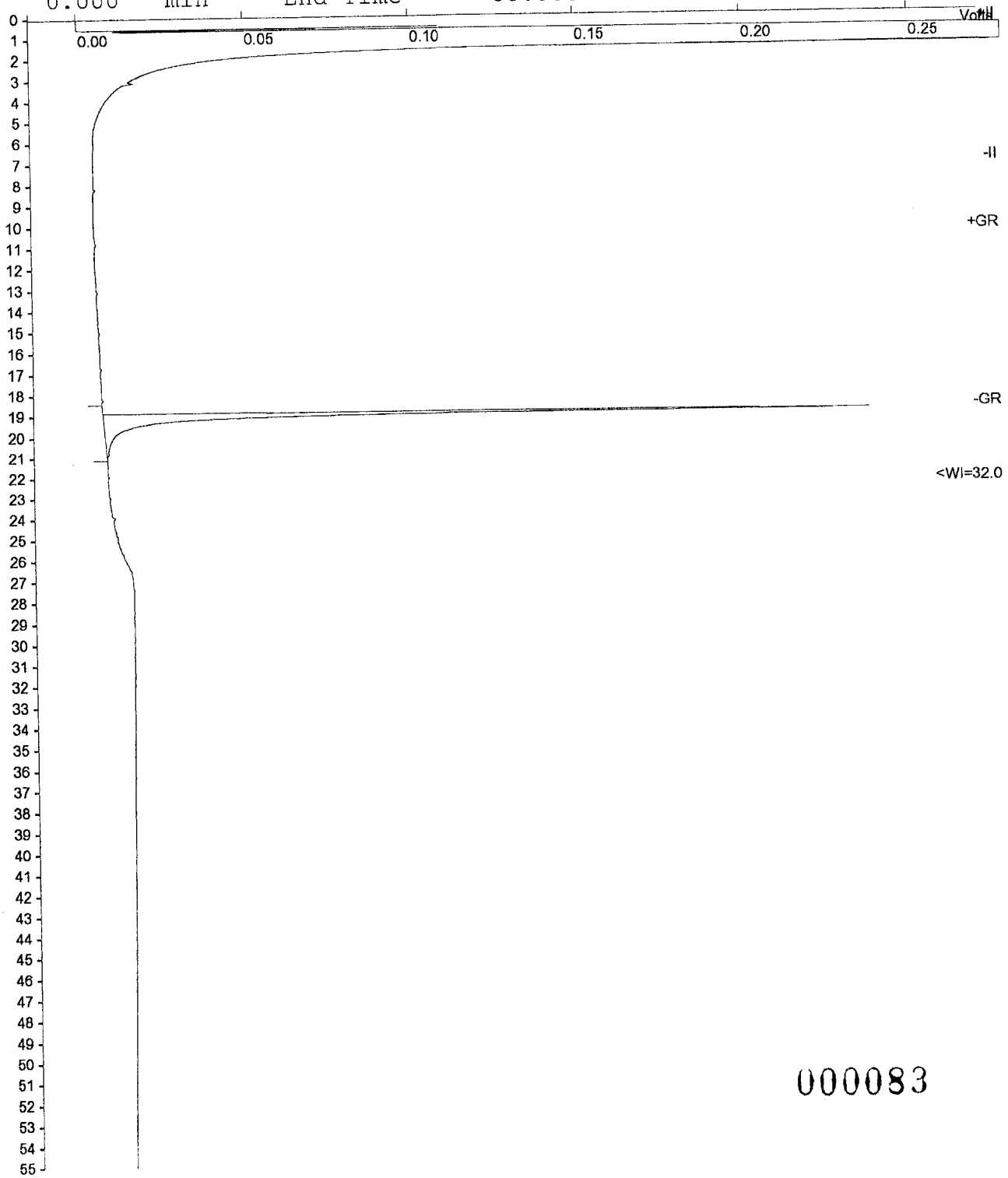
Injection Date: 12/5/02 1:10 AM Calculation Date: 12/5/02 2:05 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000083

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1001.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : mb1204-10-10

Injection Date: 12/5/02 1:10 AM Calculation Date: 12/5/02 2:05 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2292083 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 85 microVolts

Noise (used): 136 microVolts - monitored before this run

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1001.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : mb1204-10-10

Injection Date: 12/5/02 1:10 AM Calculation Date: 12/5/02 8:28 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	14.2919	18.904	-0.036	2194496	BB	6.0	0	
	Group 0	14.2919		-0.036	2194496				
	Totals:	14.2919		-0.036	2194496				

Total Unidentified Counts : 46560068 counts

Detected Peaks: 3 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 85 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 136 microVolts

Rack: 1 Vial: 3 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1002.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1204-10-10

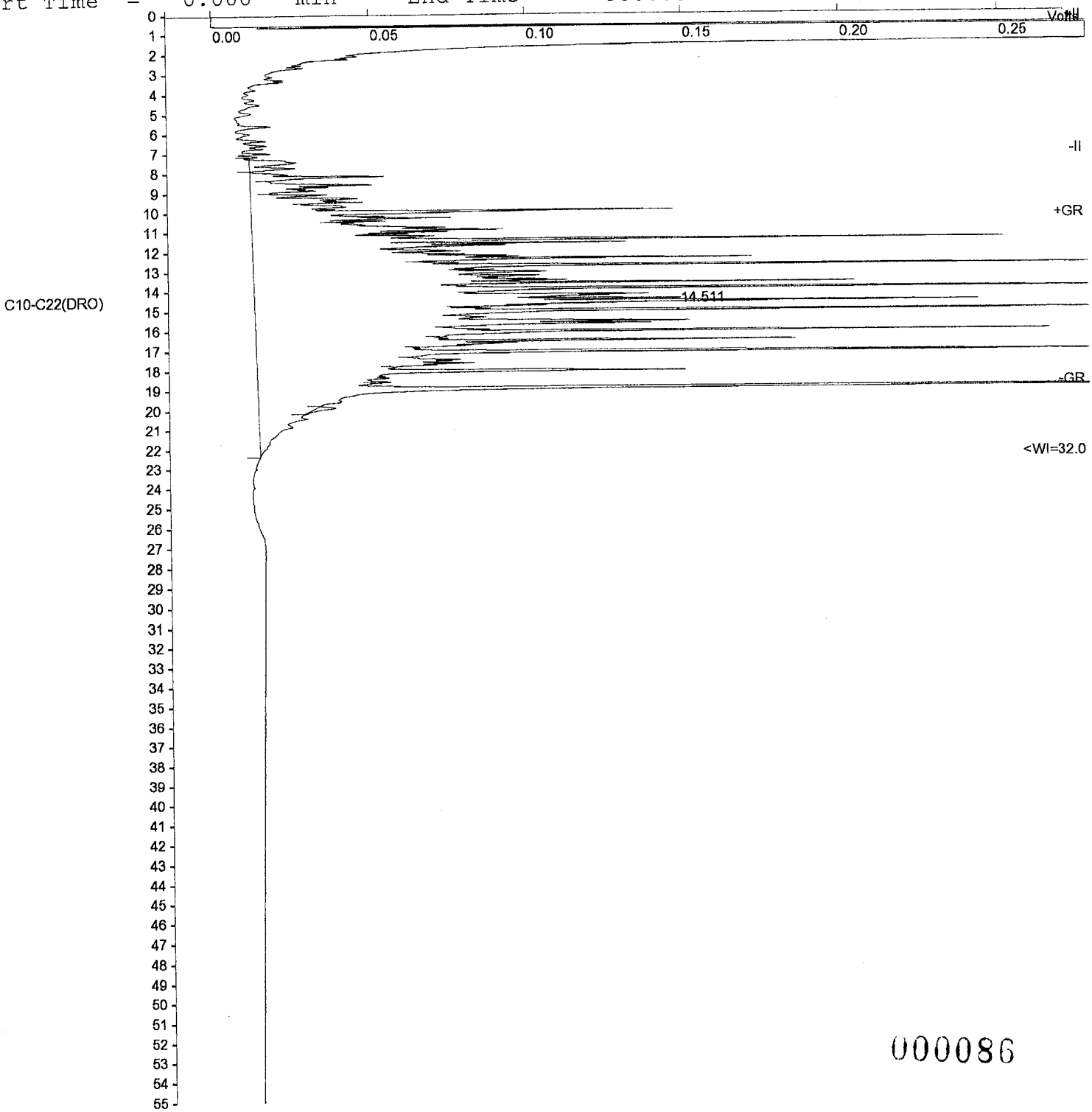
Injection Date: 12/5/02 2:17 AM Calculation Date: 12/5/02 3:12 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000086

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1002.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcs1204-10-10

Injection Date: 12/5/02 2:17 AM Calculation Date: 12/5/02 3:12 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	452.7884	14.511	0.000	38609248	GR	0.0	2	
	Group 2	452.7884		0.000	38609248				
	Totals:	452.7884		0.000	38609248				

Total Unidentified Counts : 10121117 counts

Detected Peaks: 23 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 78 microVolts

Noise (used): 161 microVolts - monitored before this run

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1002.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcs1204-10-10

Injection Date: 12/5/02 2:17 AM Calculation Date: 12/5/02 8:25 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	16.9934	18.832	-0.108	2582634	VB	3.2	0	
	Group 0	16.9934		-0.108	2582634				
	Totals:	16.9934		-0.108	2582634				

Total Unidentified Counts : 58771192 counts

Detected Peaks: 73 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 78 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 161 microVolts

Rack: 1 Vial: 4 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1204-10-10

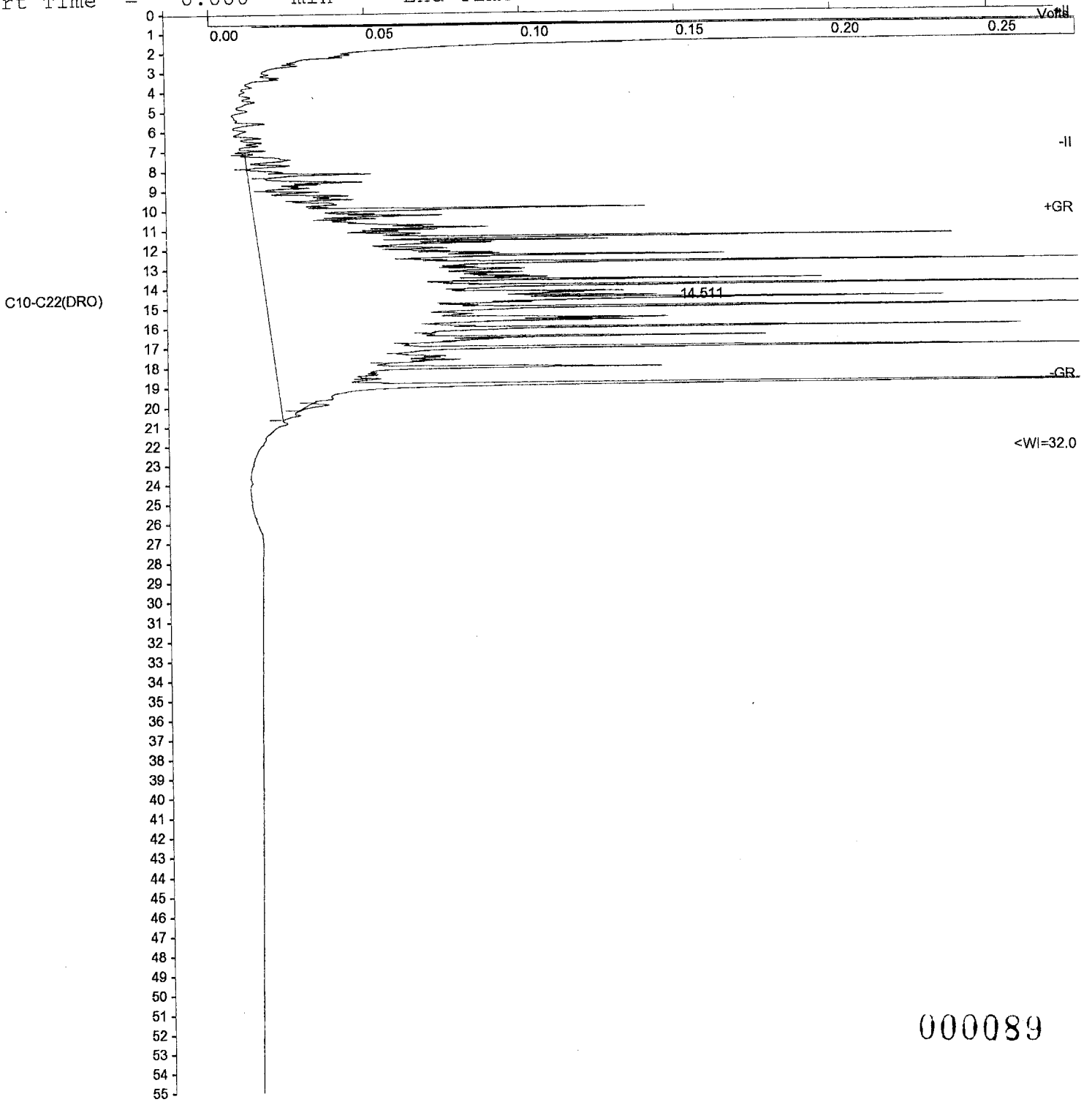
Injection Date: 12/5/02 3:24 AM Calculation Date: 12/5/02 4:19 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000089

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1003.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : lcsd1204-10-10

Injection Date: 12/5/02 3:24 AM Calculation Date: 12/5/02 4:19 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	410.0171	14.511	0.000	35003760	GR	0.0	2	
	Group 2	410.0171		0.000	35003760				
	Totals:	410.0171		0.000	35003760				

Total Unidentified Counts : 8243889 counts

Detected Peaks: 23 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 23 microVolts

Noise (used): 176 microVolts - monitored before this run

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1003.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc surr1.mth
Sample ID : lcsd1204-10-10

Injection Date: 12/5/02 3:24 AM Calculation Date: 12/5/02 8:25 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	O-Terphenyl	16.8086	18.830	-0.110	2556092	VB	3.3	0	
	Group 0	16.8086		-0.110	2556092				
	Totals:	16.8086		-0.110	2556092				

Total Unidentified Counts : 61518588 counts

Detected Peaks: 77 Rejected Peaks: 1 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 23 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 176 microVolts

Rack: 1 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1004.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-051-10-10

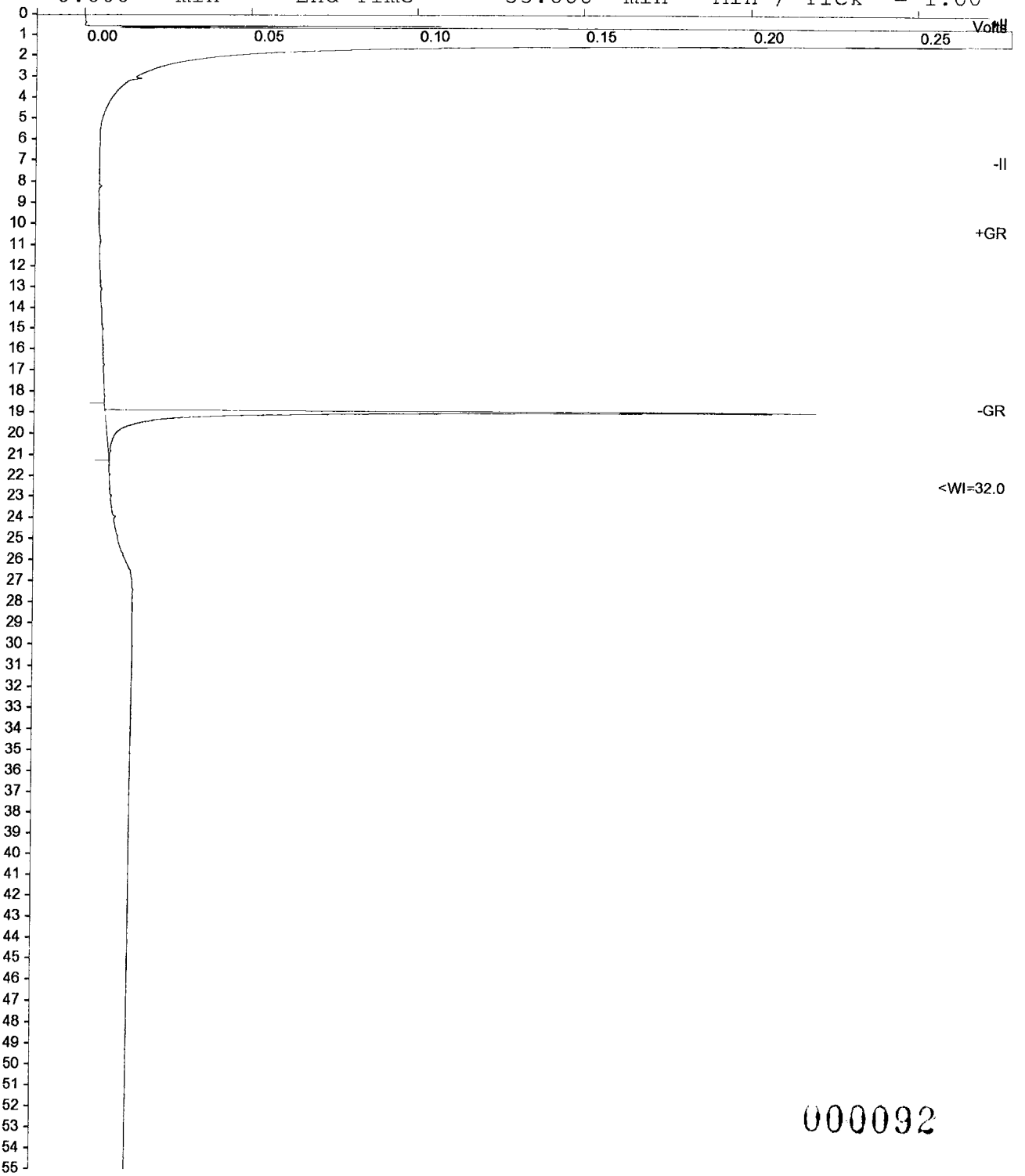
Injection Date: 12/5/02 4:31 AM Calculation Date: 12/5/02 5:26 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000092

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1004.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-051-10-10

Injection Date: 12/5/02 4:31 AM Calculation Date: 12/5/02 5:26 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2223760 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 103 microVolts

Noise (used): 117 microVolts - monitored before this run

Rack: 2 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1004.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-051-10-10

Injection Date: 12/5/02 4:31 AM Calculation Date: 12/5/02 8:39 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2229802 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 103 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 117 microVolts

Rack: 2 Vial: 5 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1005.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-052-10-10

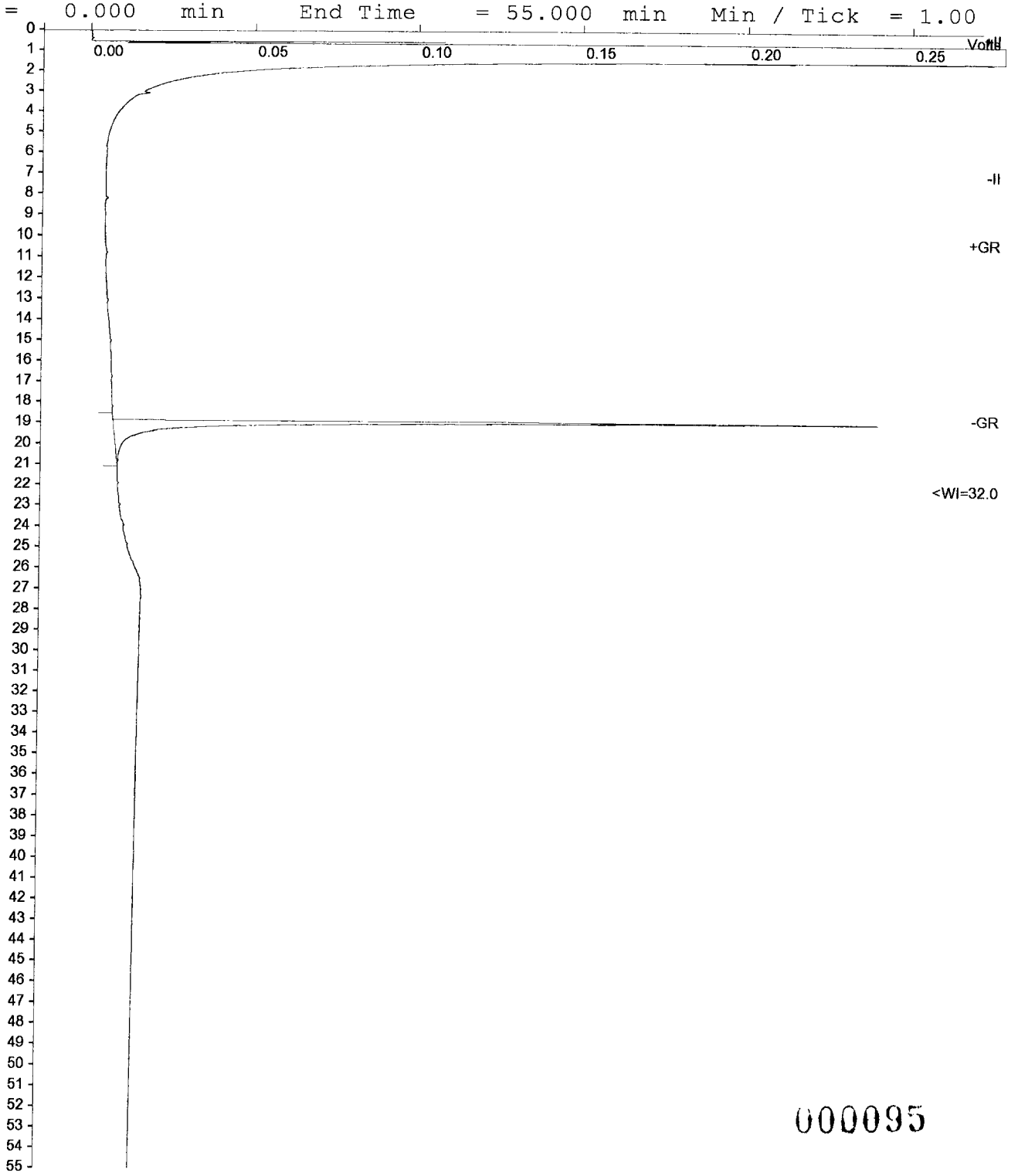
Injection Date: 12/5/02 5:38 AM Calculation Date: 12/5/02 6:33 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000095

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1005.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-052-10-10

Injection Date: 12/5/02 5:38 AM Calculation Date: 12/5/02 6:33 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2216041 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 108 microVolts

Noise (used): 169 microVolts - monitored before this run

Rack: 2 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1005.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-052-10-10

Injection Date: 12/5/02 5:38 AM Calculation Date: 12/5/02 8:39 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2211582 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 108 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 169 microVolts

Rack: 2 Vial: 6 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1006.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-053-10-10

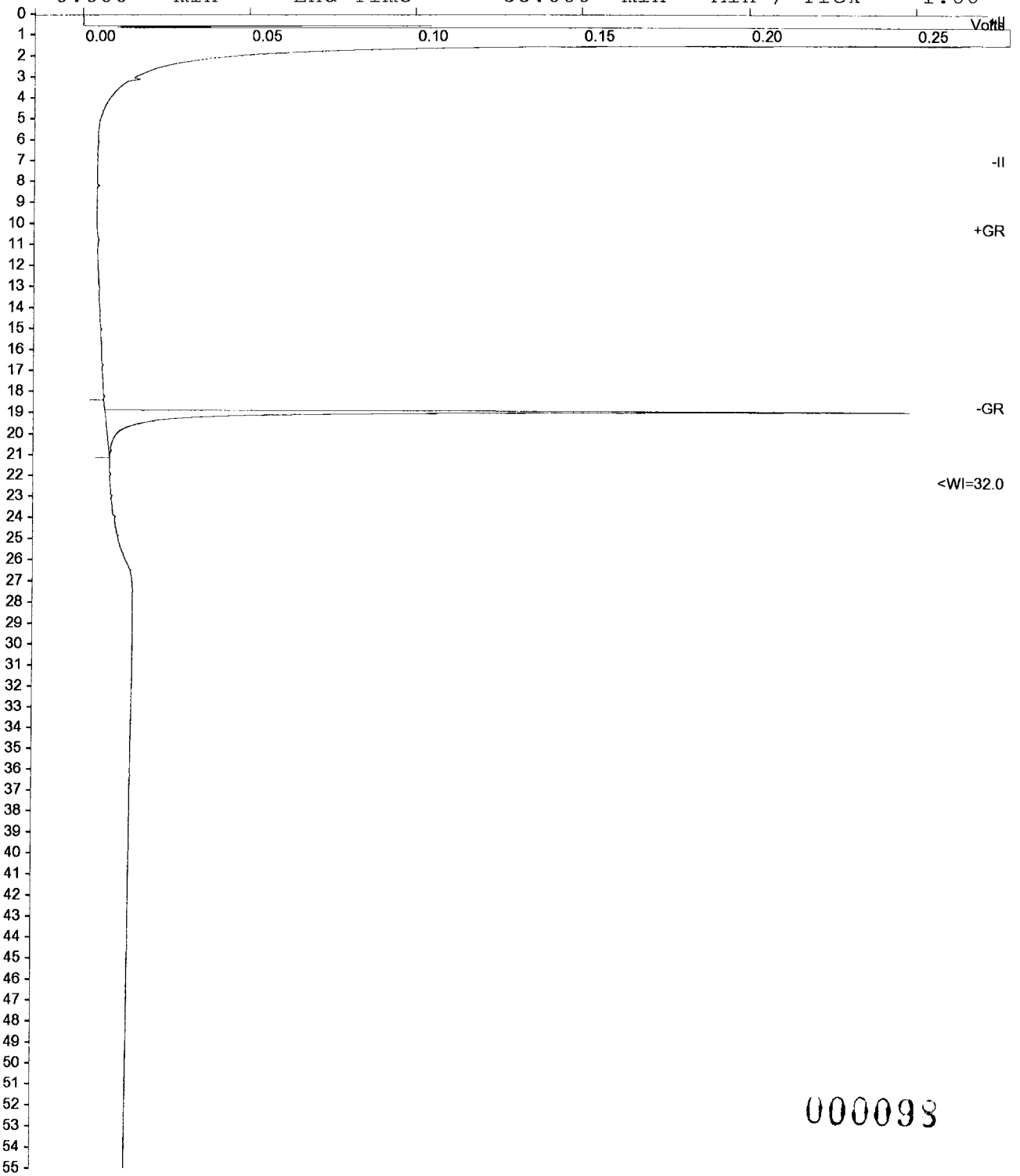
Injection Date: 12/5/02 6:44 AM Calculation Date: 12/5/02 7:40 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000098

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1006.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-053-10-10

Injection Date: 12/5/02 6:44 AM Calculation Date: 12/5/02 7:40 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2416309 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 60 microVolts

Noise (used): 153 microVolts - monitored before this run

Rack: 2 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1006.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-053-10-10

Injection Date: 12/5/02 6:44 AM Calculation Date: 12/5/02 8:41 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2428787 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 60 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 153 microVolts

Rack: 2 Vial: 7 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw153

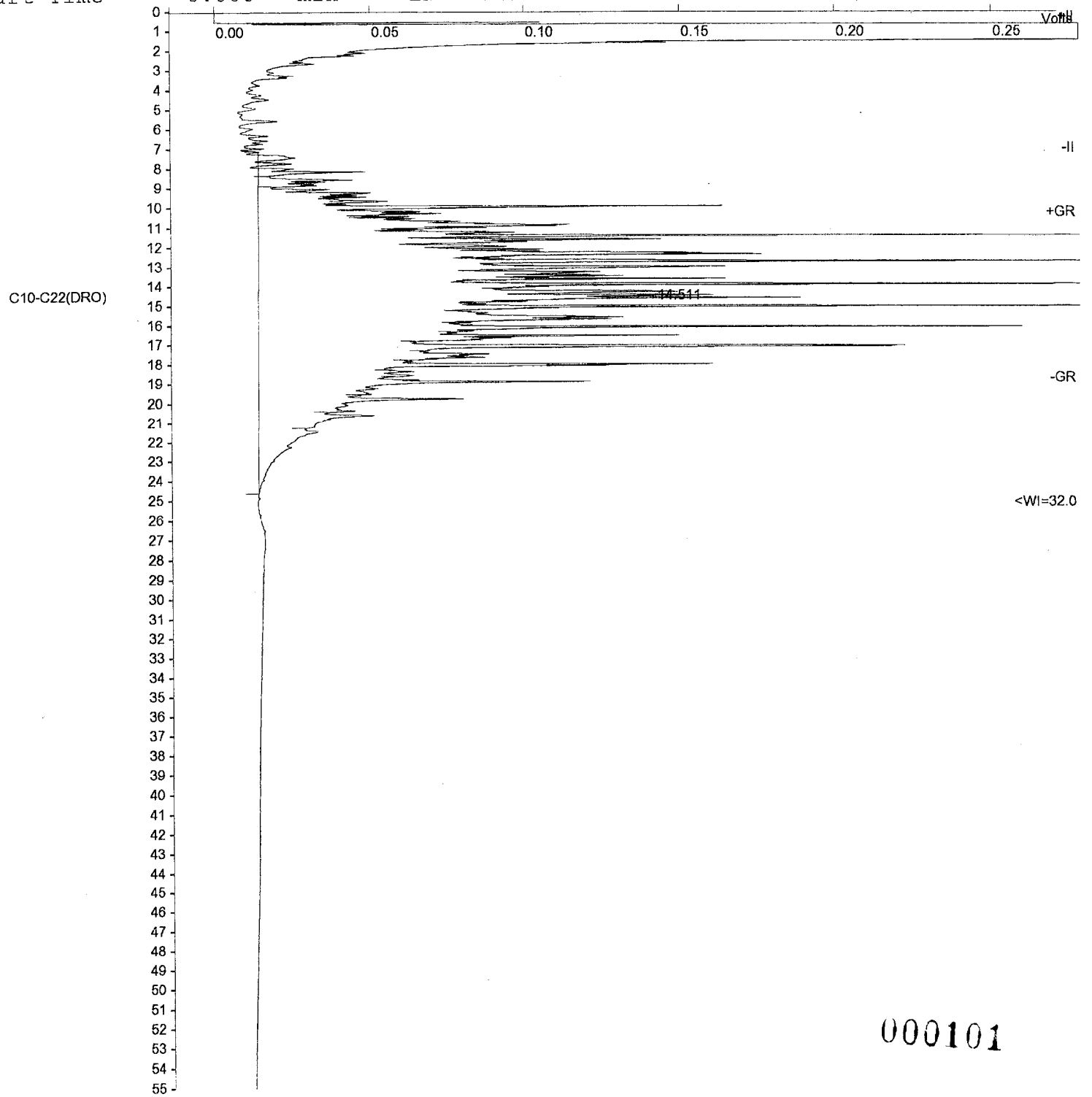
Injection Date: 12/5/02 7:51 AM Calculation Date: 12/5/02 8:46 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000101

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : dccv-gw153

Injection Date: 12/5/02 7:51 AM Calculation Date: 12/5/02 8:46 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	488.4844	2.3	14.511	0.000	41618316	2	
	Group 2		488.4844			0.000	41618316		
	Totals:		488.4844			0.000	41618316		

Total Unidentified Counts : 10536290 counts

Detected Peaks: 28 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 25 microVolts

Noise (used): 149 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102995-054-10-10

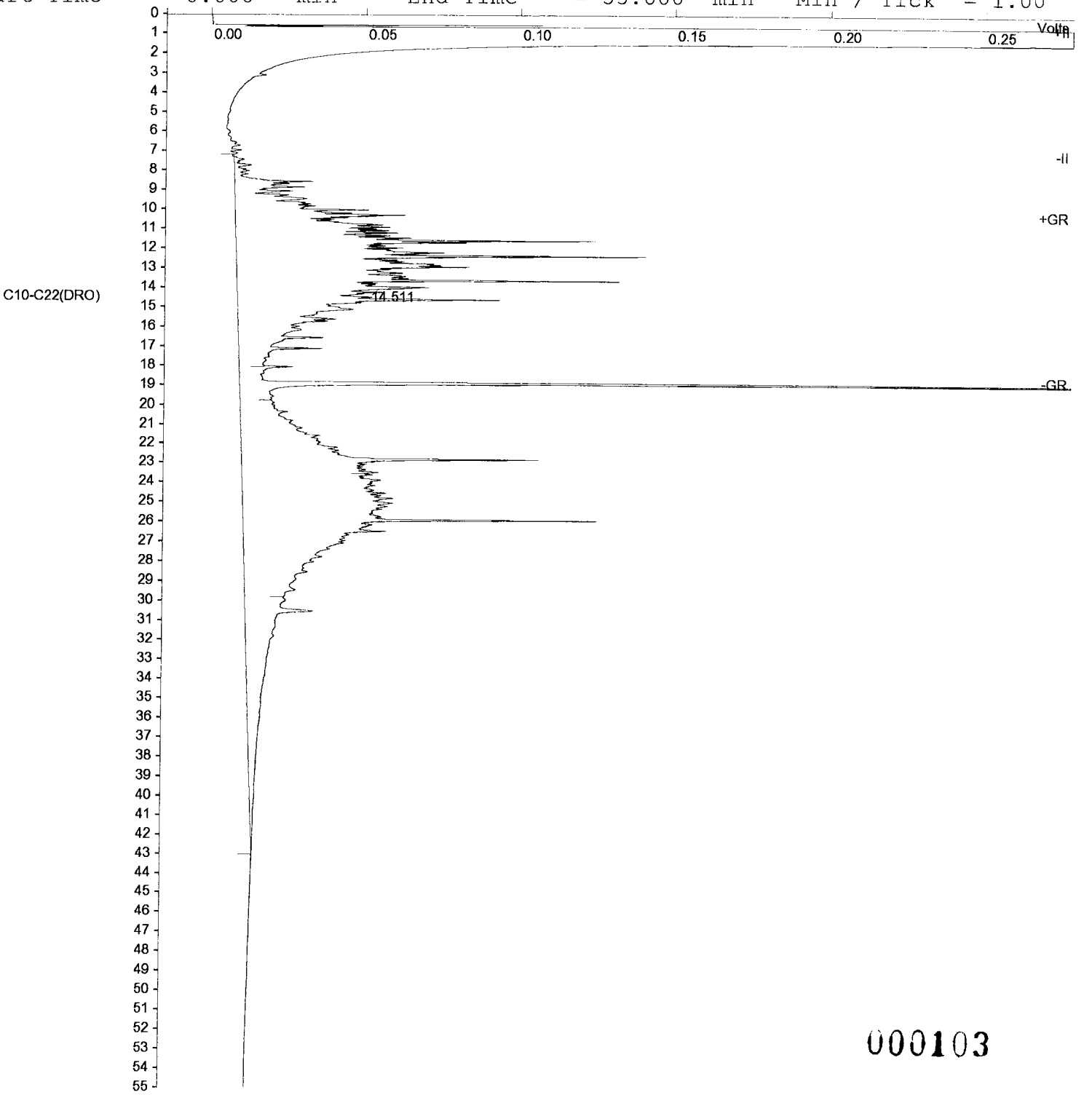
Injection Date: 12/5/02 10:06 AM Calculation Date: 12/5/02 11:03 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000103

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : 102995-054-10-10

Injection Date: 12/5/02 10:06 AM Calculation Date: 12/5/02 11:03 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C10-C22(DRO)	221.4961	14.511	0.000	19112026	GR	0.0	2	
	Group 2	221.4961		0.000	19112026				
	Totals:	221.4961		0.000	19112026				

Total Unidentified Counts : 24688132 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 70 microVolts

Noise (used): 155 microVolts - monitored before this run

Rack: 2 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

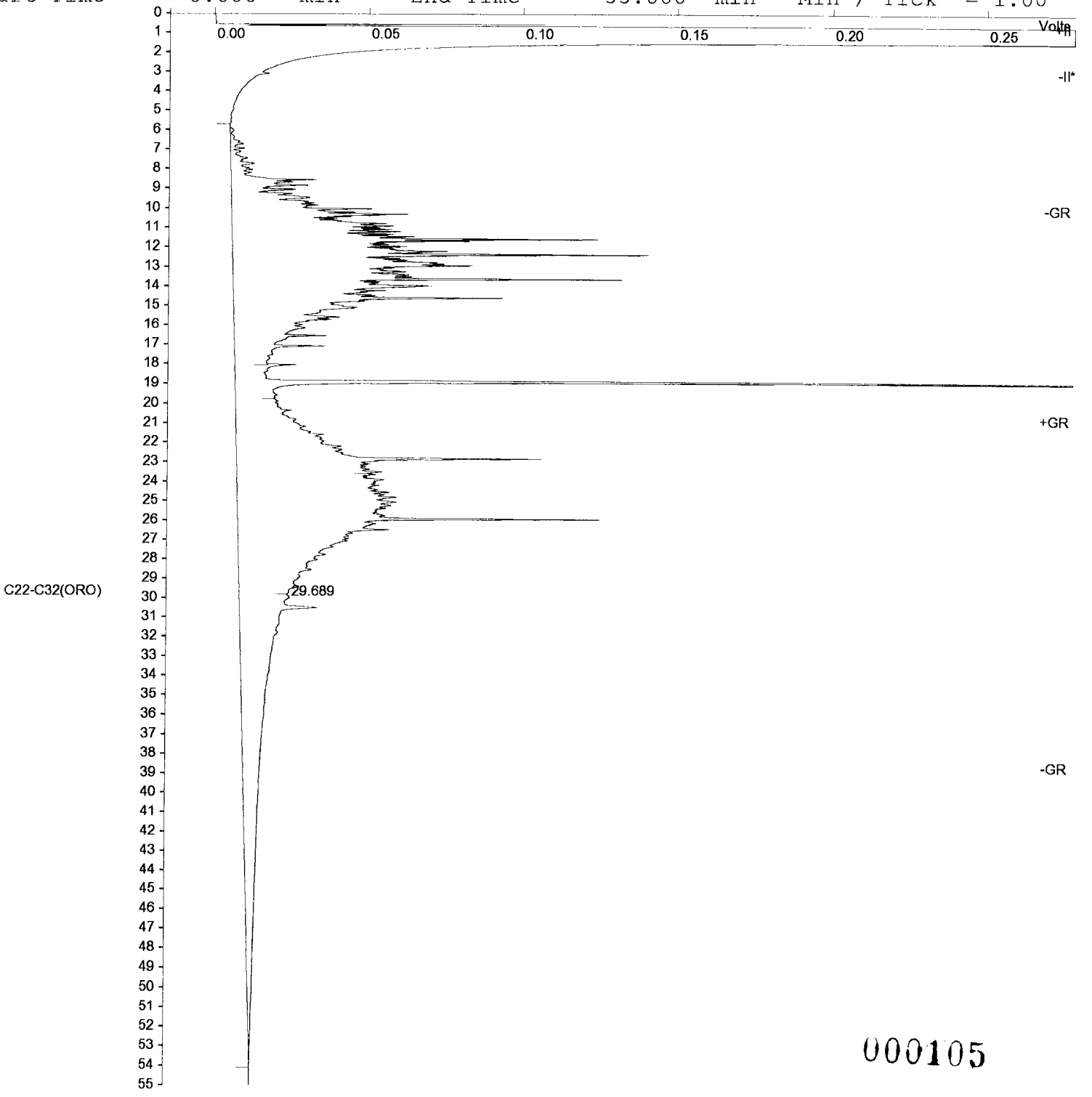
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-054-10-10

Injection Date: 12/5/02 10:06 AM Calculation Date: 12/5/02 11:01 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000105

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-5-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-054-10-10

Injection Date: 12/5/02 10:06 AM Calculation Date: 12/5/02 11:01 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C22-C32(ORO)	494.4471	29.689	0.000	26691758	GR	0.0	3	
	Group 3	494.4471		0.000	26691758				
	Totals:	494.4471		0.000	26691758				

Total Unidentified Counts : 24579120 counts

Detected Peaks: 5 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 70 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 155 microVolts

Rack: 2 Vial: 8 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-055-10-10

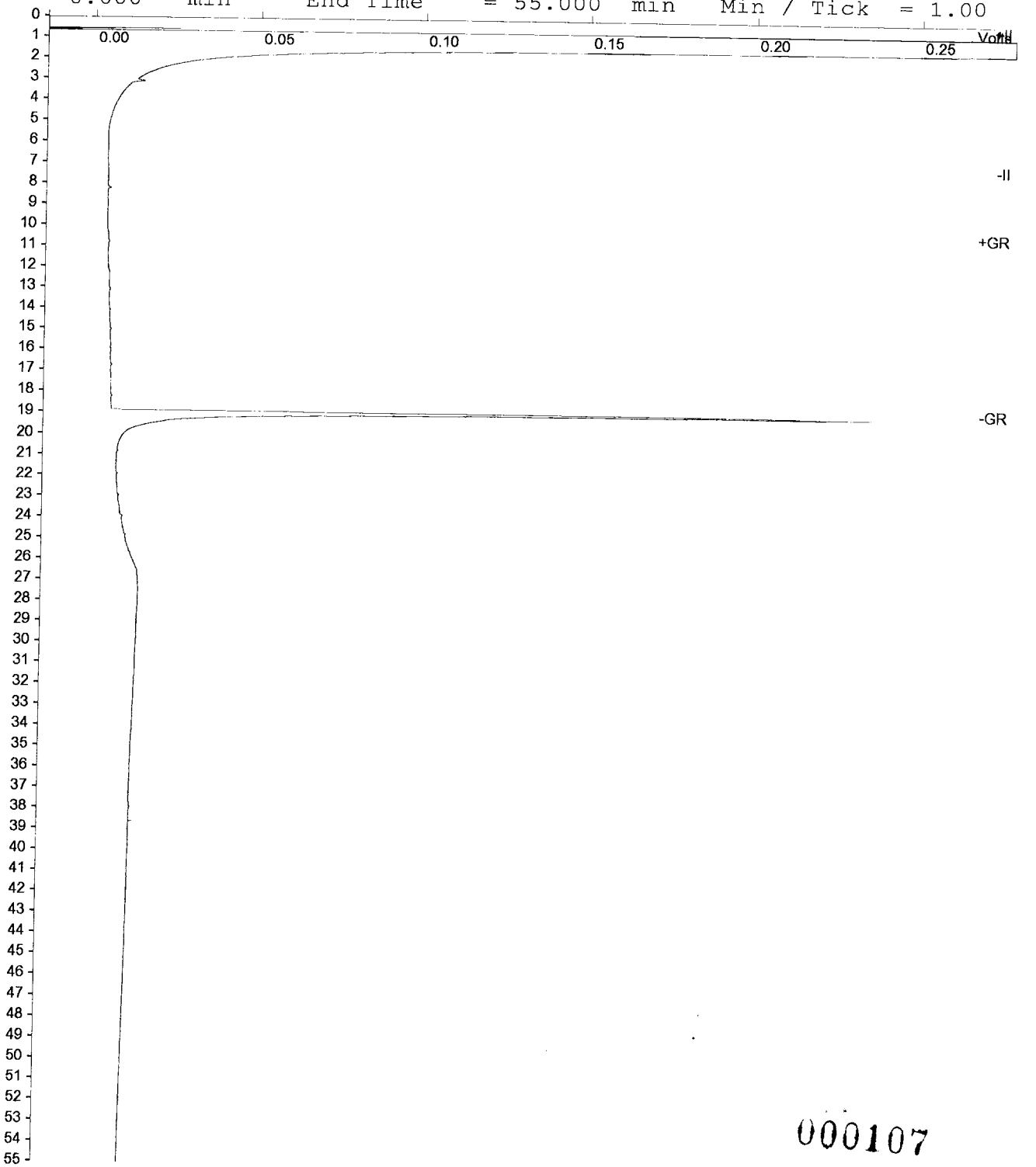
Injection Date: 12/6/02 8:07 AM Calculation Date: 12/6/02 9:02 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000107

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1007.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-055-10-10

Injection Date: 12/6/02 8:07 AM Calculation Date: 12/6/02 9:02 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 0 counts

Detected Peaks: 0 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -82463 microVolts

Noise (used): 15768 microVolts - monitored before this run

Rack: 2 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

Data Handling: No peaks

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1007.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-055-10-10

Injection Date: 12/6/02 8:07 AM Calculation Date: 12/6/02 9:08 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2375623 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -82463 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 15768 microVolts

Rack: 2 Vial: 9 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-056-10-10

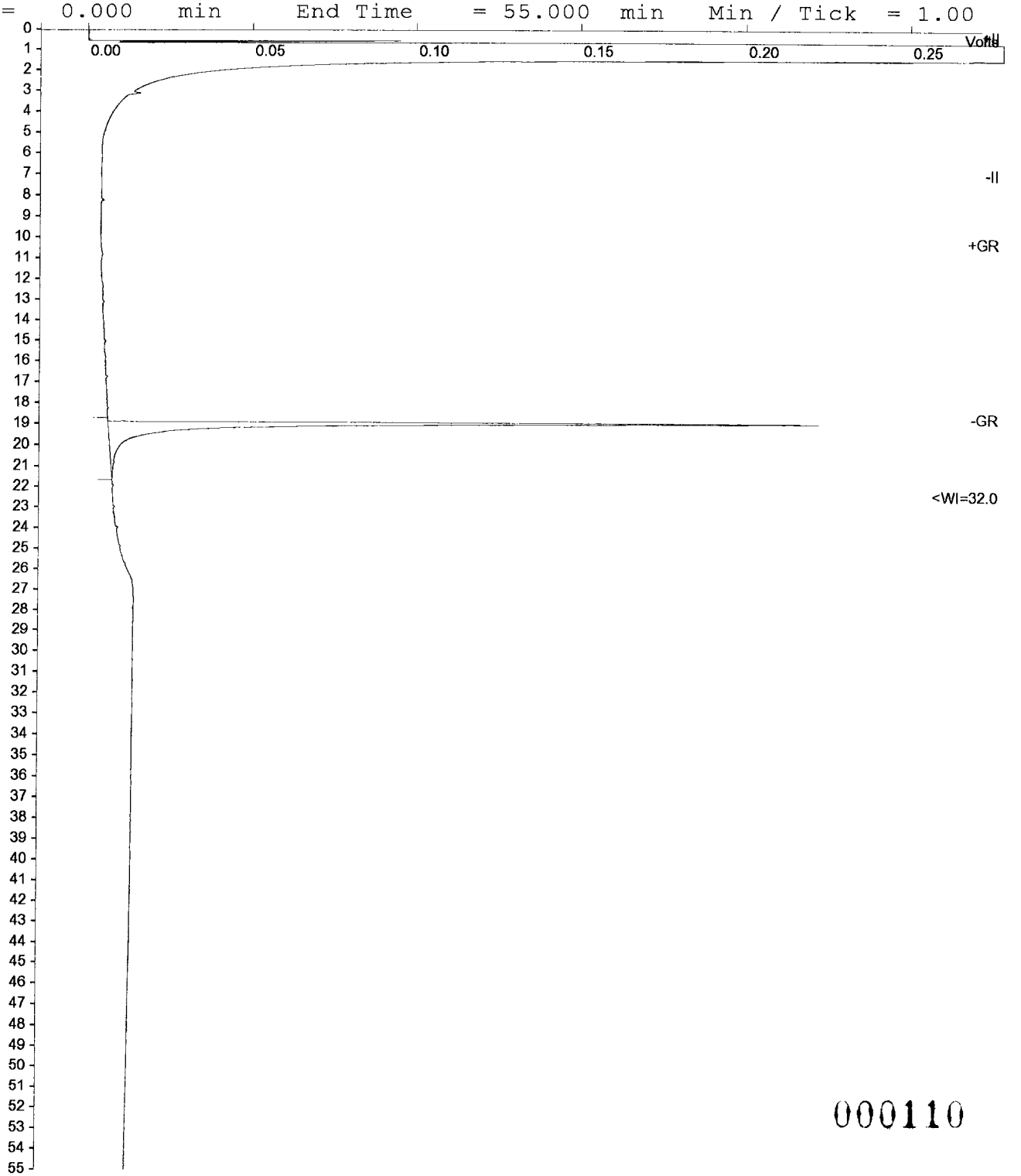
Injection Date: 12/6/02 9:15 AM Calculation Date: 12/6/02 10:10 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000110

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1008.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-056-10-10

Injection Date: 12/6/02 9:15 AM Calculation Date: 12/6/02 10:10 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2391396 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -20 microVolts

Noise (used): 149 microVolts - monitored before this run

Rack: 2 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1008.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-056-10-10

Injection Date: 12/6/02 9:15 AM Calculation Date: 12/6/02 11:20 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2366718 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -20 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 149 microVolts

Rack: 2 Vial: 10 Injection Number: 1 Injection Volume: 3.0 ul

****

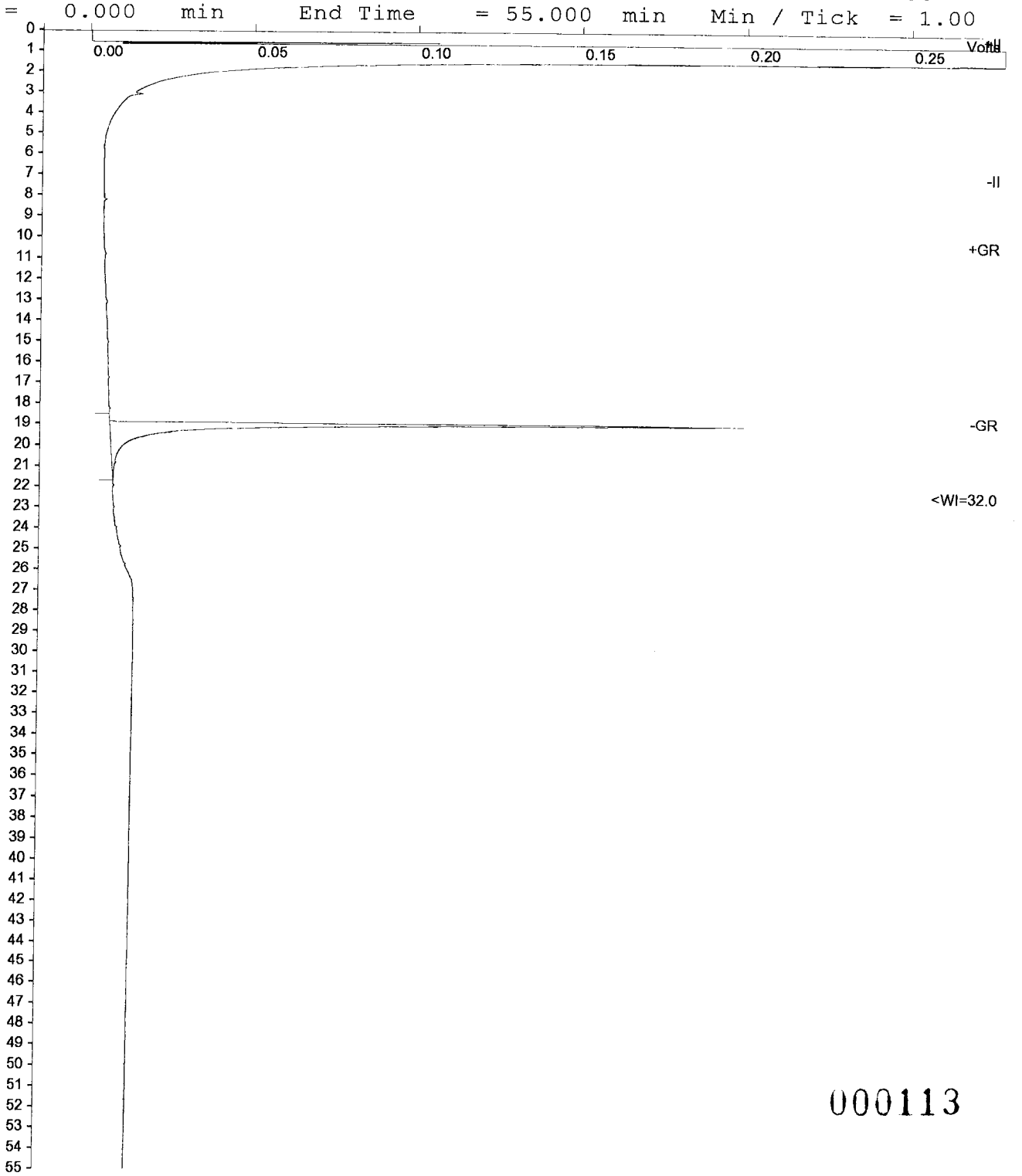
Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1009.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-057-10-10

Injection Date: 12/6/02 10:22 AM Calculation Date: 12/6/02 11:17 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000113

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1009.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-057-10-10

Injection Date: 12/6/02 10:22 AM Calculation Date: 12/6/02 11:17 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2316343 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 124 microVolts

Noise (used): 211 microVolts - monitored before this run

Rack: 2 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1009.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-057-10-10

Injection Date: 12/6/02 10:22 AM Calculation Date: 12/6/02 11:20 AM

Operator : AF Detector Type: ADCB (1 Volt)
Workstation: Bus Address : 18
Instrument : Varian Star #2 Sample Rate : 10.00 Hz
Channel : A = FID 10v Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2314083 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 124 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 211 microVolts

Rack: 2 Vial: 11 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-058-10-10

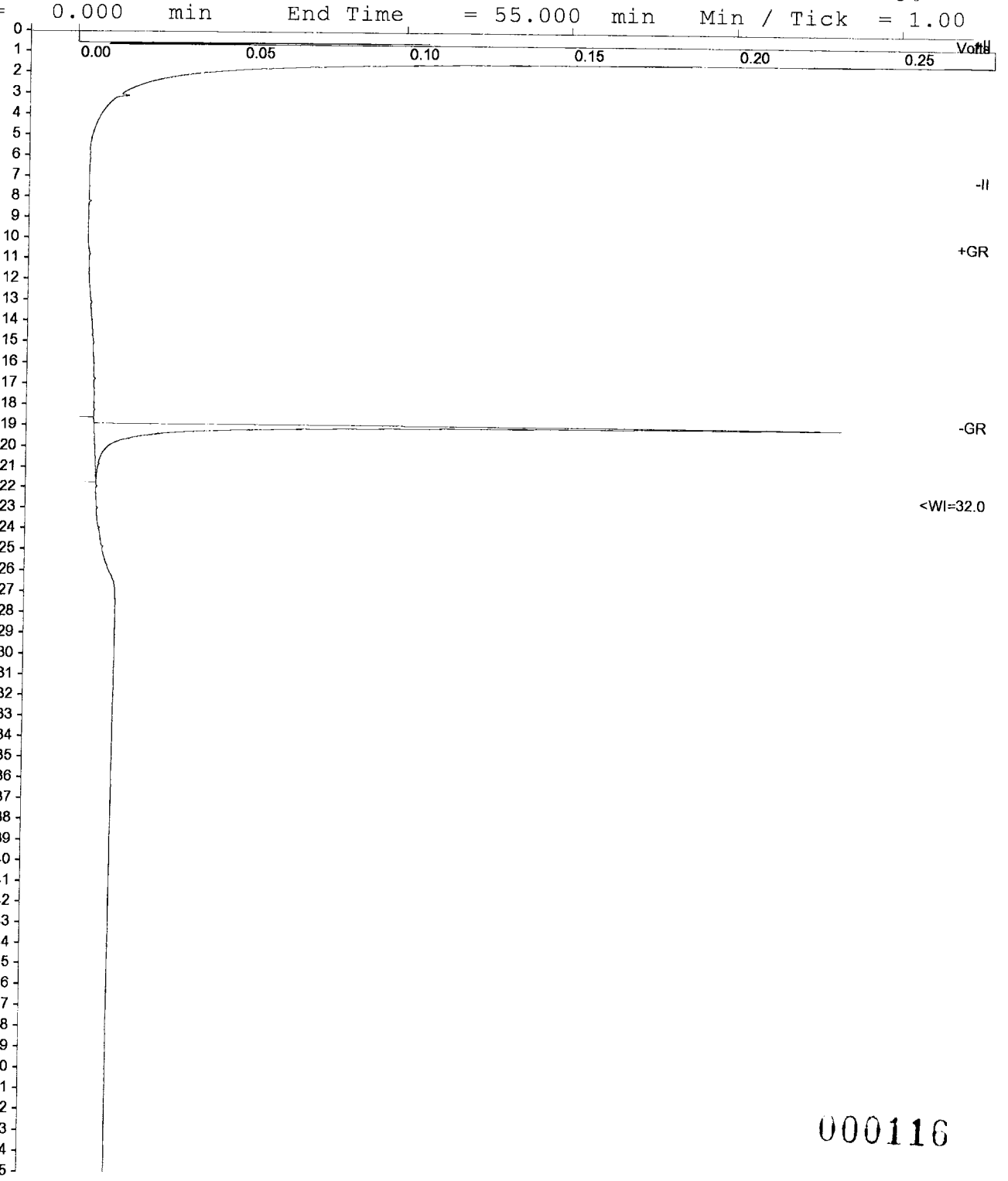
Injection Date: 12/6/02 11:29 AM Calculation Date: 12/6/02 12:24 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000116

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1010.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-058-10-10

Injection Date: 12/6/02 11:29 AM Calculation Date: 12/6/02 12:24 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2572702 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 8 microVolts

Noise (used): 179 microVolts - monitored before this run

Rack: 2 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1010.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : 102995-058-10-10

Injection Date: 12/6/02 11:29 AM Calculation Date: 12/6/02 12:25 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
Totals:		0.0000		0.000	0				

Total Unidentified Counts : 2568780 counts

Detected Peaks: 1 Rejected Peaks: 0 Identified Peaks: 0

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 8 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 179 microVolts

Rack: 2 Vial: 12 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1011.run
Method File : C:\Star\INSTRUMENT 2 - GC 9\METHODS - GC 9\9gc diesel1111.mth
Sample ID : 102995-059-10-10

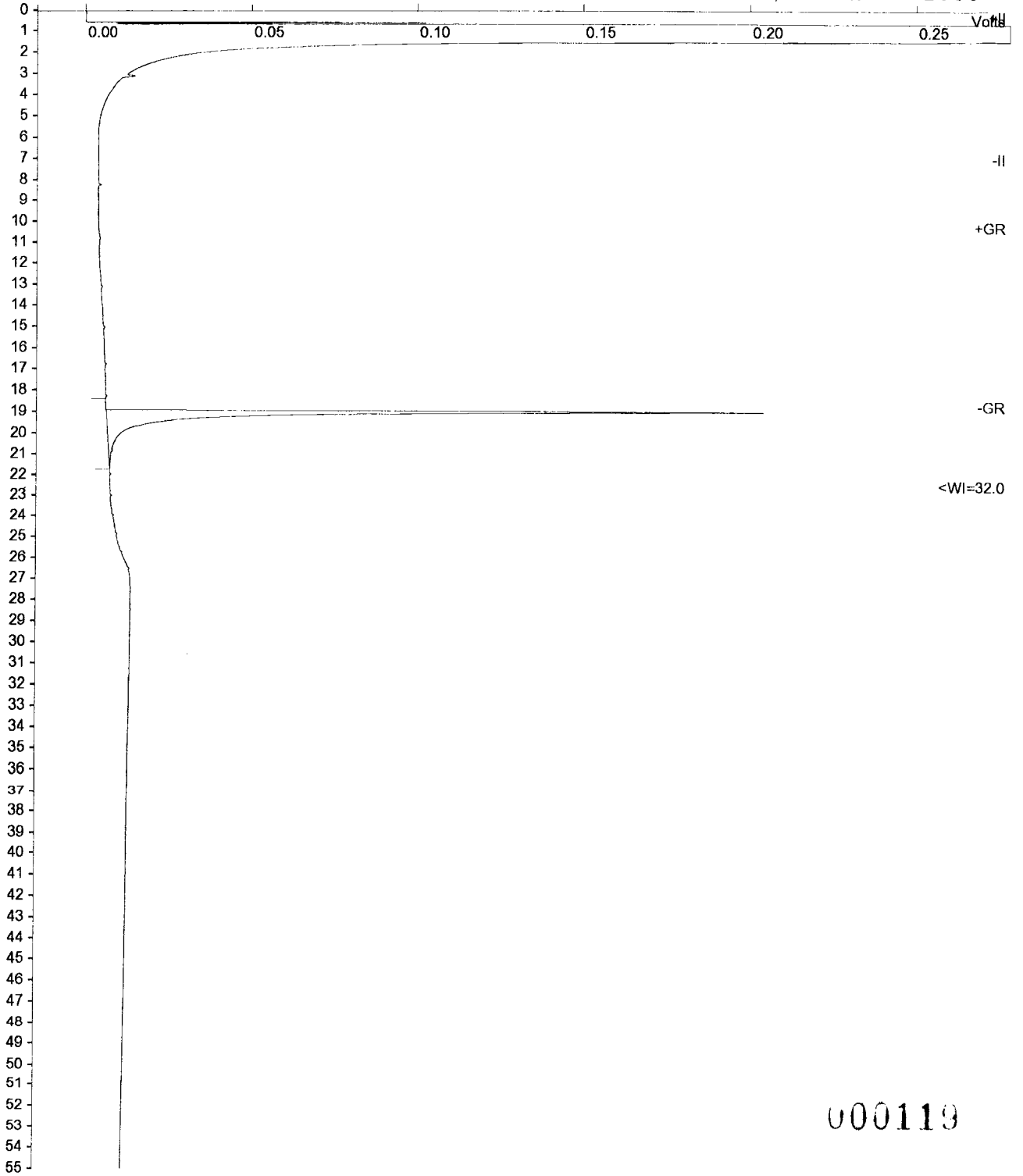
Injection Date: 12/6/02 12:37 PM Calculation Date: 12/6/02 1:32 PM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000119

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : dccv-gw153

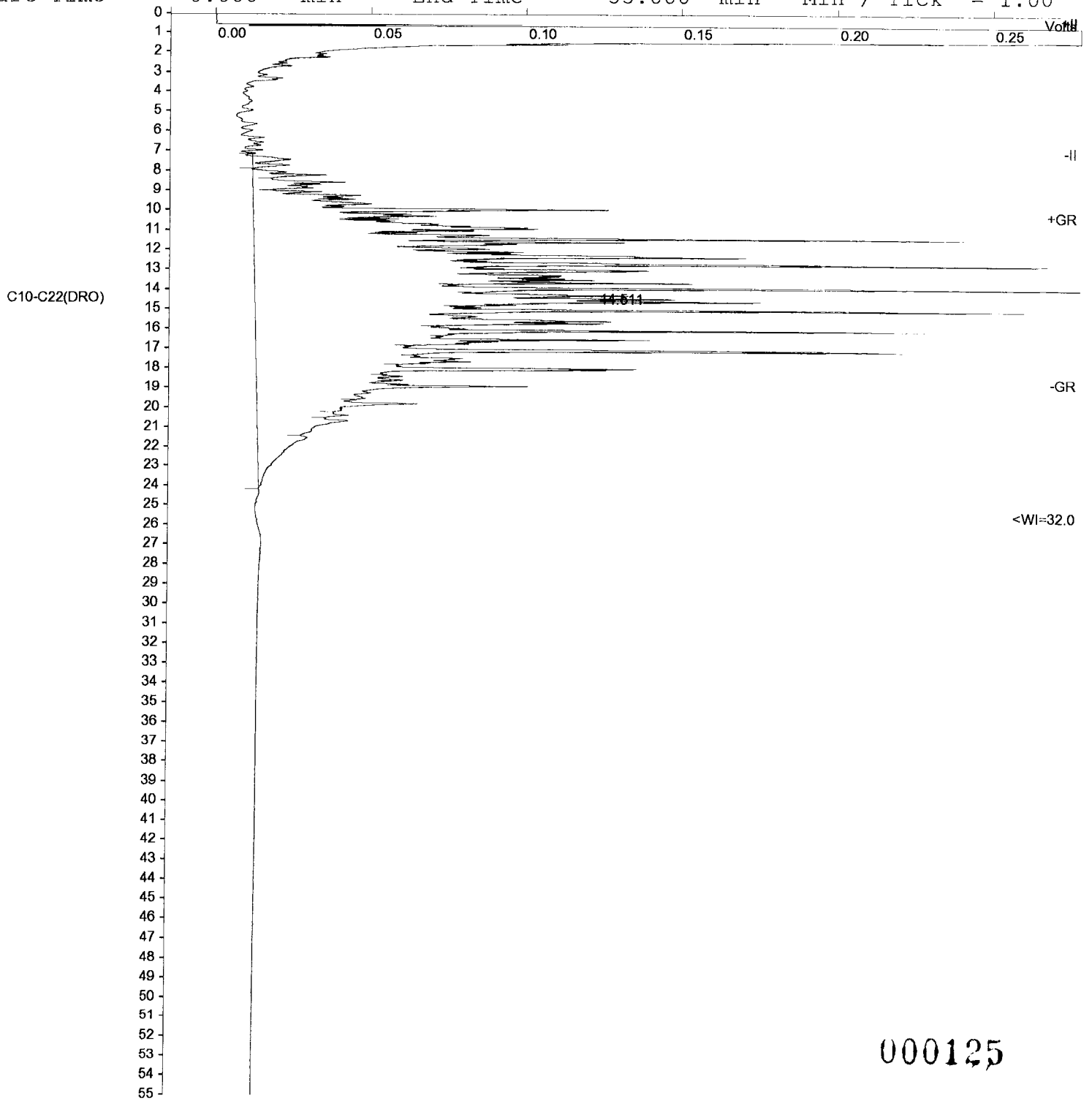
Injection Date: 12/6/02 6:15 PM Calculation Date: 12/9/02 8:00 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000125

Verification Report

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1016.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc diesel1111.mth
Sample ID : dccv-gw153

Injection Date: 12/6/02 6:15 PM Calculation Date: 12/9/02 8:00 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Verification
Peak Measurement: Peak Area
Calculation Type: External Standard
Level : 5
Tolerance : 15.0%

Peak No.	Peak Name	Expected Result (PPM)	Calculated Result (PPM)	Dev. %	Ret. Time (min)	Time Offset (min)	Area (counts)	Group	Status Codes
1	C10-C22(DRO)	500.0000	456.0973	8.8	14.511	0.000	38888180	2	
	Group 2		456.0973			0.000	38888180		
	Totals:		456.0973			0.000	38888180		

Total Unidentified Counts : 10033618 counts

Detected Peaks: 28 Rejected Peaks: 0 Identified Peaks: 1

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: 86 microVolts

Noise (used): 148 microVolts - monitored before this run

Rack: 1 Vial: 1 Injection Number: 1 Injection Volume: 3.0 ul

****

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

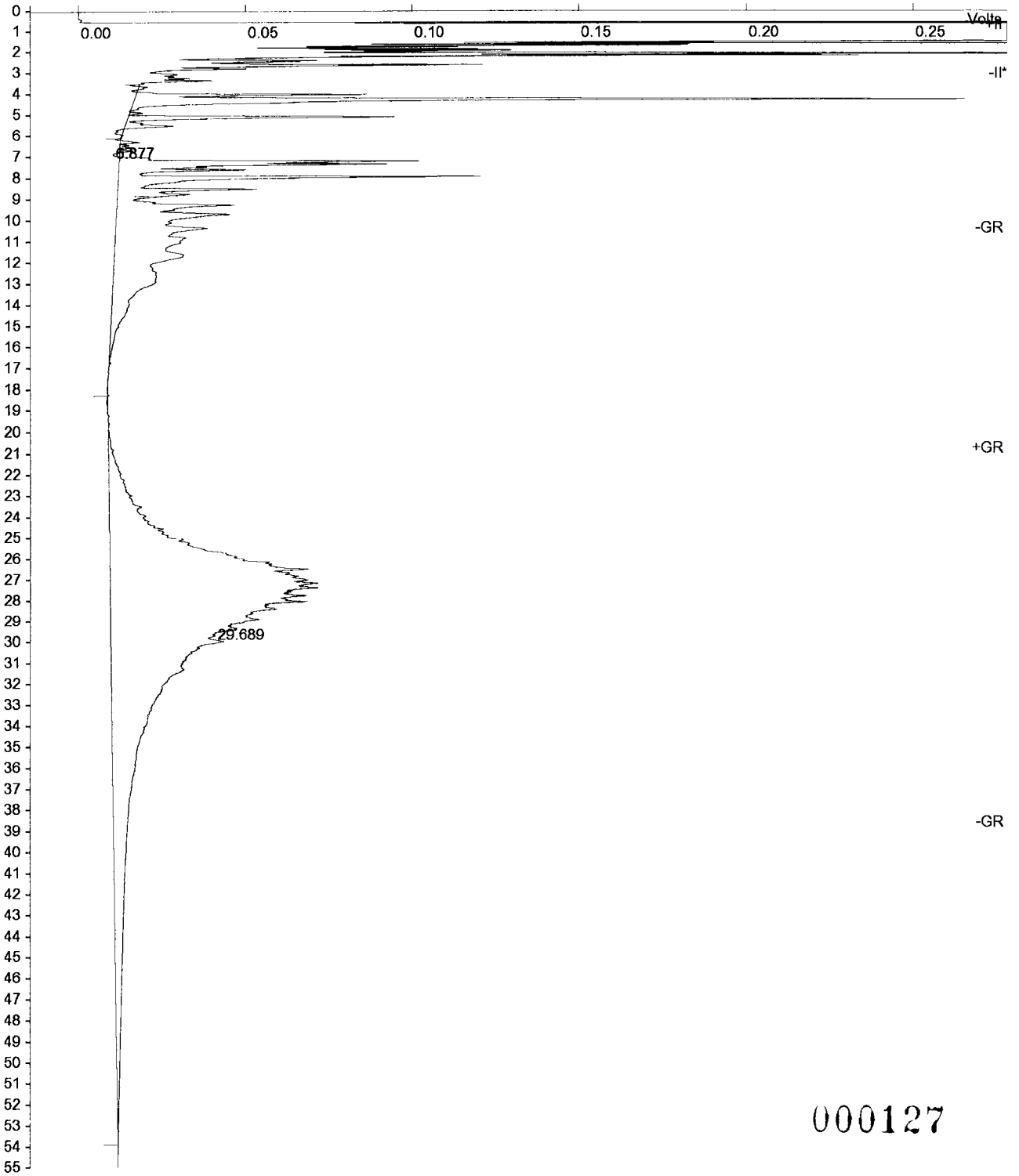
Injection Date: 12/6/02 7:23 PM Calculation Date: 12/9/02 7:57 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Chart Speed = 0.35 cm/min Attenuation = 1200 Zero Offset = 5%
Start Time = 0.000 min End Time = 55.000 min Min / Tick = 1.00



000127

Title : 8015-Diesel by FID
Run File : c:\star\instrument 2 - gc 9\data - gc 9\dec02\g9-12-6-02-1017.run
Method File : c:\star\instrument 2 - gc 9\methods - gc 9\9gc go1113.mth
Sample ID : goccv-gw145

Injection Date: 12/6/02 7:23 PM Calculation Date: 12/9/02 7:57 AM

Operator : AF
Workstation:
Instrument : Varian Star #2
Channel : A = FID 10v

Detector Type: ADCB (1 Volt)
Bus Address : 18
Sample Rate : 10.00 Hz
Run Time : 55.002 min

** Star Chromatography Workstation Version 5.31 ** 00963-2068-5CF-2181 **

Run Mode : Analysis
Peak Measurement: Peak Area
Calculation Type: External Standard

Peak No.	Peak Name	Result (PPM)	Ret. Time (min)	Time Offset (min)	Area (counts)	Sep. Code	Width 1/2 (sec)	Group	Status Codes
1	C6-C10 (GRO)	500.1171	6.877	-0.169	10971370	GR	0.0	1	
2	C22-C32(ORO)	423.9671	29.689	0.000	22173516	GR	0.0	3	
	Group 1	500.1171		-0.169	10971370				
	Group 3	423.9671		0.000	22173516				
	Totals:	924.0842		-0.169	33144886				

Total Unidentified Counts : 0 counts

Detected Peaks: 4 Rejected Peaks: 0 Identified Peaks: 2

Multiplier: 1 Divisor: 1 Unidentified Peak Factor: 0

Baseline Offset: -37 microVolts

Noise (used): 150 microVolts - fixed value
Noise (monitored before this run): 125 microVolts

Rack: 1 Vial: 2 Injection Number: 1 Injection Volume: 3.0 ul

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000129

ASSOCIATED LABORATORIES
8015 / 8021 PREP SHEET

BATCH ID: DSLS 12/04/02

LAB REQUEST #		PREP METHOD	MATRIX TYPE	SAMPLE AMOUNT	SURR. ADDED	SPIKE ADDED	INITIAL WT/VOL	FINAL VOLUME	DATE EXT.	COMMENT
BLANK	1204	3510	S	10.0 g	100 ul	—	—	10 ml	1204	
LCS	1204					500	—			FOSTER W.
LCSD	1204					500	—			
102995-	051					—	—			
	052					—	—			
	053					—	—			
	054					—	—			
	055					—	—			
	056					—	—			
	057					—	—			
	058					—	—			
	059					—	—			
	060					—	—			

12/04/02

Solvent Manufacturer and Lot # Mallinckrodt 02342

Surrogate Lot # g-W-052

Spike Lot # g-W-151

EPA 8260:

Data & QA/QC

****

Varian Star Workstation - Generic SampleList Fri Dec 06 10:35:30 2002

SampleList: C:\SaturnWS\samplelist.smp

Created: Sun Oct 29 18:10:46 2000
Modified: Fri Dec 06 09:36:28 2002

****

Line	Sample Type	Sample Name
1	Analysis	50 ppb 8260 ccv
2	Analysis	method blank # 1
3	Analysis	50 ppb 8260 ccv # 1
4	Analysis	LCS # 1
5	Analysis	102995-051 5.29g
6	Analysis	102995-052 4.68g
7	Analysis	102995-053 5.47g
8	Analysis	102995-054 5.30g
9	Analysis	102995-055 5.15g
10	Analysis	102995-056 5.00g
11	Analysis	102995-057 4.98g
12	Analysis	102995-058 5.39g
13	Analysis	102995-059 5.03g
14	Analysis	102995-060 5.22g
15	Analysis	LCS soil
16	Analysis	LCSD soil
17	Analysis	LCS # 2
18	Analysis	method blank # 2
19	Analysis	50 ppb 8260 ccv # 2
20	Analysis	103020-250 5ml
21	Analysis	103021-251 5ml
22	Analysis	103022-252 5ml
23	Analysis	103023-253 5ml
24	Analysis	103024-254 5ml
25	Analysis	103025-255 5ml
26	Analysis	103026-256 5ml
27	Analysis	103027-257 5ml
28	Analysis	103028-258 5ml
29	Analysis	103029-259 5ml
30	Analysis	103028-258 5ml MS
31	Analysis	103028-258 5ml MSD

Directory for Data Files: c:\saturnws\data\6dec02

Data File Names: dec%i

Create and update a new RecalcList: c:\saturnws\8260list.rcl.

Overwrite the RecalcList each time the SampleList begins.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No: SDG No:

Instrument ID: GCMS # 6 Calibration Date(s): 8/7/02 8/7/02

Calibration Time(s): 18:30 23:14

Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

Index: 1	Level: 1	Replicate: 1	Acquired: 8/7/02 18:30	File: c:\saturnws\data\6aug02\aug1054.sms
Index: 2	Level: 2	Replicate: 1	Acquired: 8/7/02 19:17	File: C:\SaturnWS\data\6aug02\aug1055.SMS
Index: 3	Level: 3	Replicate: 1	Acquired: 8/7/02 20:04	File: C:\SaturnWS\data\6aug02\aug1056.SMS
Index: 4	Level: 4	Replicate: 1	Acquired: 8/7/02 20:51	File: c:\saturnws\data\6aug02\aug1057.sms
Index: 5	Level: 5	Replicate: 1	Acquired: 8/7/02 21:39	File: C:\SaturnWS\data\6aug02\aug1058.SMS
Index: 6	Level: 6	Replicate: 1	Acquired: 8/7/02 22:26	File: C:\SaturnWS\data\6aug02\aug1059.SMS
Index: 7	Level: 7	Replicate: 1	Acquired: 8/7/02 23:14	File: C:\SaturnWS\data\6aug02\aug1060.SMS

RRF = (Area(sample)/(Amount(sample))/(Area(standard)/Amount(standard))

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Dichlorodifluoromethane						0.000		**0.000**	
Chloromethane	0.251	0.196	0.237	0.203	0.190	0.174	0.171	**0.203**	**15.0**
Vinyl Chloride	0.439	0.360	0.477	0.413	0.417	0.426	0.447	**0.425**	**8.5**
Bromomethane	0.237	0.232	0.221	0.175	0.152	0.088	0.094	**0.171**	**36.9**
Trichlorofluoromethane	0.936	0.894	1.005	0.905	0.886	0.890	0.892	**0.915**	**4.7**
Trichlorotrifluoroethane (Freon 113)			0.003	0.002	0.002	0.001	0.001	**0.002**	**47.6**
1,1-Dichloroethene	0.888	0.917	1.056	1.101	0.989	1.009	1.043	**1.000**	**7.6**
Acetone	0.073	0.057	0.053	0.046	0.053	0.048	0.061	**0.056**	**16.3**
Carbon disulfide	0.009	0.003	0.001	0.000	0.000	0.000		**0.002**	**155.4**
Acetonitrile	0.252	0.258	0.251	0.221	0.223	0.203	0.210	**0.231**	**9.5**
Allyl chloride					0.002	0.002	0.002	**0.002**	**4.7**
Methylene Chloride	1.826	1.103	1.052	0.943	0.952	0.932	0.958	**1.110**	**29.0**
tert-Butanol	0.006	0.020	0.021	0.019		0.021		**0.018**	**35.8**

0001131

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
Methyl-tert-butyl-ether (MTBE)	0.524	0.482	0.493	0.485	0.557	0.560	0.628	**0.533**	**10.0**
t-1,2-Dichloroethene	1.064	0.935	0.929	0.770	0.703	0.667	0.623	**0.813**	**20.3**
1,1-Dichloroethane	0.674	0.625	0.635	0.567	0.528	0.510	0.492	**0.576**	**12.2**
Isopropyl ether	0.893	0.843	0.832	0.746	0.721	0.679	0.675	**0.770**	**11.2**
Ethyl-tert-butyl-ether	0.949	0.946	0.921	0.805	0.772	0.725	0.721	**0.834**	**12.2**
2,2-Dichloropropane	0.981	0.885	0.916	0.813	0.786	0.778	0.774	**0.847**	**9.5**
c-1,2-Dichloroethene	0.860	0.871	0.888	0.829	0.839	0.837	0.856	**0.854**	**2.4**
2-Butanone (MEK)	0.087	0.076	0.074	0.066	0.083	0.078	0.095	**0.080**	**11.8**
Bromochloromethane	0.471	0.508	0.519	0.490	0.523	0.504	0.539	**0.508**	**4.4**
Methacrylonitrile	0.512	0.475	0.493	0.451	0.429	0.425	0.429	**0.459**	**7.6**
Chloroform	1.030	1.019	1.060	0.996	1.017	1.024	1.068	**1.030**	**2.4**
1,1,1-Trichloroethane	1.307	1.258	1.371	1.261	1.263	1.297	1.350	**1.301**	**3.5**
Dibromofluoromethane (Surr1)	0.207	0.217	0.209	0.210	0.212	0.214	0.226	**0.214**	**2.9**
Carbon Tetrachloride	0.960	1.004	1.101	1.006	1.013	1.044	1.098	**1.032**	**5.1**
1,1-Dichloropropene	0.797	0.624	0.597	0.437	0.391	0.508	0.313	**0.524**	**31.2**
Benzene	0.931	0.786	0.791	0.729	0.752	0.751	0.780	**0.789**	**8.4**
1,2-Dichloroethane-d4 (Surr2)	0.303	0.295	0.269				0.203	**0.268**	**16.9**
1,2-Dichloroethane	0.653	0.630	0.594	0.504	0.483	0.435	0.439	**0.534**	**17.0**
tert-Amyl-methyl-ether	1.016	0.951	0.941	0.865	0.898	0.854	0.910	**0.919**	**6.0**
Trichloroethene	1.889	1.663	1.754	1.662	1.640	1.601	1.654	**1.695**	**5.7**
1,2-Dichloropropane	0.516	0.508	0.479	0.428	0.401	0.376	0.364	**0.439**	**14.2**
Dibromomethane	0.578	0.584	0.609	0.552	0.565	0.537	0.571	**0.571**	**4.1**
Bromodichloromethane	1.214	1.230	1.232	1.185	1.178	1.175	1.226	**1.206**	**2.1**
2-Chloroethyl vinyl ether	0.298	0.286	0.311	0.267	0.285	0.251	0.275	**0.282**	**7.0**
c-1,3-Dichloropropene	1.503	1.400	1.382	1.276	1.236	1.201	1.194	**1.313**	**8.9**
4-Methyl-2-pentanone	0.389	0.376	0.404	0.361	0.370	0.332	0.352	**0.369**	**6.4**
Toluene-d8 (Surr3)	1.490	1.480	1.481	1.430	1.430	1.403	1.386	**1.443**	**2.9**
Toluene	4.123	3.621	3.727	3.415	3.323	3.312	3.310	**3.547**	**8.5**
t-1,3-Dichloropropene	0.718	0.631	0.627	0.578	0.595	0.002	0.596	**0.535**	**44.8**
1,1,2-Trichloroethane	0.578	0.672	0.695	0.661	0.671	0.648	0.679	**0.658**	**5.8**
Tetrachloroethene	0.191	0.155	0.156	0.147	0.142	0.142	0.147	**0.154**	**11.0**
1,3-Dichloropropane	1.003	0.983	0.989	0.938	0.975	0.948	1.009	**0.978**	**2.7**
Dibromochloromethane	0.687	0.735	0.758	0.700	0.738	0.708	0.747	**0.725**	**3.6**
1,2-Dibromoethane	0.806	0.783	0.852	0.773	0.824	0.773	0.832	**0.806**	**3.9**

000132

Compound	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	Avg RRF	% RSD
1-Chlorohexane	3.034	2.639	2.670	2.386	2.319	2.229	2.227	2.501	11.8
Chlorobenzene	2.388	2.020	2.112	1.917	1.918	1.936	1.961	2.036	8.3
Ethylbenzene	10.331	8.560	8.577	8.176	8.206	8.552	8.905	8.758	8.4
1,1,1,2-Tetrachloroethane	24.225	5.781	2.246	1.171	0.787	0.624	0.514	5.050	171.4
p,m-Xylenes	9.172	7.293	7.251	6.846	6.766	7.106	7.425	7.408	11.0
o-Xylene	9.005	7.410	7.569	7.283	7.214	7.447	7.613	7.649	8.0
Styrene	5.401	4.590	4.611	4.452	4.571	4.806	5.044	4.782	7.0
Bromoform	1.136	1.025	1.005	0.946	0.986	0.959	1.004	1.009	6.2
Isopropylbenzene	9.768	8.467	8.494	8.019	7.826	8.078	8.319	8.424	7.6
cis-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
p-Bromofluorobenzene (Surr4)	1.404	1.382	1.344	1.356	1.350	1.368	1.388	1.370	1.6
1,1,2,2-Tetrachloroethane	1.458	1.567	1.507	1.349	1.404	1.386	1.450	1.446	5.1
Bromobenzene	4.000	3.668	3.508	3.266	3.120	3.067	3.051	3.383	10.6
n-Propylbenzene	11.098	9.414	9.619	9.181	9.149	9.467	9.800	9.676	6.9
trans-1,4-Dichloro-2-butene	0.737	0.657	0.613	0.565	0.573	0.544	0.595	0.612	10.8
1,2,3-Trichloropropane	1.083	0.999	0.927	0.824	0.825	0.776	0.842	0.897	12.4
2-Chlorotoluene	7.825	6.501	6.151	5.826	5.710	5.782	5.900	6.242	12.0
1,3,5-Trimethylbenzene	9.214	7.748	7.752	7.247	7.070	7.273	7.475	7.683	9.4
4-Chlorotoluene	6.528	5.609	5.569	5.388	5.261	5.270	5.393	5.574	7.9
tert-Butylbenzene	12.564	10.652	10.592	9.794	9.456	9.684	9.530	10.325	10.7
1,2,4-Trimethylbenzene	8.218	7.186	7.075	6.575	6.494	6.574	6.643	6.966	8.8
Pentachloroethane		0.034	0.030	0.032	0.029	0.031	0.033	0.031	5.8
sec-Butylbenzene	9.996	8.283	8.328	7.913	7.738	7.890	7.816	8.280	9.5
4-Isopropyltoluene	6.605	5.598	5.590	5.099	4.902	4.961	4.948	5.386	11.4
1,3-Dichlorobenzene	3.957	3.742	3.706	3.528	3.439	3.407	3.451	3.604	5.7
1,4-Dichlorobenzene	4.021	3.479	3.377	3.287	3.257	3.227	3.239	3.412	8.3
Benzyl Chloride	5.145	4.341	4.321	4.052	3.981	4.030	3.997	4.267	9.7
n-Butylbenzene	7.021	5.980	6.124	5.938	5.964	6.192	6.250	6.210	6.1
1,2-Dichlorobenzene	3.323	3.326	3.220	3.096	3.169	3.164	3.256	3.222	2.7
1,2-Dibromo-3-chloropropane	0.493	0.423	0.460	0.440	0.480	0.453	0.520	0.467	7.1
1,2,4-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1
Hexachlorobutadiene	1.531	1.225	1.202	1.165	1.166	1.177	1.223	1.241	10.5
Naphthalene	1.598	1.418	1.353	1.358	1.524	1.531	1.749	1.504	9.5
1,2,3-Trichlorobenzene	1.986	1.537	1.485	1.470	1.598	1.578	1.721	1.625	11.1

VOLATILE CONTINUING CALIBRATION CHECK

EPA Method 8260A

Lab Name: Associated Labs Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: GCMS # 6 Continuing Calibration Date: 12/5/02 Time: 11:41

Initial Calibration Date: 8/7/02 8/7/02

Initial Calibration Time: 18:30 23:14

Initial Calibration File: C:\SaturnWS\data\6aug02\aug1060.SMS

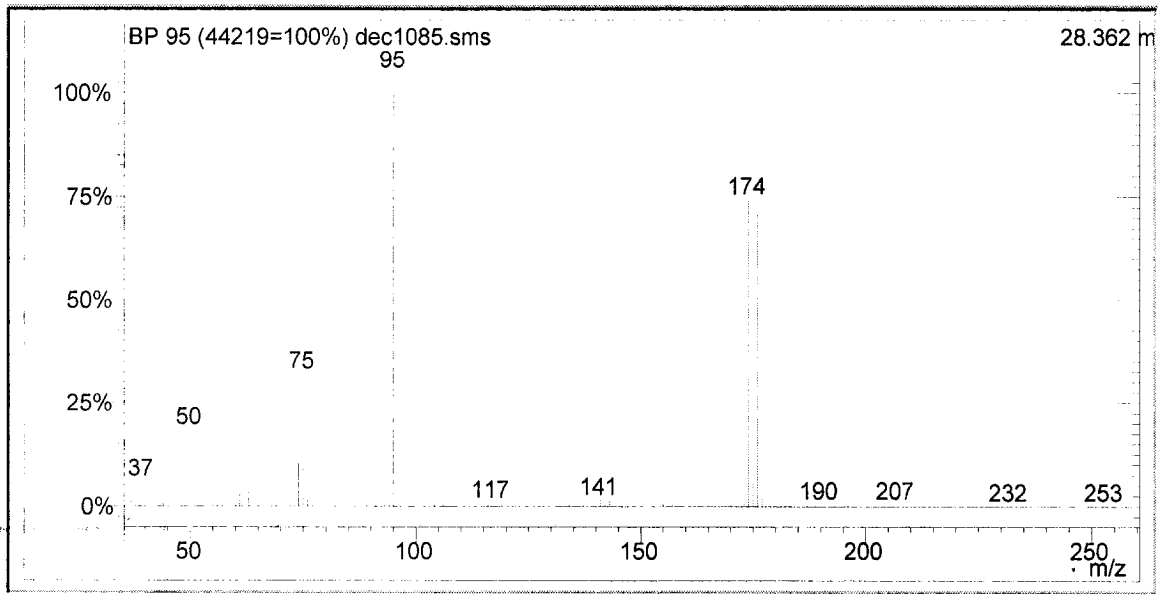
Lab File ID: c:\saturnws\data\6dec02\dec1086.SMS

RRF = (Area(sample)/Amount(sample))/(Area(standard)/Amount(standard))

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
Dichlorodifluoromethane	0.000	0.000	0.100	13.5	20.0
Chloromethane	0.203	0.264	0.100	-29.8	20.0
Vinyl Chloride	0.425	0.456	0.100	-7.3	20.0
Bromomethane	0.171	0.000	0.100	100.0	20.0
Trichlorofluoromethane	0.915	1.115	0.100	-21.8	20.0
Trichlorotrifluoroethane (Freon 113)	0.002	0.000	0.100	100.0	20.0
1,1-Dichloroethene	1.000	1.265	0.100	-26.5	20.0
Acetone	0.056	0.055	0.100	2.1	20.0
Carbon disulfide	0.002	0.000	0.100	100.0	20.0
Acetonitrile	0.231	0.000	0.100	100.0	20.0
Allyl chloride	0.002	0.000	0.100	100.0	20.0
Methylene Chloride	1.110	1.055	0.100	4.9	20.0
tert-Butanol	0.018	0.093	0.100	-430.1	20.0
Methyl-tert-butyl-ether (MTBE)	0.533	0.485	0.100	9.0	20.0
t-1,2-Dichloroethene	0.813	0.972	0.100	-19.6	20.0
1,1-Dichloroethane	0.576	0.668	0.100	-15.9	20.0
Isopropyl ether	0.770	0.913	0.100	-18.7	20.0
Ethyl-tert-butyl-ether	0.834	0.929	0.100	-11.3	20.0
2,2-Dichloropropane	0.847	0.935	0.100	-10.3	20.0
c-1,2-Dichloroethene	0.854	0.911	0.100	-6.6	20.0
2-Butanone (MEK)	0.080	0.083	0.100	-4.0	20.0
Bromochloromethane	0.508	0.506	0.100	0.4	20.0
Methacrylonitrile	0.459	0.000	0.100	100.0	20.0
Chloroform	1.030	1.043	0.100	-1.3	20.0
1,1,1-Trichloroethane	1.301	1.337	0.100	-2.7	20.0
Dibromofluoromethane (Surr1)	0.214	0.229	0.100	-7.3	20.0
Carbon Tetrachloride	1.032	1.068	0.100	-3.5	20.0
1,1-Dichloropropene	0.524	0.000	0.100	100.0	20.0
Benzene	0.789	0.776	0.100	1.6	20.0
1,2-Dichloroethane-d4 (Surr2)	0.267	0.268	0.100	-0.4	20.0
1,2-Dichloroethane	0.534	0.578	0.100	-8.2	20.0
tert-Amyl-methyl-ether	0.919	0.901	0.100	2.0	20.0
Trichloroethene	1.695	1.761	0.100	-3.9	20.0
1,2-Dichloropropane	0.439	0.467	0.100	-6.3	20.0
Dibromomethane	0.571	0.573	0.100	-0.4	20.0
Bromodichloromethane	1.206	1.155	0.100	4.2	20.0

Compound	AvgRRF	RRF	MinRRF	% D	Max %D
2-Chloroethyl vinyl ether	0.282	0.280	0.100	0.7	20.0
c-1,3-Dichloropropene	1.313	1.305	0.100	0.7	20.0
4-Methyl-2-pentanone	0.369	0.380	0.100	-2.9	20.0
Toluene-d8 (Surr3)	1.443	1.419	0.100	1.7	20.0
Toluene	3.547	3.665	0.100	-3.3	20.0
t-1,3-Dichloropropene	0.535	0.548	0.100	-2.3	20.0
1,1,2-Trichloroethane	0.658	0.665	0.100	-1.1	20.0
Tetrachloroethene	0.154	0.159	0.100	-2.8	20.0
1,3-Dichloropropane	0.978	0.899	0.100	8.1	20.0
Dibromochloromethane	0.725	0.712	0.100	1.8	20.0
1,2-Dibromoethane	0.806	0.746	0.100	7.4	20.0
1-Chlorohexane	2.501	2.599	0.100	-3.9	20.0
Chlorobenzene	2.036	1.992	0.100	2.2	20.0
Ethylbenzene	8.758	8.801	0.100	-0.5	20.0
1,1,1,2-Tetrachloroethane	5.050	2.080	0.100	58.8	20.0
p,m-Xylenes	7.408	7.553	0.100	-2.0	20.0
o-Xylene	7.649	7.907	0.100	-3.4	20.0
Styrene	4.782	4.701	0.100	1.7	20.0
Bromoform	1.009	1.034	0.100	-2.6	20.0
Isopropylbenzene	8.424	8.802	0.100	-4.5	20.0
cis-1,4-Dichloro-2-butene	0.612	0.555	0.100	9.3	20.0
p-Bromofluorobenzene (Surr4)	1.370	1.443	0.100	-5.3	20.0
1,1,2,2-Tetrachloroethane	1.446	1.375	0.100	4.9	20.0
Bromobenzene	3.383	3.416	0.100	-1.0	20.0
n-Propylbenzene	9.676	9.803	0.100	-1.3	20.0
trans-1,4-Dichloro-2-butene	0.612	0.557	0.100	9.0	20.0
1,2,3-Trichloropropane	0.897	0.866	0.100	3.4	20.0
2-Chlorotoluene	6.242	6.444	0.100	-3.2	20.0
1,3,5-Trimethylbenzene	7.683	8.534	0.100	-11.1	20.0
4-Chlorotoluene	5.574	6.017	0.100	-7.9	20.0
tert-Butylbenzene	10.325	10.955	0.100	-6.1	20.0
1,2,4-Trimethylbenzene	6.966	7.644	0.100	-9.7	20.0
Pentachloroethane	0.031	0.036	0.100	-14.4	20.0
sec-Butylbenzene	8.280	8.639	0.100	-4.3	20.0
4-Isopropyltoluene	5.386	6.040	0.100	-12.1	20.0
1,3-Dichlorobenzene	3.604	3.896	0.100	-8.1	20.0
1,4-Dichlorobenzene	3.412	3.451	0.100	-1.1	20.0
Benzyl Chloride	4.267	4.575	0.100	-7.2	20.0
n-Butylbenzene	6.210	6.490	0.100	-4.5	20.0
1,2-Dichlorobenzene	3.222	3.293	0.100	-2.2	20.0
1,2-Dibromo-3-chloropropane	0.467	0.399	0.100	14.6	20.0
1,2,4-Trichlorobenzene	1.625	1.643	0.100	-1.1	20.0
Hexachlorobutadiene	1.241	1.167	0.100	6.0	20.0
Naphthalene	1.504	1.312	0.100	12.8	20.0
1,2,3-Trichlorobenzene	1.625	1.384	0.100	14.8	20.0

BFB 8260B Report



Lab File ID dec1085.sms

Injection Date: 12/5/02

Injection Time: 10:54

Mass	Acceptance Criterion	Value	Pass/Fail
50	15-40% of m/z 95	18.54	PASS
75	30-60% of m/z 95	32.05	PASS
95	base peak	100.00	PASS
96	5-9% of m/z 95	6.87	PASS
173	<2% of m/z 174	0.73	PASS
174	>50% of m/z 95	74.42	PASS
175	5-9% of m/z 174	7.99	PASS
176	>95% but <101% of m/z 174	96.32	PASS
177	5-9% of m/z 176	7.21	PASS

000136

soil

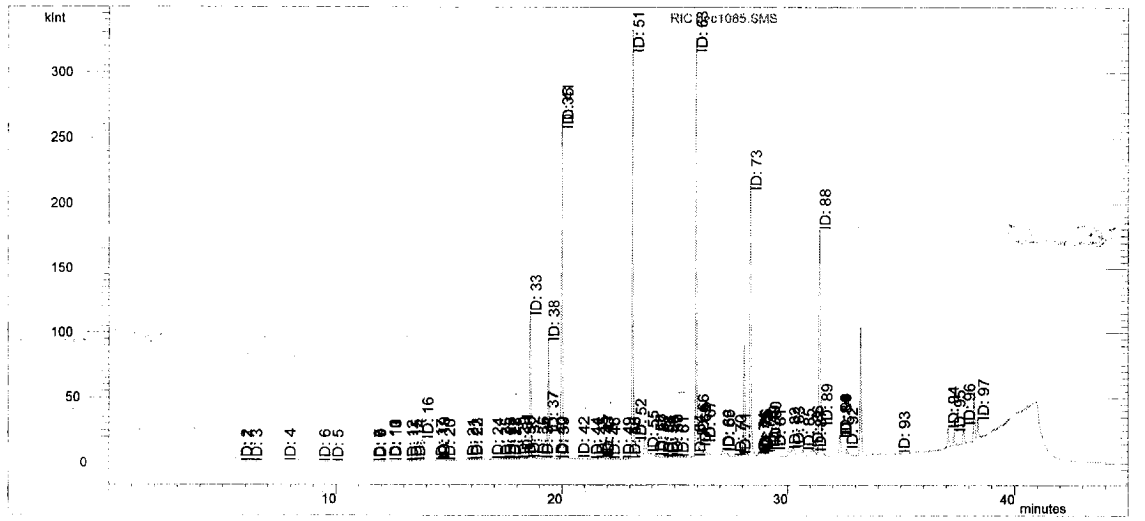
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1085.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: method blank # 1 **Acquisition Dat** 12/5/02 10:54:10 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.993	96+70	Fluorobenzene (IS1)	999	443911	50.000
63	25.944	117	Chlorobenzene-d5(IS2)	983	264286	50.000
88	31.414	152	1,4-Dichlorobenzene-d4(IS3)	970	110585	50.000
1	5.833	85	Dichlorodifluoromethane	104	0	0.000
2	5.818	50+52	Chloromethane	665	0	0.000
3	6.255	62+64	Vinyl Chloride	807	0	0.000
4	7.743	94+96	Bromomethane	840	0	0.000
5	9.846	49	Chloroethane	366	0	0.000
6	9.266	101+103	Trichlorofluoromethane	842	528	0.065
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	522	0	0.000
8	11.654	56	Acrolein	715	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	904	0	0.000
10	12.344	142	Iodomethane	920	269	269.005
11	12.348	43+58	Acetone	804	0	0.000
12	13.129	45	Isopropyl alcohol (2-Propanol)	439	0	0.000
13	12.411	76	Carbon disulfide	945	0	0.000
14	13.461	41	Acetonitrile	555	0	0.000
15	13.307	41	Allyl chloride	655	0	0.000
16	13.814	84+49+86	Methylene Chloride	994	37587	3.815
17	14.419	59	tert-Butanol	434	199	1.273
18	14.546	73	Methyl-tert-butyl-ether (MTBE)	873	1545	0.327
19	14.530	61+96	t-1,2-Dichloroethene	861	0	0.000
20	14.786	53	Acrylonitrile	669	0	0.000
21	15.812	63	1,1-Dichloroethane	760	0	0.000
22	16.017	43	Vinyl acetate	778	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.978	45	Isopropyl ether	707	0	0.000
24	16.917	59	Ethyl-tert-butyl-ether	708	0	0.000
25	17.260	77+41	2,2-Dichloropropane	484	0	0.000
26	17.466	61+96	c-1,2-Dichloroethene	914	0	0.000
27	17.620	43+72	2-Butanone (MEK)	497	0	0.000
28	17.698	54	Propionitrile	463	0	0.000
29	18.053	130+49	Bromochloromethane	926	659	0.146
30	18.353	39	Methacrylonitrile	348	0	0.000
31	18.223	83+85	Chloroform	989	7160	0.783
32	18.531	97+99	1,1,1-Trichloroethane	642	0	0.000
33	18.598	111	Dibromofluoromethane (Surr1)	874	100196	52.840
34	19.113	117+119	Carbon Tetrachloride	525	0	0.000
35	19.989	42+72	Tetrahydrofuran	321	546	546.393
36	18.923	75+39	1,1-Dichloropropene	784	0	0.000
37	19.358	78	Benzene	838	1334	0.191
38	19.394	65	1,2-Dichloroethane-d4 (Surr2)	950	129649	54.676
39	19.812	62+64	1,2-Dichloroethane	675	0	0.000
40	19.724	73+55+87	tert-Amyl-methyl-ether	650	0	0.000
42	20.727	130+132+95	Trichloroethene	926	711	0.079
43	21.782	41	Methyl methacrylate	295	0	0.000
44	21.296	63+65	1,2-Dichloropropane	579	0	0.000
45	21.537	93+174	Dibromomethane	880	0	0.000
46	22.078	88	1,4-Dioxane	557	0	0.000
47	21.820	83+85	Bromodichloromethane	958	4223	0.663
48	22.989	63+43	2-Chloroethyl vinyl ether	656	0	0.000
49	22.705	75+77+39	c-1,3-Dichloropropene	790	0	0.000
50	22.989	43+58	4-Methyl-2-pentanone	670	0	0.000
51	23.122	98	Toluene-d8 (Surr3)	993	401594	52.658
52	23.256	92+91	Toluene	968	14316	0.764
53	24.491	69	Ethyl methacrylate	670	0	0.000
54	24.696	43+58+100	2-Hexanone	440	0	0.000
55	23.797	75+77	t-1,3-Dichloropropene	544	0	0.000
56	24.144	97+99	1,1,2-Trichloroethane	636	0	0.000
57	24.257	164+166	Tetrachloroethene	699	135	0.165
58	24.491	76+41	1,3-Dichloropropane	743	0	0.000
59	24.672	43	Isobutyl alcohol	276	0	0.000
60	24.874	129+127	Dibromochloromethane	864	1014	0.265
61	25.146	107+109	1,2-Dibromoethane	850	0	0.000
62	26.104	91	1-Chlorohexane	985	0	0.000
64	25.876	112+114	Chlorobenzene	666	0	0.000
65	26.105	106+91	Ethylbenzene	985	3848	0.199
66	26.014	131+117	1,1,1,2-Tetrachloroethane	415	0	0.000
67	26.323	106+91	p,m-Xylenes	991	11148	0.680
68	27.134	106+91	o-Xylene	967	4361	0.258
69	27.181	104+78	Styrene	933	0	0.000
70	27.682	171+173+175	Bromoform	812	0	0.000
71	27.866	105+120	Isopropylbenzene	981	2286	0.123
72	28.866	75	cis-1,4-Dichloro-2-butene	715	0	0.000
73	28.352	95	p-Bromofluorobenzene (Surr4)	988	164611	54.317
74	28.701	83+85	1,1,2,2-Tetrachloroethane	695	0	0.000
75	28.746	77+158	Bromobenzene	963	2853	0.381
76	28.803	91+120	n-Propylbenzene	953	5596	0.261

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.122	75	trans-1,4-Dichloro-2-butene	431	0	0.000
78	28.866	75+110	1,2,3-Trichloropropane	670	0	0.000
79	29.150	91+126	2-Chlorotoluene	968	0	0.000
80	29.223	105+120	1,3,5-Trimethylbenzene	970	5890	0.347
81	29.424	91+126	4-Chlorotoluene	969	0	0.000
82	30.067	119+91	tert-Butylbenzene	971	12593	0.551
83	30.238	105+120	1,2,4-Trimethylbenzene	993	19655	1.276
84	32.340	117	Pentachloroethane	989	0	0.000
85	30.696	105+134	sec-Butylbenzene	984	0	0.000
86	31.093	119	4-Isopropyltoluene	985	9570	0.803
87	31.213	146+148	1,3-Dichlorobenzene	951	5615	0.704
89	31.489	146+148	1,4-Dichlorobenzene	657	8031	1.064
90	32.317	91	Benzyl Chloride	990	22622	2.397
91	32.318	91+134	n-Butylbenzene	989	30510	2.221
92	32.625	146+148	1,2-Dichlorobenzene	981	7593	1.066
93	34.917	75+157	1,2-Dibromo-3-chloropropane	837	0	0.000
94	37.077	180+182	1,2,4-Trichlorobenzene	976	15030	4.182
95	37.348	225+226	Hexachlorobutadiene	980	4824	1.757
96	37.769	128	Naphthalene	981	18181	5.464
97	38.393	180+182	1,2,3-Trichlorobenzene	980	13726	3.819

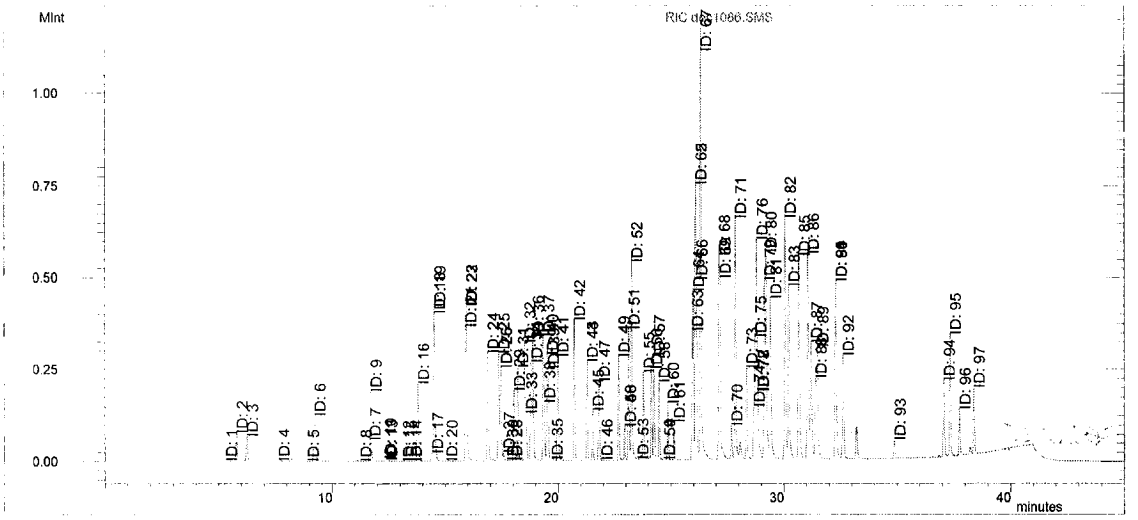
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1086.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 50 ppb 8260 ccv # 1 **Acquisition Dat** 12/5/02 11:41:55 AM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.990	96+70	Fluorobenzene (IS1)	999	474321	50.000
63	25.943	117	Chlorobenzene-d5(IS2)	987	301313	50.000
88	31.417	152	1,4-Dichlorobenzene-d4(IS3)	966	128560	50.000
1	5.335	85	Dichlorodifluoromethane	527	145	43.252
2	5.802	50+52	Chloromethane	995	125130	64.910
3	6.245	62+64	Vinyl Chloride	999	216492	53.635
4	7.649	94+96	Bromomethane	678	0	0.000
5	8.921	49	Chloroethane	417	0	0.000
6	9.228	101+103	Trichlorofluoromethane	993	528933	60.907
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	800	0	0.000
8	11.252	56	Acrolein	667	0	0.000
9	11.699	96+61+98	1,1-Dichloroethene	999	599974	63.230
10	12.321	142	Iodomethane	960	1912	1911.874
11	12.339	43+58	Acetone	985	25942	48.974
12	13.135	45	Isopropyl alcohol (2-Propanol)	632	0	0.000
13	12.393	76	Carbon disulfide	909	0	0.000
14	13.470	41	Acetonitrile	655	0	0.000
15	13.250	41	Allyl chloride	704	0	0.000
16	13.802	84+49+86	Methylene Chloride	996	500416	47.540
17	14.414	59	tert-Butanol	570	44175	265.056
18	14.513	73	Methyl-tert-butyl-ether (MTBE)	930	229909	45.493
19	14.526	61+96	t-1,2-Dichloroethene	988	461172	59.798
20	15.050	53	Acrylonitrile	608	0	0.000
21	15.912	63	1,1-Dichloroethane	985	316612	57.955
22	15.940	43	Vinyl acetate	820	174114	174113.600

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.940	45	Isopropyl ether	981	433287	59.340
24	16.886	59	Ethyl-tert-butyl-ether	999	440561	55.671
25	17.363	77+41	2,2-Dichloropropane	993	443264	55.143
26	17.457	61+96	c-1,2-Dichloroethene	990	432008	53.314
27	17.570	43+72	2-Butanone (MEK)	963	39460	51.985
28	17.912	54	Propionitrile	418	0	0.000
29	18.042	130+49	Bromochloromethane	990	239892	49.821
30	17.743	39	Methacrylonitrile	383	0	0.000
31	18.215	83+85	Chloroform	999	494886	50.631
32	18.523	97+99	1,1,1-Trichloroethane	983	633944	51.371
33	18.594	111	Dibromofluoromethane (Surr1)	925	108705	53.651
34	18.811	117+119	Carbon Tetrachloride	967	506707	51.737
35	19.715	42+72	Tetrahydrofuran	718	0	0.000
36	18.889	75+39	1,1-Dichloropropene	994	0	0.000
37	19.349	78	Benzene	996	367838	49.175
38	19.394	65	1,2-Dichloroethane-d4 (Surr2)	985	127197	50.203
39	19.560	62+64	1,2-Dichloroethane	985	274053	54.080
40	19.525	73+55+87	tert-Amyl-methyl-ether	967	427427	49.019
42	20.723	130+132+95	Trichloroethene	988	530496	51.944
43	21.286	41	Methyl methacrylate	518	105466	105465.800
44	21.286	63+65	1,2-Dichloropropane	999	140580	53.136
45	21.539	93+174	Dibromomethane	957	172760	50.212
46	21.928	88	1,4-Dioxane	647	0	0.000
47	21.815	83+85	Bromodichloromethane	991	348094	47.911
48	22.951	63+43	2-Chloroethyl vinyl ether	989	84364	49.651
49	22.691	75+77+39	c-1,3-Dichloropropene	991	393114	49.669
50	22.951	43+58	4-Methyl-2-pentanone	989	114416	51.451
51	23.122	98	Toluene-d8 (Surr3)	993	427441	49.160
52	23.253	92+91	Toluene	997	1104197	51.652
53	23.526	69	Ethyl methacrylate	490	0	0.000
54	24.699	43+58+100	2-Hexanone	485	0	0.000
55	23.785	75+77	t-1,3-Dichloropropene	650	164977	51.154
56	24.146	97+99	1,1,2-Trichloroethane	972	200452	50.562
57	24.259	164+166	Tetrachloroethene	931	47807	51.408
58	24.486	76+41	1,3-Dichloropropane	986	270848	45.965
59	24.699	43	Isobutyl alcohol	484	0	0.000
60	24.872	129+127	Dibromochloromethane	957	214495	49.117
61	25.143	107+109	1,2-Dibromoethane	986	224867	46.291
62	26.103	91	1-Chlorohexane	997	783049	51.965
64	25.999	112+114	Chlorobenzene	993	600095	48.911
65	26.103	106+91	Ethylbenzene	997	1131519	50.247
66	26.144	131+117	1,1,1,2-Tetrachloroethane	982	267355	20.592
67	26.322	106+91	p,m-Xylenes	996	1942018	101.953
68	27.136	106+91	o-Xylene	998	1016506	51.687
69	27.182	104+78	Styrene	988	604385	49.152
70	27.685	171+173+175	Bromoform	925	132977	51.277
71	27.859	105+120	Isopropylbenzene	999	1131602	52.241
72	28.854	75	cis-1,4-Dichloro-2-butene	968	71349	45.332
73	28.353	95	p-Bromofluorobenzene (Surr4)	986	185485	52.647
74	28.681	83+85	1,1,2,2-Tetrachloroethane	965	176810	47.561
75	28.741	77+158	Bromobenzene	985	439222	50.494
76	28.800	91+120	n-Propylbenzene	995	1260263	50.658

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.854	75	trans-1,4-Dichloro-2-butene	365	71604	45.494
78	28.855	75+110	1,2,3-Trichloropropane	967	111372	48.308
79	29.143	91+126	2-Chlorotoluene	992	828415	51.616
80	29.216	105+120	1,3,5-Trimethylbenzene	998	1097082	55.539
81	29.425	91+126	4-Chlorotoluene	992	773520	53.970
82	30.061	119+91	tert-Butylbenzene	987	1408329	53.051
83	30.232	105+120	1,2,4-Trimethylbenzene	995	982734	54.866
84	32.312	117	Pentachloroethane	990	4601	57.209
85	30.679	105+134	sec-Butylbenzene	997	1110660	52.167
86	31.073	119	4-Isopropyltoluene	987	776512	56.070
87	31.209	146+148	1,3-Dichlorobenzene	984	500897	54.049
89	31.490	146+148	1,4-Dichlorobenzene	985	443647	50.563
90	32.312	91	Benzyl Chloride	991	588131	53.610
91	32.311	91+134	n-Butylbenzene	991	834338	52.255
92	32.626	146+148	1,2-Dichlorobenzene	985	423406	51.112
93	34.904	75+157	1,2-Dibromo-3-chloropropane	963	51250	42.679
94	37.072	180+182	1,2,4-Trichlorobenzene	976	211205	50.550
95	37.346	225+226	Hexachlorobutadiene	981	149996	46.996
96	37.767	128	Naphthalene	981	168672	43.605
97	38.388	180+182	1,2,3-Trichlorobenzene	983	177965	42.594

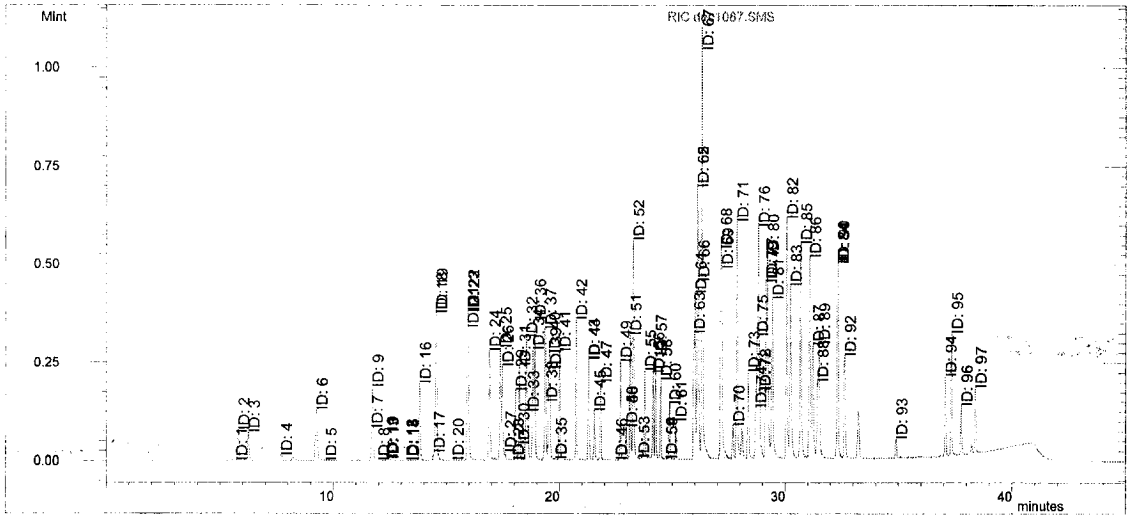
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1087.S MS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS # 1 **Acquisition Dat** 12/5/02 12:28:55 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	996	443999	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	987	273154	50.000
88	31.422	152	1,4-Dichlorobenzene-d4(IS3)	966	117769	50.000
1	5.715	85	Dichlorodifluoromethane	566	0	0.000
2	5.810	50+52	Chloromethane	996	122556	67.916
3	6.255	62+64	Vinyl Chloride	999	218972	57.955
4	7.701	94+96	Bromomethane	790	2050	1.348
5	9.661	49	Chloroethane	130	0	0.000
6	9.249	101+103	Trichlorofluoromethane	992	536828	66.038
7	11.678	101+151	Trichlorotrifluoroethane (Freon 113)	825	0	0.000
8	11.980	56	Acrolein	715	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	999	579514	65.245
10	12.351	142	Iodomethane	957	895	895.488
11	12.362	43+58	Acetone	986	23071	46.528
12	13.223	45	Isopropyl alcohol (2-Propanol)	496	0	0.000
13	12.402	76	Carbon disulfide	930	0	0.000
14	13.298	41	Acetonitrile	699	0	0.000
15	13.275	41	Allyl chloride	720	0	0.000
16	13.816	84+49+86	Methylene Chloride	999	471784	47.881
17	14.435	59	tert-Butanol	589	41532	266.217
18	14.528	73	Methyl-tert-butyl-ether (MTBE)	935	209013	44.183
19	14.541	61+96	t-1,2-Dichloroethene	988	431281	59.741
20	15.279	53	Acrylonitrile	431	0	0.000
21	15.925	63	1,1-Dichloroethane	986	296189	57.920
22	15.954	43	Vinyl acetate	817	159710	159710.100

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.954	45	Isopropyl ether	997	397632	58.176
24	16.898	59	Ethyl-tert-butyl-ether	998	416606	56.239
25	17.377	77+41	2,2-Dichloropropane	993	439962	58.470
26	17.468	61+96	c-1,2-Dichloroethene	991	415816	54.820
27	17.584	43+72	2-Butanone (MEK)	951	35401	49.823
28	17.939	54	Propionitrile	512	0	0.000
29	18.053	130+49	Bromochloromethane	995	226266	50.200
30	18.185	39	Methacrylonitrile	434	0	0.000
31	18.226	83+85	Chloroform	1000	474950	51.910
32	18.534	97+99	1,1,1-Trichloroethane	983	623040	53.935
33	18.604	111	Dibromofluoromethane (Surr1)	929	103657	54.654
34	18.822	117+119	Carbon Tetrachloride	968	519118	56.624
35	19.831	42+72	Tetrahydrofuran	683	0	0.000
36	18.903	75+39	1,1-Dichloropropene	993	0	0.000
37	19.361	78	Benzene	996	355802	50.815
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	998	114663	48.346
39	19.571	62+64	1,2-Dichloroethane	977	253410	53.422
40	19.535	73+55+87	tert-Amyl-methyl-ether	979	404249	49.527
42	20.732	130+132+95	Trichloroethene	986	519794	56.143
43	21.296	41	Methyl methacrylate	532	99913	99913.140
44	21.296	63+65	1,2-Dichloropropane	999	131312	54.749
45	21.547	93+174	Dibromomethane	954	160846	51.569
46	22.499	88	1,4-Dioxane	614	10	10.306
47	21.824	83+85	Bromodichloromethane	990	331017	50.258
48	22.959	63+43	2-Chloroethyl vinyl ether	989	77585	50.368
49	22.699	75+77+39	c-1,3-Dichloropropene	991	359185	50.060
50	22.959	43+58	4-Methyl-2-pentanone	989	104586	51.879
51	23.130	98	Toluene-d8 (Surr3)	993	411892	52.255
52	23.261	92+91	Toluene	997	1063547	54.879
53	23.497	69	Ethyl methacrylate	465	0	0.000
54	24.727	43+58+100	2-Hexanone	431	0	0.000
55	23.793	75+77	t-1,3-Dichloropropene	639	158424	54.187
56	24.154	97+99	1,1,2-Trichloroethane	971	178902	49.778
57	24.266	164+166	Tetrachloroethene	966	45825	54.357
58	24.494	76+41	1,3-Dichloropropane	987	247819	46.392
59	24.727	43	Isobutyl alcohol	632	0	0.000
60	24.882	129+127	Dibromochloromethane	957	199581	50.413
61	25.153	107+109	1,2-Dibromoethane	986	206625	46.921
62	26.110	91	1-Chlorohexane	997	732218	53.601
64	26.007	112+114	Chlorobenzene	994	543939	48.905
65	26.110	106+91	Ethylbenzene	997	1053512	51.069
66	26.151	131+117	1,1,1,2-Tetrachloroethane	981	249219	20.954
67	26.328	106+91	p,m-Xylenes	996	1822266	104.432
68	27.143	106+91	o-Xylene	999	992076	55.067
69	27.189	104+78	Styrene	987	587887	52.191
70	27.694	171+173+175	Bromoform	931	118138	49.730
71	27.866	105+120	Isopropylbenzene	999	1073533	54.102
72	28.864	75	cis-1,4-Dichloro-2-butene	971	69491	48.197
73	28.360	95	p-Bromofluorobenzene (Surr4)	989	173392	53.724
74	28.689	83+85	1,1,2,2-Tetrachloroethane	959	161801	47.512
75	28.749	77+158	Bromobenzene	990	414450	52.012
76	28.807	91+120	n-Propylbenzene	996	1230221	53.981

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.146	75	trans-1,4-Dichloro-2-butene	351	3041	2.109
78	28.864	75+110	1,2,3-Trichloropropane	967	106822	50.579
79	29.150	91+126	2-Chlorotoluene	992	776402	52.807
80	29.223	105+120	1,3,5-Trimethylbenzene	998	1023476	56.560
81	29.433	91+126	4-Chlorotoluene	992	706305	53.796
82	30.070	119+91	tert-Butylbenzene	986	1340905	55.140
83	30.240	105+120	1,2,4-Trimethylbenzene	995	936639	57.083
84	32.319	117	Pentachloroethane	990	4341	58.928
85	30.687	105+134	sec-Butylbenzene	997	1112463	57.039
86	31.081	119	4-Isopropyltoluene	987	723362	57.018
87	31.217	146+148	1,3-Dichlorobenzene	985	460437	54.235
89	31.498	146+148	1,4-Dichlorobenzene	984	415297	51.668
90	32.318	91	Benzyl Chloride	991	586937	58.404
91	32.318	91+134	n-Butylbenzene	991	832660	56.929
92	32.632	146+148	1,2-Dichlorobenzene	985	390284	51.431
93	34.908	75+157	1,2-Dibromo-3-chloropropane	964	46400	42.181
94	37.076	180+182	1,2,4-Trichlorobenzene	976	197702	51.653
95	37.350	225+226	Hexachlorobutadiene	981	141856	48.517
96	37.770	128	Naphthalene	990	160747	45.364
97	38.391	180+182	1,2,3-Trichlorobenzene	983	164975	43.103

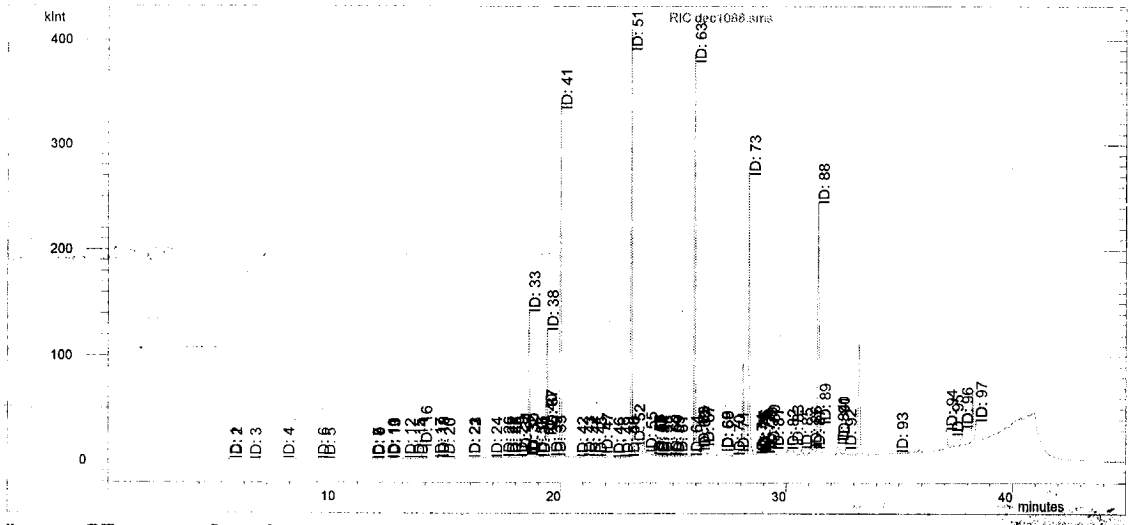
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1088.s ms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-051 5.29g **Acquisition Dat** 12/5/02 1:16:14 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.998	96+70	Fluorobenzene (IS1)	999	545577	50.000
63	25.949	117	Chlorobenzene-d5(IS2)	982	329519	50.000
88	31.423	152	1,4-Dichlorobenzene-d4(IS3)	967	145969	50.000
1	5.371	85	Dichlorodifluoromethane	108	0	0.000
2	5.423	50+52	Chloromethane	616	0	0.000
3	6.267	62+64	Vinyl Chloride	818	0	0.000
4	7.731	94+96	Bromomethane	775	0	0.000
5	9.550	49	Chloroethane	111	0	0.000
6	9.254	101+103	Trichlorofluoromethane	858	0	0.000
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	816	0	0.000
8	11.665	56	Acrolein	665	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	940	0	0.000
10	12.335	142	Iodomethane	920	226	225.871
11	12.352	43+58	Acetone	895	2306	3.785
12	13.102	45	Isopropyl alcohol (2-Propanol)	461	0	0.000
13	12.411	76	Carbon disulfide	943	0	0.000
14	13.630	41	Acetonitrile	652	0	0.000
15	13.476	41	Allyl chloride	573	0	0.000
16	13.815	84+49+86	Methylene Chloride	994	27461	2.268
17	14.426	59	tert-Butanol	302	0	0.000
18	14.553	73	Methyl-tert-butyl-ether (MTBE)	859	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	916	0	0.000
20	14.825	53	Acrylonitrile	729	0	0.000
21	15.938	63	1,1-Dichloroethane	730	0	0.000
22	15.965	43	Vinyl acetate	136	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.965	45	Isopropyl ether	611	0	0.000
24	16.928	59	Ethyl-tert-butyl-ether	709	0	0.000
25	17.761	77+41	2,2-Dichloropropane	437	0	0.000
26	17.465	61+96	c-1,2-Dichloroethene	901	0	0.000
27	17.619	43+72	2-Butanone (MEK)	659	0	0.000
28	17.749	54	Propionitrile	373	0	0.000
29	18.057	130+49	Bromochloromethane	926	0	0.000
30	18.542	39	Methacrylonitrile	417	0	0.000
31	18.226	83+85	Chloroform	995	8964	0.797
32	18.519	97+99	1,1,1-Trichloroethane	558	0	0.000
33	18.602	111	Dibromofluoromethane (Surr1)	768	127285	54.617
34	19.037	117+119	Carbon Tetrachloride	683	0	0.000
35	19.739	42+72	Tetrahydrofuran	822	0	0.000
36	18.907	75+39	1,1-Dichloropropene	799	0	0.000
37	19.360	78	Benzene	576	1509	0.175
38	19.399	65	1,2-Dichloroethane-d4 (Surr2)	923	171858	56.971
39	19.569	62+64	1,2-Dichloroethane	513	0	0.000
40	19.319	73+55+87	tert-Amyl-methyl-ether	476	2392	0.239
42	20.733	130+132+95	Trichloroethene	919	0	0.000
43	21.041	41	Methyl methacrylate	549	0	0.000
44	21.298	63+65	1,2-Dichloropropane	482	0	0.000
45	21.542	93+174	Dibromomethane	889	0	0.000
46	22.351	88	1,4-Dioxane	382	0	0.000
47	21.824	83+85	Bromodichloromethane	958	4943	0.622
48	22.990	63+43	2-Chloroethyl vinyl ether	746	0	0.000
49	22.710	75+77+39	c-1,3-Dichloropropene	753	0	0.000
50	22.990	43+58	4-Methyl-2-pentanone	727	0	0.000
51	23.127	98	Toluene-d8 (Surr3)	993	508455	53.472
52	23.259	92+91	Toluene	930	8292	0.355
53	24.146	69	Ethyl methacrylate	447	0	0.000
54	24.351	43+58+100	2-Hexanone	502	0	0.000
55	23.798	75+77	t-1,3-Dichloropropene	568	0	0.000
56	24.158	97+99	1,1,2-Trichloroethane	582	0	0.000
57	24.268	164+166	Tetrachloroethene	838	102	0.100
58	24.490	76+41	1,3-Dichloropropane	622	0	0.000
59	24.991	43	Isobutyl alcohol	410	0	0.000
60	24.880	129+127	Dibromochloromethane	921	1141	0.239
61	25.157	107+109	1,2-Dibromoethane	843	0	0.000
62	26.114	91	1-Chlorohexane	960	0	0.000
64	25.788	112+114	Chlorobenzene	644	0	0.000
65	26.115	106+91	Ethylbenzene	960	2714	0.106
66	26.156	131+117	1,1,1,2-Tetrachloroethane	675	0	0.000
67	26.329	106+91	p,m-Xylenes	992	9459	0.437
68	27.148	106+91	o-Xylene	968	0	0.000
69	27.195	104+78	Styrene	945	2026	0.145
70	27.687	171+173+175	Bromoform	812	0	0.000
71	27.873	105+120	Isopropylbenzene	996	5410	0.220
72	28.861	75	cis-1,4-Dichloro-2-butene	710	0	0.000
73	28.359	95	p-Bromofluorobenzene (Surr4)	989	210264	52.563
74	28.693	83+85	1,1,2,2-Tetrachloroethane	779	0	0.000
75	28.751	77+158	Bromobenzene	960	2715	0.275
76	28.814	91+120	n-Propylbenzene	984	6253	0.221

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.042	75	trans-1,4-Dichloro-2-butene	507	0	0.000
78	28.861	75+110	1,2,3-Trichloropropane	664	0	0.000
79	29.132	91+126	2-Chlorotoluene	982	0	0.000
80	29.231	105+120	1,3,5-Trimethylbenzene	987	3804	0.170
81	29.420	91+126	4-Chlorotoluene	974	0	0.000
82	30.068	119+91	tert-Butylbenzene	951	8615	0.286
83	30.273	105+120	1,2,4-Trimethylbenzene	993	8026	0.395
84	32.289	117	Pentachloroethane	991	0	0.000
85	30.688	105+134	sec-Butylbenzene	995	10986	0.454
86	31.077	119	4-Isopropyltoluene	986	16462	1.047
87	31.222	146+148	1,3-Dichlorobenzene	929	5114	0.486
89	31.497	146+148	1,4-Dichlorobenzene	751	12297	1.234
90	32.321	91	Benzyl Chloride	989	25492	2.047
91	32.321	91+134	n-Butylbenzene	993	35471	1.957
92	32.630	146+148	1,2-Dichlorobenzene	983	8066	0.858
93	34.919	75+157	1,2-Dibromo-3-chloropropane	806	0	0.000
94	37.082	180+182	1,2,4-Trichlorobenzene	976	18007	3.796
95	37.354	225+226	Hexachlorobutadiene	979	5526	1.525
96	37.776	128	Naphthalene	981	22049	5.020
97	38.398	180+182	1,2,3-Trichlorobenzene	980	16704	3.521

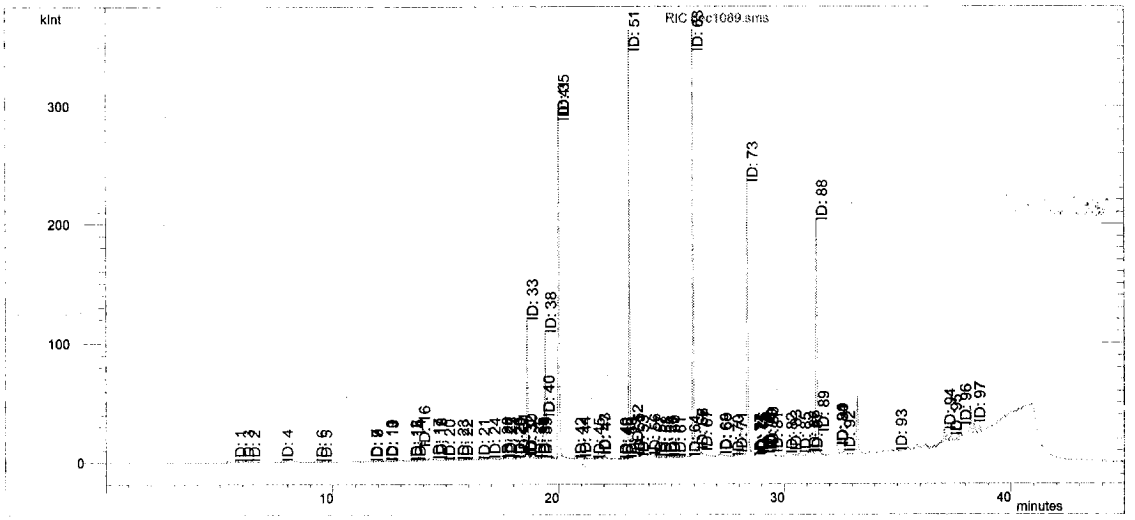
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1089.s ms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-052 4.68g **Acquisition Dat** 12/5/02 2:03:19 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.999	96+70	Fluorobenzene (IS1)	999	480675	50.000
63	25.951	117	Chlorobenzene-d5(IS2)	982	296749	50.000
88	31.426	152	1,4-Dichlorobenzene-d4(IS3)	976	123415	50.000
1	5.679	85	Dichlorodifluoromethane	66	0	0.000
2	6.307	50+52	Chloromethane	610	0	0.000
3	6.023	62+64	Vinyl Chloride	651	0	0.000
4	7.755	94+96	Bromomethane	807	0	0.000
5	9.475	49	Chloroethane	479	0	0.000
6	9.262	101+103	Trichlorofluoromethane	825	285	0.032
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	744	0	0.000
8	11.732	56	Acrolein	738	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	686	0	0.000
10	12.342	142	Iodomethane	917	232	231.963
11	12.345	43+58	Acetone	825	1236	2.303
12	13.425	45	Isopropyl alcohol (2-Propanol)	160	0	0.000
13	12.411	76	Carbon disulfide	850	0	0.000
14	13.615	41	Acetonitrile	655	0	0.000
15	13.477	41	Allyl chloride	649	0	0.000
16	13.811	84+49+86	Methylene Chloride	992	24598	2.306
17	14.434	59	tert-Butanol	339	131	0.776
18	14.553	73	Methyl-tert-butyl-ether (MTBE)	868	999	0.195
19	14.541	61+96	t-1,2-Dichloroethene	872	0	0.000
20	14.924	53	Acrylonitrile	705	0	0.000
21	16.439	63	1,1-Dichloroethane	492	0	0.000
22	15.709	43	Vinyl acetate	724	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.527	45	Isopropyl ether	374	0	0.000
24	16.924	59	Ethyl-tert-butyl-ether	712	0	0.000
25	17.670	77+41	2,2-Dichloropropane	478	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	817	0	0.000
27	17.591	43+72	2-Butanone (MEK)	673	0	0.000
28	18.002	54	Propionitrile	630	0	0.000
29	18.051	130+49	Bromochloromethane	896	377	0.077
30	18.542	39	Methacrylonitrile	489	0	0.000
31	18.226	83+85	Chloroform	986	7952	0.803
32	18.515	97+99	1,1,1-Trichloroethane	488	0	0.000
33	18.602	111	Dibromofluoromethane (Surr1)	790	109102	53.136
34	19.109	117+119	Carbon Tetrachloride	593	0	0.000
35	19.996	42+72	Tetrahydrofuran	328	172	171.612
36	18.931	75+39	1,1-Dichloropropene	567	0	0.000
37	19.097	78	Benzene	637	0	0.000
38	19.399	65	1,2-Dichloroethane-d4 (Surr2)	866	146898	57.212
39	19.200	62+64	1,2-Dichloroethane	504	0	0.000
40	19.317	73+55+87	tert-Amyl-methyl-ether	531	3595	0.407
42	20.729	130+132+95	Trichloroethene	916	0	0.000
43	21.778	41	Methyl methacrylate	441	2182	2181.843
44	20.934	63+65	1,2-Dichloropropane	430	0	0.000
45	21.549	93+174	Dibromomethane	844	0	0.000
46	22.808	88	1,4-Dioxane	321	0	0.000
47	21.825	83+85	Bromodichloromethane	957	4269	0.597
48	22.986	63+43	2-Chloroethyl vinyl ether	744	0	0.000
49	22.717	75+77+39	c-1,3-Dichloropropene	768	0	0.000
50	22.981	43+58	4-Methyl-2-pentanone	747	663	0.303
51	23.129	98	Toluene-d8 (Surr3)	997	438983	51.264
52	23.263	92+91	Toluene	924	6283	0.298
53	23.518	69	Ethyl methacrylate	306	0	0.000
54	24.740	43+58+100	2-Hexanone	584	0	0.000
55	23.341	75+77	t-1,3-Dichloropropene	446	0	0.000
56	24.021	97+99	1,1,2-Trichloroethane	385	0	0.000
57	24.278	164+166	Tetrachloroethene	620	0	0.000
58	24.523	76+41	1,3-Dichloropropane	527	0	0.000
59	24.740	43	Isobutyl alcohol	435	0	0.000
60	24.880	129+127	Dibromochloromethane	918	1131	0.263
61	25.150	107+109	1,2-Dibromoethane	850	0	0.000
62	26.120	91	1-Chlorohexane	905	0	0.000
64	25.778	112+114	Chlorobenzene	606	0	0.000
65	26.120	106+91	Ethylbenzene	905	0	0.000
66	26.120	131+117	1,1,1,2-Tetrachloroethane	544	0	0.000
67	26.340	106+91	p,m-Xylenes	984	0	0.000
68	27.148	106+91	o-Xylene	978	0	0.000
69	27.198	104+78	Styrene	961	1486	0.126
70	27.693	171+173+175	Bromoform	824	304	0.122
71	27.871	105+120	Isopropylbenzene	979	4370	0.210
72	29.098	75	cis-1,4-Dichloro-2-butene	625	0	0.000
73	28.362	95	p-Bromofluorobenzene (Surr4)	988	182676	54.012
74	28.700	83+85	1,1,2,2-Tetrachloroethane	651	0	0.000
75	28.751	77+158	Bromobenzene	940	0	0.000
76	28.814	91+120	n-Propylbenzene	937	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.672	75	trans-1,4-Dichloro-2-butene	438	0	0.000
78	29.082	75+110	1,2,3-Trichloropropane	583	0	0.000
79	29.173	91+126	2-Chlorotoluene	910	0	0.000
80	29.251	105+120	1,3,5-Trimethylbenzene	987	0	0.000
81	29.443	91+126	4-Chlorotoluene	966	0	0.000
82	30.086	119+91	tert-Butylbenzene	944	0	0.000
83	30.264	105+120	1,2,4-Trimethylbenzene	993	0	0.000
84	32.315	117	Pentachloroethane	988	0	0.000
85	30.690	105+134	sec-Butylbenzene	973	0	0.000
86	31.088	119	4-Isopropyltoluene	981	0	0.000
87	31.214	146+148	1,3-Dichlorobenzene	913	0	0.000
89	31.505	146+148	1,4-Dichlorobenzene	547	0	0.000
90	32.337	91	Benzyl Chloride	990	12718	1.208
91	32.336	91+134	n-Butylbenzene	991	17673	1.153
92	32.641	146+148	1,2-Dichlorobenzene	971	2098	0.264
93	34.938	75+157	1,2-Dibromo-3-chloropropane	610	0	0.000
94	37.079	180+182	1,2,4-Trichlorobenzene	974	11558	2.882
95	37.356	225+226	Hexachlorobutadiene	976	0	0.000
96	37.773	128	Naphthalene	981	14226	3.831
97	38.396	180+182	1,2,3-Trichlorobenzene	979	9957	2.482

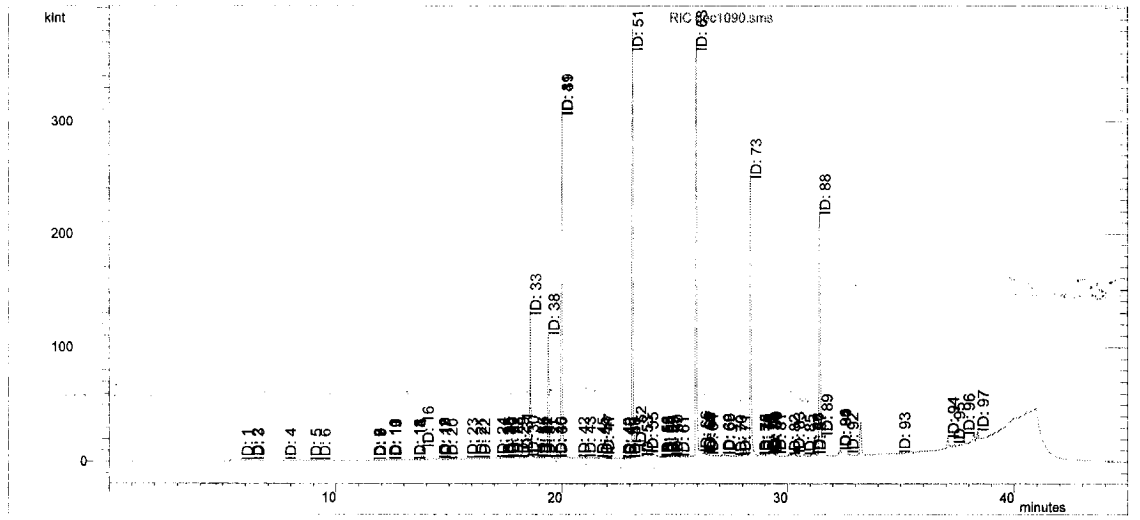
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1090.s ms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-053 5.47g **Acquisition Dat** 12/5/02 2:50:16 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	502938	50.000
63	25.951	117	Chlorobenzene-d5(IS2)	982	325182	50.000
88	31.427	152	1,4-Dichlorobenzene-d4(IS3)	977	131653	50.000
1	5.833	85	Dichlorodifluoromethane	78	0	0.000
2	6.279	50+52	Chloromethane	506	0	0.000
3	6.346	62+64	Vinyl Chloride	780	0	0.000
4	7.755	94+96	Bromomethane	839	0	0.000
5	8.871	49	Chloroethane	678	0	0.000
6	9.266	101+103	Trichlorofluoromethane	878	656	0.071
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	813	0	0.000
8	11.654	56	Acrolein	811	0	0.000
9	11.732	96+61+98	1,1-Dichloroethene	541	100	0.010
10	12.348	142	Iodomethane	916	0	0.000
11	12.348	43+58	Acetone	770	0	0.000
12	13.449	45	Isopropyl alcohol (2-Propanol)	285	0	0.000
13	12.412	76	Carbon disulfide	951	687	31.658
14	13.461	41	Acetonitrile	775	0	0.000
15	13.461	41	Allyl chloride	626	0	0.000
16	13.821	84+49+86	Methylene Chloride	994	24017	2.152
17	14.616	59	tert-Butanol	377	0	0.000
18	14.552	73	Methyl-tert-butyl-ether (MTBE)	884	984	0.184
19	14.541	61+96	t-1,2-Dichloroethene	812	0	0.000
20	14.900	53	Acrylonitrile	688	0	0.000
21	16.167	63	1,1-Dichloroethane	693	0	0.000
22	16.337	43	Vinyl acetate	103	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.796	45	Isopropyl ether	327	0	0.000
24	17.130	59	Ethyl-tert-butyl-ether	688	0	0.000
25	17.374	77+41	2,2-Dichloropropane	467	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	813	0	0.000
27	17.603	43+72	2-Butanone (MEK)	653	0	0.000
28	17.785	54	Propionitrile	515	0	0.000
29	18.053	130+49	Bromochloromethane	903	0	0.000
30	18.491	39	Methacrylonitrile	320	0	0.000
31	18.229	83+85	Chloroform	985	8441	0.814
32	19.083	97+99	1,1,1-Trichloroethane	397	0	0.000
33	18.605	111	Dibromofluoromethane (Surr1)	846	117602	54.740
34	19.008	117+119	Carbon Tetrachloride	718	0	0.000
35	19.731	42+72	Tetrahydrofuran	683	0	0.000
36	18.917	75+39	1,1-Dichloropropene	476	0	0.000
37	19.198	78	Benzene	753	0	0.000
38	19.402	65	1,2-Dichloroethane-d4 (Surr2)	950	154903	57.659
39	20.001	62+64	1,2-Dichloroethane	414	12852	2.392
40	19.691	73+55+87	tert-Amyl-methyl-ether	516	0	0.000
42	20.737	130+132+95	Trichloroethene	884	0	0.000
43	21.018	41	Methyl methacrylate	424	0	0.000
44	21.751	63+65	1,2-Dichloropropane	443	0	0.000
45	21.558	93+174	Dibromomethane	837	0	0.000
46	22.789	88	1,4-Dioxane	424	0	0.000
47	21.825	83+85	Bromodichloromethane	959	4656	0.594
48	22.982	63+43	2-Chloroethyl vinyl ether	422	0	0.000
49	22.698	75+77+39	c-1,3-Dichloropropene	617	0	0.000
50	22.994	43+58	4-Methyl-2-pentanone	336	0	0.000
51	23.129	98	Toluene-d8 (Surr3)	993	463723	49.418
52	23.262	92+91	Toluene	921	5489	0.238
53	23.541	69	Ethyl methacrylate	524	0	0.000
54	24.594	43+58+100	2-Hexanone	328	0	0.000
55	23.785	75+77	t-1,3-Dichloropropene	495	0	0.000
56	24.428	97+99	1,1,2-Trichloroethane	580	0	0.000
57	24.708	164+166	Tetrachloroethene	491	0	0.000
58	24.491	76+41	1,3-Dichloropropane	607	0	0.000
59	24.696	43	Isobutyl alcohol	406	0	0.000
60	24.874	129+127	Dibromochloromethane	881	0	0.000
61	25.158	107+109	1,2-Dibromoethane	725	0	0.000
62	26.292	91	1-Chlorohexane	861	0	0.000
64	26.433	112+114	Chlorobenzene	598	0	0.000
65	26.292	106+91	Ethylbenzene	861	0	0.000
66	26.153	131+117	1,1,1,2-Tetrachloroethane	610	0	0.000
67	26.331	106+91	p,m-Xylenes	982	0	0.000
68	27.152	106+91	o-Xylene	942	0	0.000
69	27.203	104+78	Styrene	941	0	0.000
70	27.692	171+173+175	Bromoform	791	0	0.000
71	27.870	105+120	Isopropylbenzene	957	0	0.000
72	29.115	75	cis-1,4-Dichloro-2-butene	754	0	0.000
73	28.362	95	p-Bromofluorobenzene (Surr4)	992	197185	54.653
74	28.934	83+85	1,1,2,2-Tetrachloroethane	561	0	0.000
75	28.756	77+158	Bromobenzene	933	0	0.000
76	28.820	91+120	n-Propylbenzene	935	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.115	75	trans-1,4-Dichloro-2-butene	486	0	0.000
78	29.127	75+110	1,2,3-Trichloropropane	715	0	0.000
79	29.167	91+126	2-Chlorotoluene	923	0	0.000
80	29.257	105+120	1,3,5-Trimethylbenzene	975	0	0.000
81	29.447	91+126	4-Chlorotoluene	932	0	0.000
82	30.078	119+91	tert-Butylbenzene	932	0	0.000
83	30.268	105+120	1,2,4-Trimethylbenzene	994	0	0.000
84	32.330	117	Pentachloroethane	988	0	0.000
85	30.745	105+134	sec-Butylbenzene	968	0	0.000
86	31.104	119	4-Isopropyltoluene	978	0	0.000
87	31.218	146+148	1,3-Dichlorobenzene	941	0	0.000
89	31.510	146+148	1,4-Dichlorobenzene	483	0	0.000
90	32.324	91	Benzyl Chloride	989	7836	0.697
91	32.323	91+134	n-Butylbenzene	988	10414	0.637
92	32.649	146+148	1,2-Dichlorobenzene	949	0	0.000
93	34.940	75+157	1,2-Dibromo-3-chloropropane	711	0	0.000
94	37.085	180+182	1,2,4-Trichlorobenzene	975	8202	1.917
95	37.361	225+226	Hexachlorobutadiene	975	0	0.000
96	37.774	128	Naphthalene	980	11164	2.818
97	38.397	180+182	1,2,3-Trichlorobenzene	979	7948	1.857

Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1091.s ms **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-054 5.30g **Acquisition Dat** 12/5/02 3:36:59 PM

Inj. Notes: **Operator Name:** dp

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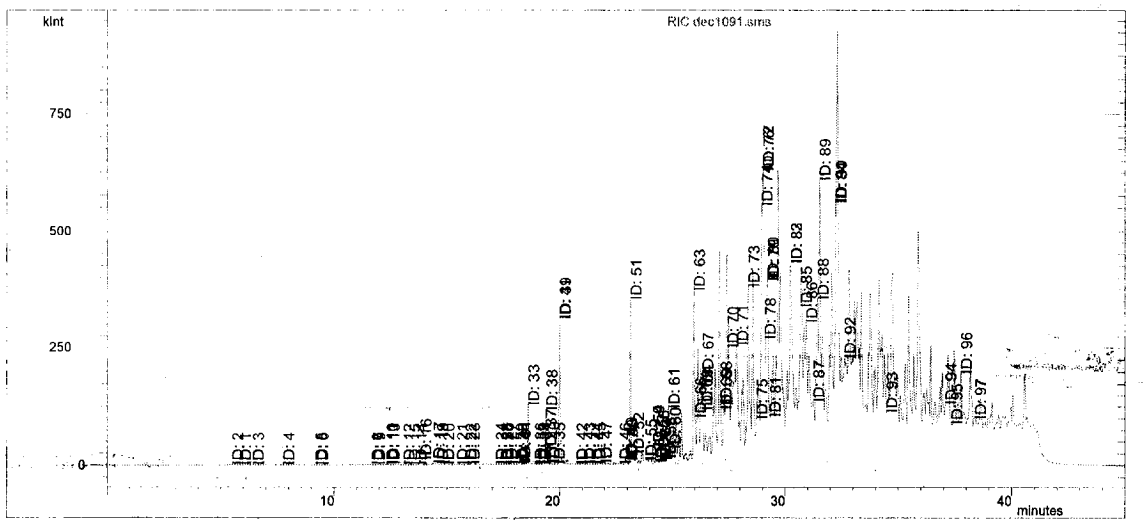


#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.002	96+70	Fluorobenzene (IS1)	999	514164	50.000
63	25.956	117	Chlorobenzene-d5(IS2)	980	315131	50.000
88	31.430	152	1,4-Dichlorobenzene-d4(IS3)	964	140296	50.000
1	5.857	85	Dichlorodifluoromethane	87	0	0.000
2	5.510	50+52	Chloromethane	473	0	0.000
3	6.421	62+64	Vinyl Chloride	622	0	0.000
4	7.767	94+96	Bromomethane	828	0	0.000
5	9.179	49	Chloroethane	526	0	0.000
6	9.266	101+103	Trichlorofluoromethane	811	314	0.033
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	720	0	0.000
8	11.666	56	Acrolein	765	0	0.000
9	11.768	96+61+98	1,1-Dichloroethene	637	0	0.000
10	12.321	142	Iodomethane	923	219	219.350
11	12.343	43+58	Acetone	914	5870	10.223
12	13.078	45	Isopropyl alcohol (2-Propanol)	547	0	0.000
13	12.411	76	Carbon disulfide	933	0	0.000
14	13.615	41	Acetonitrile	537	0	0.000
15	13.335	41	Allyl chloride	554	0	0.000
16	13.820	84+49+86	Methylene Chloride	993	22284	1.953
17	14.408	59	tert-Butanol	620	7763	42.968
18	14.565	73	Methyl-tert-butyl-ether (MTBE)	871	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	767	0	0.000
20	14.833	53	Acrylonitrile	588	0	0.000
21	15.449	63	1,1-Dichloroethane	691	0	0.000
22	15.824	43	Vinyl acetate	778	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.962	45	Isopropyl ether	309	0	0.000
24	17.157	59	Ethyl-tert-butyl-ether	706	0	0.000
25	17.386	77+41	2,2-Dichloropropane	446	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	870	0	0.000
27	17.619	43+72	2-Butanone (MEK)	747	0	0.000
28	18.156	54	Propionitrile	588	0	0.000
29	18.055	130+49	Bromochloromethane	886	335	0.064
30	18.144	39	Methacrylonitrile	485	0	0.000
31	18.229	83+85	Chloroform	995	7789	0.735
32	19.018	97+99	1,1,1-Trichloroethane	533	0	0.000
33	18.605	111	Dibromofluoromethane (Surr1)	756	117192	53.358
34	19.121	117+119	Carbon Tetrachloride	628	0	0.000
35	19.742	42+72	Tetrahydrofuran	544	0	0.000
36	18.916	75+39	1,1-Dichloropropene	603	0	0.000
37	19.367	78	Benzene	733	796	0.098
38	19.400	65	1,2-Dichloroethane-d4 (Surr2)	919	164510	59.898
39	20.001	62+64	1,2-Dichloroethane	353	12528	2.281
40	19.497	73+55+87	tert-Amyl-methyl-ether	678	0	0.000
42	20.737	130+132+95	Trichloroethene	883	0	0.000
43	21.080	41	Methyl methacrylate	557	0	0.000
44	21.416	63+65	1,2-Dichloropropane	483	0	0.000
45	21.553	93+174	Dibromomethane	889	288	0.080
46	22.658	88	1,4-Dioxane	305	0	0.000
47	21.828	83+85	Bromodichloromethane	959	4195	0.552
48	22.975	63+43	2-Chloroethyl vinyl ether	788	2468	1.389
49	22.921	75+77+39	c-1,3-Dichloropropene	546	1713	0.207
50	22.976	43+58	4-Methyl-2-pentanone	788	4012	1.725
51	23.132	98	Toluene-d8 (Surr3)	993	450587	49.549
52	23.267	92+91	Toluene	739	4930	0.221
53	24.469	69	Ethyl methacrylate	641	0	0.000
54	24.147	43+58+100	2-Hexanone	477	0	0.000
55	23.817	75+77	t-1,3-Dichloropropene	590	0	0.000
56	24.375	97+99	1,1,2-Trichloroethane	736	1943	0.469
57	24.273	164+166	Tetrachloroethene	509	0	0.000
58	24.678	76+41	1,3-Dichloropropane	684	0	0.000
59	24.144	43	Isobutyl alcohol	609	14274	14273.610
60	24.882	129+127	Dibromochloromethane	564	1350	0.295
61	24.836	107+109	1,2-Dibromoethane	327	1575	0.310
62	26.297	91	1-Chlorohexane	826	0	0.000
64	26.304	112+114	Chlorobenzene	373	1583	0.123
65	26.297	106+91	Ethylbenzene	826	0	0.000
66	26.012	131+117	1,1,1,2-Tetrachloroethane	292	0	0.000
67	26.331	106+91	p,m-Xylenes	952	92272	4.439
68	27.147	106+91	o-Xylene	986	103303	4.813
69	27.153	104+78	Styrene	532	0	0.000
70	27.450	171+173+175	Bromoform	194	0	0.000
71	27.868	105+120	Isopropylbenzene	443	7167	0.303
72	29.013	75	cis-1,4-Dichloro-2-butene	493	2515	1.464
73	28.365	95	p-Bromofluorobenzene (Surr4)	985	207743	54.033
74	28.953	83+85	1,1,2,2-Tetrachloroethane	477	72036	17.757
75	28.734	77+158	Bromobenzene	734	0	0.000
76	29.009	91+120	n-Propylbenzene	511	288690	10.634

4.19
4.54
8.173

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.013	75	trans-1,4-Dichloro-2-butene	356	2515	1.464
78	29.100	75+110	1,2,3-Trichloropropane	511	0	0.000
79	29.230	91+126	2-Chlorotoluene	517	30101	1.719
80	29.228	105+120	1,3,5-Trimethylbenzene	997	492229	22.834
81	29.316	91+126	4-Chlorotoluene	668	0	0.000
82	30.245	119+91	tert-Butylbenzene	567	94404	3.259
83	30.246	105+120	1,2,4-Trimethylbenzene	993	653272	33.421
84	32.237	117	Pentachloroethane	800	38607	439.920
85	30.694	105+134	sec-Butylbenzene	590	31820	1.370
86	30.922	119	4-Isopropyltoluene	976	216464	14.323
87	31.236	146+148	1,3-Dichlorobenzene	566	0	0.000
89	31.521	146+148	1,4-Dichlorobenzene	367	0	0.000
90	32.239	91	Benzyl Chloride	779	83573	6.981
91	32.238	91+134	n-Butylbenzene	811	142472	8.177
92	32.638	146+148	1,2-Dichlorobenzene	895	24634	2.725
93	34.473	75+157	1,2-Dibromo-3-chloropropane	186	0	0.000
94	37.087	180+182	1,2,4-Trichlorobenzene	730	6715	1.473
95	37.354	225+226	Hexachlorobutadiene	802	0	0.000
96	37.775	128	Naphthalene	981	133649	31.661
97	38.400	180+182	1,2,3-Trichlorobenzene	932	9253	2.029

21.5

31.5

13.5

29.9

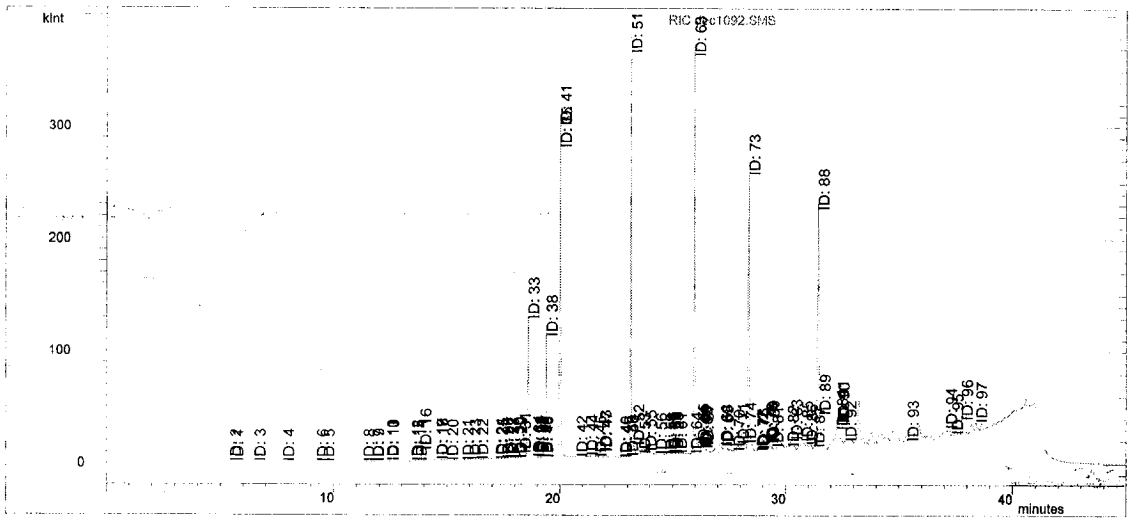
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1092.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-055 5.15g **Acquisition Dat** 12/5/02 4:23:45 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.002	96+70	Fluorobenzene (IS1)	999	493841	50.000
63	25.954	117	Chlorobenzene-d5(IS2)	988	297150	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	982	132006	50.000
1	5.544	85	Dichlorodifluoromethane	114	0	0.000
2	5.447	50+52	Chloromethane	606	0	0.000
3	6.510	62+64	Vinyl Chloride	640	0	0.000
4	7.779	94+96	Bromomethane	808	0	0.000
5	9.552	49	Chloroethane	122	0	0.000
6	9.259	101+103	Trichlorofluoromethane	784	260	0.029
7	11.707	101+151	Trichlorotrifluoroethane (Freon 113)	852	0	0.000
8	11.320	56	Acrolein	730	0	0.000
9	11.743	96+61+98	1,1-Dichloroethene	637	0	0.000
10	12.347	142	Iodomethane	909	142	141.924
11	12.341	43+58	Acetone	817	812	1.472
12	13.451	45	Isopropyl alcohol (2-Propanol)	187	0	0.000
13	12.403	76	Carbon disulfide	856	717	33.653
14	13.629	41	Acetonitrile	729	0	0.000
15	13.502	41	Allyl chloride	584	0	0.000
16	13.821	84+49+86	Methylene Chloride	989	21652	1.976
17	14.540	59	tert-Butanol	403	0	0.000
18	14.549	73	Methyl-tert-butyl-ether (MTBE)	845	1019	0.194
19	14.540	61+96	t-1,2-Dichloroethene	679	0	0.000
20	15.029	53	Acrylonitrile	740	0	0.000
21	15.696	63	1,1-Dichloroethane	769	0	0.000
22	16.348	43	Vinyl acetate	139	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.004	45	Isopropyl ether	436	0	0.000
24	17.160	59	Ethyl-tert-butyl-ether	686	0	0.000
25	17.226	77+41	2,2-Dichloropropane	356	0	0.000
26	17.467	61+96	c-1,2-Dichloroethene	759	0	0.000
27	17.598	43+72	2-Butanone (MEK)	688	0	0.000
28	17.701	54	Propionitrile	645	0	0.000
29	18.046	130+49	Bromochloromethane	833	0	0.000
30	17.971	39	Methacrylonitrile	687	0	0.000
31	18.230	83+85	Chloroform	995	8288	0.814
32	19.027	97+99	1,1,1-Trichloroethane	616	0	0.000
33	18.605	111	Dibromofluoromethane (Surr1)	821	112038	53.111
34	18.822	117+119	Carbon Tetrachloride	593	0	0.000
35	20.009	42+72	Tetrahydrofuran	320	503	502.671
36	18.913	75+39	1,1-Dichloropropene	676	0	0.000
37	18.964	78	Benzene	589	0	0.000
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	820	149538	56.687
39	19.146	62+64	1,2-Dichloroethane	502	0	0.000
40	19.221	73+55+87	tert-Amyl-methyl-ether	655	0	0.000
42	20.740	130+132+95	Trichloroethene	771	0	0.000
43	21.779	41	Methyl methacrylate	492	2199	2198.684
44	21.185	63+65	1,2-Dichloropropane	412	0	0.000
45	21.560	93+174	Dibromomethane	782	0	0.000
46	22.679	88	1,4-Dioxane	411	0	0.000
47	21.822	83+85	Bromodichloromethane	954	4903	0.684
48	22.986	63+43	2-Chloroethyl vinyl ether	754	0	0.000
49	22.702	75+77+39	c-1,3-Dichloropropene	584	0	0.000
50	22.986	43+58	4-Methyl-2-pentanone	754	0	0.000
51	23.132	98	Toluene-d8 (Surr3)	997	466274	54.377
52	23.265	92+91	Toluene	926	5324	0.253
53	23.532	69	Ethyl methacrylate	503	0	0.000
54	24.705	43+58+100	2-Hexanone	491	0	0.000
55	23.795	75+77	t-1,3-Dichloropropene	507	0	0.000
56	24.268	97+99	1,1,2-Trichloroethane	517	0	0.000
57	24.820	164+166	Tetrachloroethene	631	0	0.000
58	24.973	76+41	1,3-Dichloropropane	288	0	0.000
59	24.694	43	Isobutyl alcohol	555	0	0.000
60	24.883	129+127	Dibromochloromethane	853	0	0.000
61	25.154	107+109	1,2-Dibromoethane	827	0	0.000
62	26.298	91	1-Chlorohexane	824	0	0.000
64	25.808	112+114	Chlorobenzene	531	0	0.000
65	26.127	106+91	Ethylbenzene	830	0	0.000
66	26.218	131+117	1,1,1,2-Tetrachloroethane	743	0	0.000
67	26.337	106+91	p,m-Xylenes	989	0	0.000
68	27.151	106+91	o-Xylene	934	0	0.000
69	27.204	104+78	Styrene	852	0	0.000
70	27.696	171+173+175	Bromoform	758	0	0.000
71	27.878	105+120	Isopropylbenzene	989	4688	0.211
72	28.734	75	cis-1,4-Dichloro-2-butene	614	0	0.000
73	28.365	95	p-Bromofluorobenzene (Surr4)	988	190563	52.677
74	28.206	83+85	1,1,2,2-Tetrachloroethane	567	0	0.000
75	28.773	77+158	Bromobenzene	901	0	0.000
76	28.796	91+120	n-Propylbenzene	867	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.734	75	trans-1,4-Dichloro-2-butene	560	0	0.000
78	29.144	75+110	1,2,3-Trichloropropane	585	0	0.000
79	29.159	91+126	2-Chlorotoluene	825	0	0.000
80	29.241	105+120	1,3,5-Trimethylbenzene	983	0	0.000
81	29.425	91+126	4-Chlorotoluene	766	0	0.000
82	30.099	119+91	tert-Butylbenzene	898	0	0.000
83	30.247	105+120	1,2,4-Trimethylbenzene	989	0	0.000
84	32.264	117	Pentachloroethane	820	0	0.000
85	30.712	105+134	sec-Butylbenzene	890	0	0.000
86	30.923	119	4-Isopropyltoluene	917	0	0.000
87	31.243	146+148	1,3-Dichlorobenzene	848	0	0.000
89	31.500	146+148	1,4-Dichlorobenzene	586	0	0.000
90	32.333	91	Benzyl Chloride	833	0	0.000
91	32.304	91+134	n-Butylbenzene	808	0	0.000
92	32.642	146+148	1,2-Dichlorobenzene	929	1367	0.161
93	35.396	75+157	1,2-Dibromo-3-chloropropane	591	0	0.000
94	37.088	180+182	1,2,4-Trichlorobenzene	968	7288	1.699
95	37.352	225+226	Hexachlorobutadiene	939	0	0.000
96	37.778	128	Naphthalene	988	17625	4.437
97	38.400	180+182	1,2,3-Trichlorobenzene	978	6124	1.428

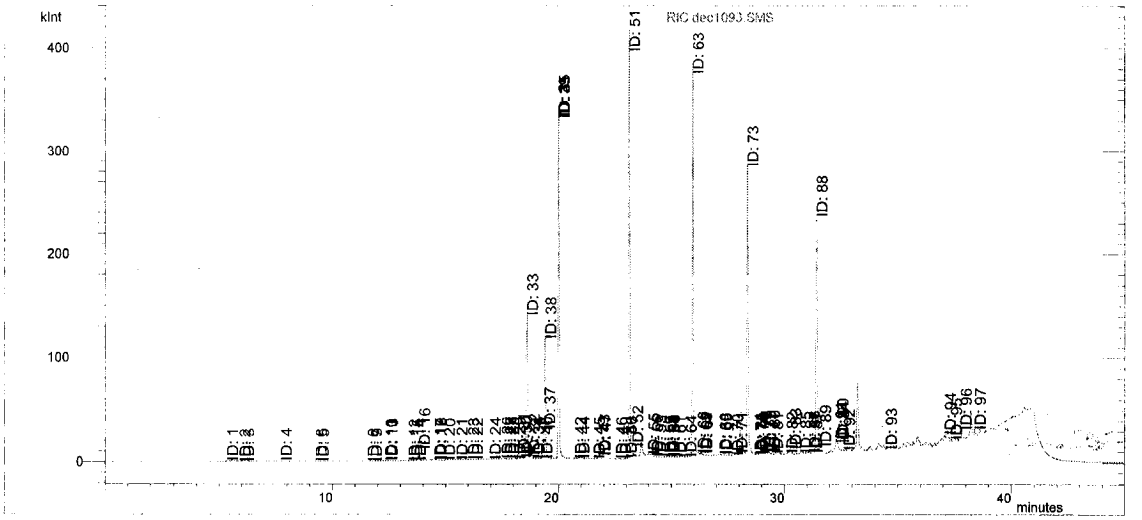
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1093.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-056 5.00g **Acquisition Dat** 12/5/02 5:10:28 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.998	96+70	Fluorobenzene (IS1)	999	555562	50.000
63	25.949	117	Chlorobenzene-d5(IS2)	982	331271	50.000
88	31.426	152	1,4-Dichlorobenzene-d4(IS3)	976	142478	50.000
1	5.356	85	Dichlorodifluoromethane	97	0	0.000
2	5.908	50+52	Chloromethane	596	0	0.000
3	6.062	62+64	Vinyl Chloride	615	0	0.000
4	7.731	94+96	Bromomethane	840	0	0.000
5	9.357	49	Chloroethane	541	0	0.000
6	9.264	101+103	Trichlorofluoromethane	869	515	0.051
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	831	0	0.000
8	11.563	56	Acrolein	685	0	0.000
9	11.693	96+61+98	1,1-Dichloroethene	530	0	0.000
10	12.337	142	Iodomethane	916	165	164.823
11	12.369	43+58	Acetone	775	1098	1.769
12	13.374	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.410	76	Carbon disulfide	855	712	28.680
14	13.642	41	Acetonitrile	703	0	0.000
15	13.488	41	Allyl chloride	653	0	0.000
16	13.820	84+49+86	Methylene Chloride	993	24419	1.981
17	14.504	59	tert-Butanol	497	0	0.000
18	14.540	73	Methyl-tert-butyl-ether (MTBE)	886	0	0.000
19	14.567	61+96	t-1,2-Dichloroethene	706	0	0.000
20	14.938	53	Acrylonitrile	717	0	0.000
21	15.491	63	1,1-Dichloroethane	665	0	0.000
22	16.169	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.992	45	Isopropyl ether	396	0	0.000
24	16.951	59	Ethyl-tert-butyl-ether	700	0	0.000
25	17.772	77+41	2,2-Dichloropropane	423	0	0.000
26	17.479	61+96	c-1,2-Dichloroethene	781	0	0.000
27	17.618	43+72	2-Butanone (MEK)	718	0	0.000
28	17.645	54	Propionitrile	494	0	0.000
29	18.055	130+49	Bromochloromethane	829	343	0.061
30	18.351	39	Methacrylonitrile	629	0	0.000
31	18.223	83+85	Chloroform	984	8701	0.760
32	18.669	97+99	1,1,1-Trichloroethane	650	0	0.000
33	18.601	111	Dibromofluoromethane (Surr1)	817	125143	52.732
34	18.859	117+119	Carbon Tetrachloride	643	0	0.000
35	20.000	42+72	Tetrahydrofuran	327	200	199.642
36	18.898	75+39	1,1-Dichloropropene	486	0	0.000
37	19.362	78	Benzene	446	1003	0.115
38	19.399	65	1,2-Dichloroethane-d4 (Surr2)	907	166925	56.249
39	19.998	62+64	1,2-Dichloroethane	467	13813	2.327
40	19.230	73+55+87	tert-Amyl-methyl-ether	690	0	0.000
42	20.736	130+132+95	Trichloroethene	871	0	0.000
43	21.774	41	Methyl methacrylate	555	0	0.000
44	20.878	63+65	1,2-Dichloropropane	416	0	0.000
45	21.557	93+174	Dibromomethane	801	0	0.000
46	22.556	88	1,4-Dioxane	454	0	0.000
47	21.823	83+85	Bromodichloromethane	958	4562	0.571
48	22.982	63+43	2-Chloroethyl vinyl ether	781	0	0.000
49	22.710	75+77+39	c-1,3-Dichloropropene	310	0	0.000
50	22.982	43+58	4-Methyl-2-pentanone	782	0	0.000
51	23.128	98	Toluene-d8 (Surr3)	993	510963	53.451
52	23.260	92+91	Toluene	906	5002	0.213
53	24.286	69	Ethyl methacrylate	493	0	0.000
54	24.823	43+58+100	2-Hexanone	335	0	0.000
55	23.979	75+77	t-1,3-Dichloropropene	474	0	0.000
56	24.144	97+99	1,1,2-Trichloroethane	612	0	0.000
57	24.721	164+166	Tetrachloroethene	548	0	0.000
58	24.839	76+41	1,3-Dichloropropane	363	0	0.000
59	24.697	43	Isobutyl alcohol	360	0	0.000
60	24.884	129+127	Dibromochloromethane	892	765	0.159
61	25.159	107+109	1,2-Dibromoethane	711	0	0.000
62	26.297	91	1-Chlorohexane	886	0	0.000
64	25.632	112+114	Chlorobenzene	443	0	0.000
65	26.297	106+91	Ethylbenzene	886	0	0.000
66	26.180	131+117	1,1,1,2-Tetrachloroethane	619	0	0.000
67	26.330	106+91	p,m-Xylenes	963	2182	0.103
68	27.145	106+91	o-Xylene	958	0	0.000
69	27.208	104+78	Styrene	921	0	0.000
70	27.694	171+173+175	Bromoform	777	0	0.000
71	27.869	105+120	Isopropylbenzene	977	3093	0.129
72	28.932	75	cis-1,4-Dichloro-2-butene	582	0	0.000
73	28.361	95	p-Bromofluorobenzene (Surr4)	988	215324	55.147
74	28.688	83+85	1,1,2,2-Tetrachloroethane	597	0	0.000
75	28.751	77+158	Bromobenzene	893	0	0.000
76	28.818	91+120	n-Propylbenzene	885	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.101	75	trans-1,4-Dichloro-2-butene	453	0	0.000
78	28.932	75+110	1,2,3-Trichloropropane	548	0	0.000
79	29.140	91+126	2-Chlorotoluene	857	0	0.000
80	29.320	105+120	1,3,5-Trimethylbenzene	974	0	0.000
81	29.446	91+126	4-Chlorotoluene	763	0	0.000
82	30.102	119+91	tert-Butylbenzene	948	0	0.000
83	30.259	105+120	1,2,4-Trimethylbenzene	994	0	0.000
84	32.367	117	Pentachloroethane	882	0	0.000
85	30.698	105+134	sec-Butylbenzene	963	0	0.000
86	31.082	119	4-Isopropyltoluene	942	0	0.000
87	31.200	146+148	1,3-Dichlorobenzene	873	0	0.000
89	31.584	146+148	1,4-Dichlorobenzene	722	0	0.000
90	32.340	91	Benzyl Chloride	846	0	0.000
91	32.270	91+134	n-Butylbenzene	856	0	0.000
92	32.637	146+148	1,2-Dichlorobenzene	945	0	0.000
93	34.493	75+157	1,2-Dibromo-3-chloropropane	438	0	0.000
94	37.086	180+182	1,2,4-Trichlorobenzene	969	5561	1.201
95	37.358	225+226	Hexachlorobutadiene	922	0	0.000
96	37.777	128	Naphthalene	981	11219	2.617
97	38.402	180+182	1,2,3-Trichlorobenzene	978	5211	1.125

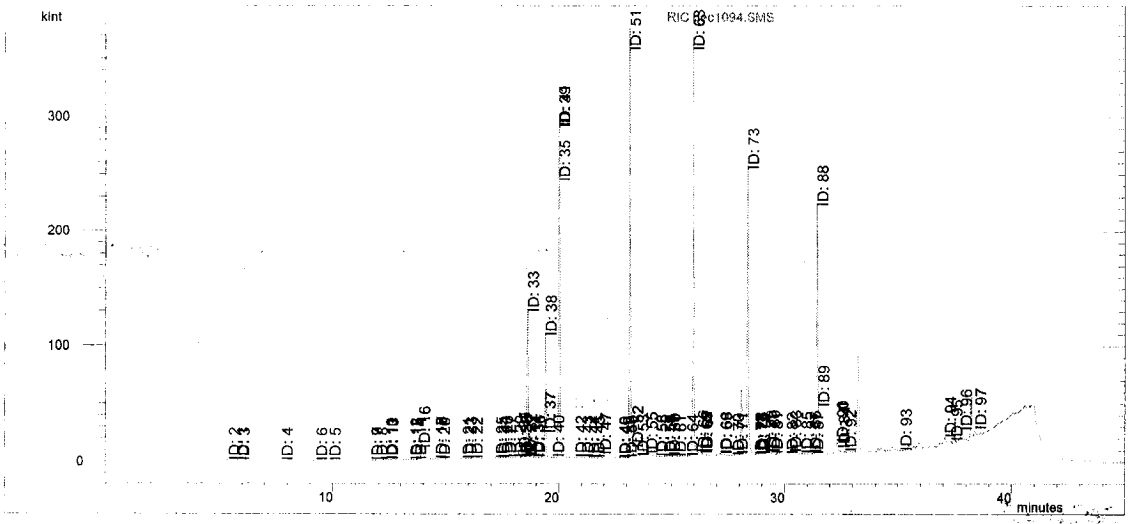
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1094.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-057 4.98g **Acquisition Dat** 12/5/02 5:57:03 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.003	96+70	Fluorobenzene (IS1)	999	494987	50.000
63	25.953	117	Chlorobenzene-d5(IS2)	982	300529	50.000
88	31.429	152	1,4-Dichlorobenzene-d4(IS3)	977	131995	50.000
1	5.782	85	Dichlorodifluoromethane	97	0	0.000
2	5.434	50+52	Chloromethane	620	0	0.000
3	5.857	62+64	Vinyl Chloride	615	0	0.000
4	7.755	94+96	Bromomethane	814	0	0.000
5	9.870	49	Chloroethane	656	0	0.000
6	9.269	101+103	Trichlorofluoromethane	848	221	0.024
7	11.717	101+151	Trichlorotrifluoroethane (Freon 113)	794	0	0.000
8	11.938	56	Acrolein	737	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	537	0	0.000
10	12.340	142	Iodomethane	920	162	161.929
11	12.372	43+58	Acetone	802	0	0.000
12	13.437	45	Isopropyl alcohol (2-Propanol)	253	0	0.000
13	12.423	76	Carbon disulfide	846	0	0.000
14	13.642	41	Acetonitrile	627	0	0.000
15	13.488	41	Allyl chloride	609	0	0.000
16	13.815	84+49+86	Methylene Chloride	990	24156	2.199
17	14.553	59	tert-Butanol	380	0	0.000
18	14.556	73	Methyl-tert-butyl-ether (MTBE)	868	937	0.178
19	14.553	61+96	t-1,2-Dichloroethene	665	0	0.000
20	14.695	53	Acrylonitrile	735	0	0.000
21	15.760	63	1,1-Dichloroethane	659	0	0.000
22	16.155	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.863	45	Isopropyl ether	335	0	0.000
24	17.335	59	Ethyl-tert-butyl-ether	709	0	0.000
25	17.221	77+41	2,2-Dichloropropane	424	0	0.000
26	17.477	61+96	c-1,2-Dichloroethene	880	0	0.000
27	17.619	43+72	2-Butanone (MEK)	651	0	0.000
28	18.301	54	Propionitrile	563	0	0.000
29	18.053	130+49	Bromochloromethane	880	0	0.000
30	18.364	39	Methacrylonitrile	465	0	0.000
31	18.231	83+85	Chloroform	985	8949	0.877
32	18.542	97+99	1,1,1-Trichloroethane	508	0	0.000
33	18.608	111	Dibromofluoromethane (Surr1)	747	116264	54.987
34	18.819	117+119	Carbon Tetrachloride	696	0	0.000
35	19.989	42+72	Tetrahydrofuran	321	413	412.851
36	18.894	75+39	1,1-Dichloropropene	568	0	0.000
37	19.365	78	Benzene	576	903	0.116
38	19.403	65	1,2-Dichloroethane-d4 (Surr2)	901	150200	56.807
39	20.001	62+64	1,2-Dichloroethane	444	12406	2.346
40	19.736	73+55+87	tert-Amyl-methyl-ether	546	0	0.000
42	20.744	130+132+95	Trichloroethene	859	0	0.000
43	21.036	41	Methyl methacrylate	488	0	0.000
44	21.320	63+65	1,2-Dichloropropane	535	0	0.000
45	21.549	93+174	Dibromomethane	824	0	0.000
46	22.669	88	1,4-Dioxane	300	25	24.752
47	21.828	83+85	Bromodichloromethane	951	4838	0.668
48	22.986	63+43	2-Chloroethyl vinyl ether	769	0	0.000
49	22.705	75+77+39	c-1,3-Dichloropropene	528	0	0.000
50	22.986	43+58	4-Methyl-2-pentanone	768	0	0.000
51	23.132	98	Toluene-d8 (Surr3)	993	451508	52.063
52	23.265	92+91	Toluene	901	4851	0.228
53	23.510	69	Ethyl methacrylate	612	0	0.000
54	24.703	43+58+100	2-Hexanone	699	0	0.000
55	23.882	75+77	t-1,3-Dichloropropene	359	0	0.000
56	24.344	97+99	1,1,2-Trichloroethane	759	0	0.000
57	24.691	164+166	Tetrachloroethene	465	0	0.000
58	24.320	76+41	1,3-Dichloropropane	356	0	0.000
59	24.703	43	Isobutyl alcohol	633	0	0.000
60	24.883	129+127	Dibromochloromethane	848	1123	0.258
61	25.153	107+109	1,2-Dibromoethane	724	0	0.000
62	26.303	91	1-Chlorohexane	884	0	0.000
64	25.678	112+114	Chlorobenzene	628	0	0.000
65	26.303	106+91	Ethylbenzene	884	0	0.000
66	26.161	131+117	1,1,1,2-Tetrachloroethane	394	0	0.000
67	26.338	106+91	p,m-Xylenes	965	0	0.000
68	27.159	106+91	o-Xylene	937	0	0.000
69	27.198	104+78	Styrene	911	0	0.000
70	27.699	171+173+175	Bromoform	750	265	0.099
71	27.877	105+120	Isopropylbenzene	947	0	0.000
72	28.868	75	cis-1,4-Dichloro-2-butene	613	0	0.000
73	28.364	95	p-Bromofluorobenzene (Surr4)	989	193805	53.577
74	28.703	83+85	1,1,2,2-Tetrachloroethane	563	0	0.000
75	28.766	77+158	Bromobenzene	896	0	0.000
76	28.805	91+120	n-Propylbenzene	893	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.715	75	trans-1,4-Dichloro-2-butene	496	0	0.000
78	28.715	75+110	1,2,3-Trichloropropane	548	0	0.000
79	29.163	91+126	2-Chlorotoluene	822	0	0.000
80	29.305	105+120	1,3,5-Trimethylbenzene	980	0	0.000
81	29.435	91+126	4-Chlorotoluene	763	0	0.000
82	30.102	119+91	tert-Butylbenzene	922	0	0.000
83	30.255	105+120	1,2,4-Trimethylbenzene	991	0	0.000
84	32.392	117	Pentachloroethane	939	0	0.000
85	30.744	105+134	sec-Butylbenzene	937	0	0.000
86	31.103	119	4-Isopropyltoluene	965	0	0.000
87	31.233	146+148	1,3-Dichlorobenzene	903	0	0.000
89	31.486	146+148	1,4-Dichlorobenzene	362	0	0.000
90	32.325	91	Benzyl Chloride	912	0	0.000
91	32.325	91+134	n-Butylbenzene	893	0	0.000
92	32.675	146+148	1,2-Dichlorobenzene	930	0	0.000
93	35.130	75+157	1,2-Dibromo-3-chloropropane	625	0	0.000
94	37.083	180+182	1,2,4-Trichlorobenzene	971	5426	1.265
95	37.364	225+226	Hexachlorobutadiene	955	0	0.000
96	37.779	128	Naphthalene	979	9962	2.508
97	38.399	180+182	1,2,3-Trichlorobenzene	976	4932	1.150

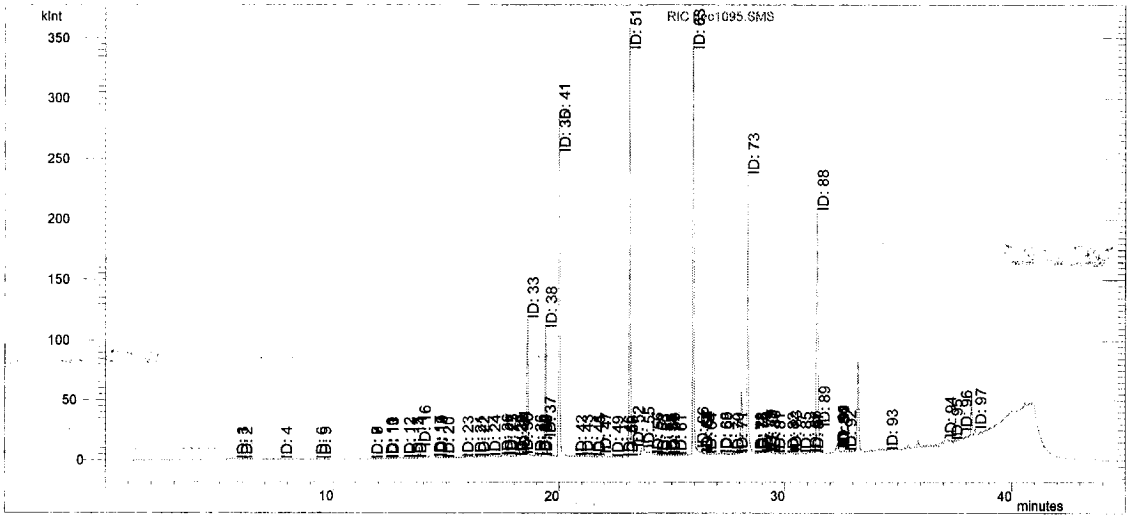
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1095.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-058 5.39g **Acquisition Dat** 12/5/02 6:43:30 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.999	96+70	Fluorobenzene (IS1)	999	478390	50.000
63	25.950	117	Chlorobenzene-d5(IS2)	984	303508	50.000
88	31.425	152	1,4-Dichlorobenzene-d4(IS3)	976	126899	50.000
1	5.782	85	Dichlorodifluoromethane	39	0	0.000
2	5.971	50+52	Chloromethane	607	0	0.000
3	5.782	62+64	Vinyl Chloride	615	0	0.000
4	7.731	94+96	Bromomethane	811	0	0.000
5	9.424	49	Chloroethane	685	0	0.000
6	9.266	101+103	Trichlorofluoromethane	872	475	0.054
7	11.693	101+151	Trichlorotrifluoroethane (Freon 113)	723	0	0.000
8	11.693	56	Acrolein	754	0	0.000
9	11.717	96+61+98	1,1-Dichloroethene	637	0	0.000
10	12.345	142	Iodomethane	917	174	173.587
11	12.383	43+58	Acetone	821	993	1.859
12	13.153	45	Isopropyl alcohol (2-Propanol)	499	0	0.000
13	12.423	76	Carbon disulfide	857	0	0.000
14	13.642	41	Acetonitrile	694	0	0.000
15	13.488	41	Allyl chloride	666	0	0.000
16	13.824	84+49+86	Methylene Chloride	988	21443	2.020
17	14.474	59	tert-Butanol	501	0	0.000
18	14.565	73	Methyl-tert-butyl-ether (MTBE)	869	0	0.000
19	14.553	61+96	t-1,2-Dichloroethene	654	0	0.000
20	14.873	53	Acrylonitrile	614	0	0.000
21	16.270	63	1,1-Dichloroethane	641	0	0.000
22	16.424	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.721	45	Isopropyl ether	343	0	0.000
24	16.925	59	Ethyl-tert-butyl-ether	610	0	0.000
25	17.695	77+41	2,2-Dichloropropane	435	0	0.000
26	17.466	61+96	c-1,2-Dichloroethene	677	0	0.000
27	17.604	43+72	2-Butanone (MEK)	611	0	0.000
28	18.054	54	Propionitrile	593	0	0.000
29	18.063	130+49	Bromochloromethane	849	305	0.063
30	18.361	39	Methacrylonitrile	402	0	0.000
31	18.228	83+85	Chloroform	985	8180	0.830
32	18.132	97+99	1,1,1-Trichloroethane	757	0	0.000
33	18.605	111	Dibromofluoromethane (Surr1)	873	108781	58.232
34	19.100	117+119	Carbon Tetrachloride	618	0	0.000
35	20.010	42+72	Tetrahydrofuran	324	313	312.697
36	18.946	75+39	1,1-Dichloropropene	613	0	0.000
37	19.359	78	Benzene	595	937	0.124
38	19.401	65	1,2-Dichloroethane-d4 (Surr2)	939	146440	57.306
39	19.203	62+64	1,2-Dichloroethane	492	0	0.000
40	19.151	73+55+87	tert-Amyl-methyl-ether	561	0	0.000
42	20.739	130+132+95	Trichloroethene	874	0	0.000
43	21.023	41	Methyl methacrylate	516	0	0.000
44	21.521	63+65	1,2-Dichloropropane	422	0	0.000
45	21.548	93+174	Dibromomethane	919	0	0.000
46	22.854	88	1,4-Dioxane	593	0	0.000
47	21.825	83+85	Bromodichloromethane	951	4385	0.599
48	22.996	63+43	2-Chloroethyl vinyl ether	665	0	0.000
49	22.357	75+77+39	c-1,3-Dichloropropene	550	0	0.000
50	22.996	43+58	4-Methyl-2-pentanone	663	0	0.000
51	23.129	98	Toluene-d8 (Surr3)	993	436414	49.829
52	23.263	92+91	Toluene	921	4452	0.207
53	24.378	69	Ethyl methacrylate	406	0	0.000
54	24.737	43+58+100	2-Hexanone	344	0	0.000
55	23.747	75+77	t-1,3-Dichloropropene	445	0	0.000
56	24.133	97+99	1,1,2-Trichloroethane	777	0	0.000
57	24.773	164+166	Tetrachloroethene	469	0	0.000
58	24.737	76+41	1,3-Dichloropropane	338	0	0.000
59	24.532	43	Isobutyl alcohol	409	0	0.000
60	24.875	129+127	Dibromochloromethane	851	0	0.000
61	25.159	107+109	1,2-Dibromoethane	723	0	0.000
62	26.294	91	1-Chlorohexane	829	0	0.000
64	26.499	112+114	Chlorobenzene	582	0	0.000
65	26.294	106+91	Ethylbenzene	829	0	0.000
66	26.117	131+117	1,1,1,2-Tetrachloroethane	352	0	0.000
67	26.333	106+91	p,m-Xylenes	976	0	0.000
68	27.154	106+91	o-Xylene	946	0	0.000
69	27.194	104+78	Styrene	912	0	0.000
70	27.691	171+173+175	Bromoform	725	0	0.000
71	27.872	105+120	Isopropylbenzene	952	2153	0.101
72	28.732	75	cis-1,4-Dichloro-2-butene	610	0	0.000
73	28.359	95	p-Bromofluorobenzene (Surr4)	988	185425	58.319
74	28.989	83+85	1,1,2,2-Tetrachloroethane	573	0	0.000
75	28.756	77+158	Bromobenzene	888	0	0.000
76	28.807	91+120	n-Propylbenzene	906	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.154	75	trans-1,4-Dichloro-2-butene	521	0	0.000
78	28.681	75+110	1,2,3-Trichloropropane	571	0	0.000
79	29.154	91+126	2-Chlorotoluene	890	0	0.000
80	29.320	105+120	1,3,5-Trimethylbenzene	963	0	0.000
81	29.525	91+126	4-Chlorotoluene	836	0	0.000
82	30.117	119+91	tert-Butylbenzene	943	0	0.000
83	30.243	105+120	1,2,4-Trimethylbenzene	990	0	0.000
84	32.371	117	Pentachloroethane	935	0	0.000
85	30.693	105+134	sec-Butylbenzene	948	0	0.000
86	31.103	119	4-Isopropyltoluene	960	0	0.000
87	31.221	146+148	1,3-Dichlorobenzene	896	0	0.000
89	31.499	146+148	1,4-Dichlorobenzene	384	0	0.000
90	32.352	91	Benzyl Chloride	937	2152	0.199
91	32.344	91+134	n-Butylbenzene	938	0	0.000
92	32.666	146+148	1,2-Dichlorobenzene	939	0	0.000
93	34.498	75+157	1,2-Dibromo-3-chloropropane	445	0	0.000
94	37.086	180+182	1,2,4-Trichlorobenzene	974	4767	1.156
95	37.366	225+226	Hexachlorobutadiene	907	0	0.000
96	37.776	128	Naphthalene	979	8487	2.223
97	38.400	180+182	1,2,3-Trichlorobenzene	976	4610	1.118

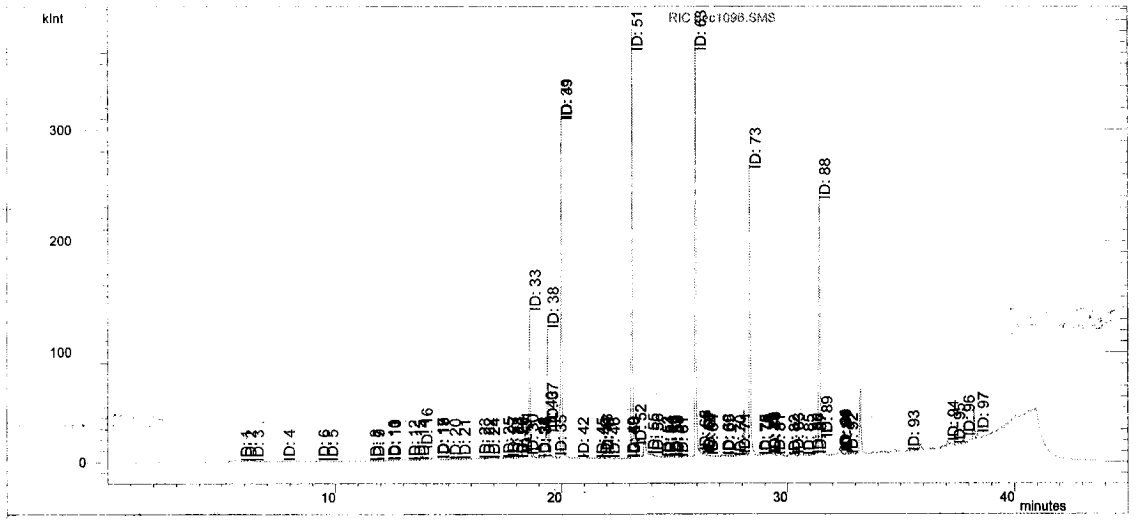
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1096.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-059 5.03g **Acquisition Dat** 12/5/02 7:30:06 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.998	96+70	Fluorobenzene (IS1)	999	524842	50.000
63	25.949	117	Chlorobenzene-d5(IS2)	983	329490	50.000
88	31.423	152	1,4-Dichlorobenzene-d4(IS3)	977	146988	50.000
1	5.833	85	Dichlorodifluoromethane	328	0	0.000
2	6.038	50+52	Chloromethane	598	0	0.000
3	6.358	62+64	Vinyl Chloride	636	0	0.000
4	7.743	94+96	Bromomethane	815	0	0.000
5	9.629	49	Chloroethane	105	0	0.000
6	9.260	101+103	Trichlorofluoromethane	811	525	0.055
7	11.665	101+151	Trichlorotrifluoroethane (Freon 113)	789	0	0.000
8	11.539	56	Acrolein	751	0	0.000
9	11.693	96+61+98	1,1-Dichloroethene	637	0	0.000
10	12.334	142	Iodomethane	923	119	119.076
11	12.378	43+58	Acetone	842	1527	2.605
12	13.244	45	Isopropyl alcohol (2-Propanol)	428	0	0.000
13	12.400	76	Carbon disulfide	848	707	31.185
14	13.654	41	Acetonitrile	655	0	0.000
15	13.489	41	Allyl chloride	572	0	0.000
16	13.819	84+49+86	Methylene Chloride	992	24025	2.063
17	14.502	59	tert-Butanol	373	0	0.000
18	14.550	73	Methyl-tert-butyl-ether (MTBE)	894	1070	0.191
19	14.529	61+96	t-1,2-Dichloroethene	657	0	0.000
20	15.054	53	Acrylonitrile	685	0	0.000
21	15.492	63	1,1-Dichloroethane	711	0	0.000
22	16.542	43	Vinyl acetate	109	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.364	45	Isopropyl ether	291	0	0.000
24	16.787	59	Ethyl-tert-butyl-ether	608	0	0.000
25	17.426	77+41	2,2-Dichloropropane	350	0	0.000
26	18.006	61+96	c-1,2-Dichloroethene	789	0	0.000
27	17.619	43+72	2-Butanone (MEK)	765	0	0.000
28	17.813	54	Propionitrile	627	0	0.000
29	18.057	130+49	Bromochloromethane	796	0	0.000
30	18.494	39	Methacrylonitrile	623	0	0.000
31	18.226	83+85	Chloroform	985	8855	0.819
32	18.987	97+99	1,1,1-Trichloroethane	688	0	0.000
33	18.602	111	Dibromofluoromethane (Surr1)	868	121505	54.196
34	19.050	117+119	Carbon Tetrachloride	494	0	0.000
35	19.727	42+72	Tetrahydrofuran	783	0	0.000
36	19.038	75+39	1,1-Dichloropropene	487	0	0.000
37	19.363	78	Benzene	460	1074	0.130
38	19.400	65	1,2-Dichloroethane-d4 (Surr2)	895	166121	59.254
39	19.997	62+64	1,2-Dichloroethane	400	13254	2.364
40	19.313	73+55+87	tert-Amyl-methyl-ether	577	2777	0.288
42	20.734	130+132+95	Trichloroethene	819	0	0.000
43	21.777	41	Methyl methacrylate	448	1724	1724.166
44	21.721	63+65	1,2-Dichloropropane	392	0	0.000
45	21.543	93+174	Dibromomethane	818	0	0.000
46	22.099	88	1,4-Dioxane	335	21	21.106
47	21.825	83+85	Bromodichloromethane	954	4714	0.593
48	22.980	63+43	2-Chloroethyl vinyl ether	785	0	0.000
49	22.916	75+77+39	c-1,3-Dichloropropene	455	0	0.000
50	22.980	43+58	4-Methyl-2-pentanone	780	0	0.000
51	23.127	98	Toluene-d8 (Surr3)	993	479844	50.467
52	23.261	92+91	Toluene	948	10379	0.444
53	24.478	69	Ethyl methacrylate	482	0	0.000
54	24.581	43+58+100	2-Hexanone	492	0	0.000
55	23.851	75+77	t-1,3-Dichloropropene	364	0	0.000
56	24.029	97+99	1,1,2-Trichloroethane	623	0	0.000
57	24.810	164+166	Tetrachloroethene	423	0	0.000
58	24.928	76+41	1,3-Dichloropropane	360	0	0.000
59	24.837	43	Isobutyl alcohol	204	0	0.000
60	24.877	129+127	Dibromochloromethane	930	0	0.000
61	25.133	107+109	1,2-Dibromoethane	533	0	0.000
62	26.115	91	1-Chlorohexane	943	0	0.000
64	26.446	112+114	Chlorobenzene	379	0	0.000
65	26.115	106+91	Ethylbenzene	943	0	0.000
66	26.268	131+117	1,1,1,2-Tetrachloroethane	524	0	0.000
67	26.332	106+91	p,m-Xylenes	985	0	0.000
68	27.141	106+91	o-Xylene	970	0	0.000
69	27.204	104+78	Styrene	894	0	0.000
70	27.684	171+173+175	Bromoform	767	241	0.081
71	27.869	105+120	Isopropylbenzene	992	3188	0.129
72	28.823	75	cis-1,4-Dichloro-2-butene	710	0	0.000
73	28.359	95	p-Bromofluorobenzene (Surr4)	988	204645	50.804
74	29.198	83+85	1,1,2,2-Tetrachloroethane	538	0	0.000
75	28.760	77+158	Bromobenzene	862	0	0.000
76	28.811	91+120	n-Propylbenzene	889	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.170	75	trans-1,4-Dichloro-2-butene	334	0	0.000
78	28.823	75+110	1,2,3-Trichloropropane	667	0	0.000
79	29.159	91+126	2-Chlorotoluene	857	0	0.000
80	29.234	105+120	1,3,5-Trimethylbenzene	959	0	0.000
81	29.427	91+126	4-Chlorotoluene	849	0	0.000
82	30.070	119+91	tert-Butylbenzene	924	0	0.000
83	30.247	105+120	1,2,4-Trimethylbenzene	987	0	0.000
84	32.386	117	Pentachloroethane	953	0	0.000
85	30.709	105+134	sec-Butylbenzene	939	0	0.000
86	31.107	119	4-Isopropyltoluene	947	0	0.000
87	31.234	146+148	1,3-Dichlorobenzene	892	0	0.000
89	31.515	146+148	1,4-Dichlorobenzene	370	0	0.000
90	32.347	91	Benzyl Chloride	956	0	0.000
91	32.324	91+134	n-Butylbenzene	949	2951	0.162
92	32.643	146+148	1,2-Dichlorobenzene	951	0	0.000
93	35.349	75+157	1,2-Dibromo-3-chloropropane	404	0	0.000
94	37.081	180+182	1,2,4-Trichlorobenzene	972	4965	1.039
95	37.354	225+226	Hexachlorobutadiene	847	0	0.000
96	37.772	128	Naphthalene	979	7695	1.740
97	38.401	180+182	1,2,3-Trichlorobenzene	976	4722	0.989

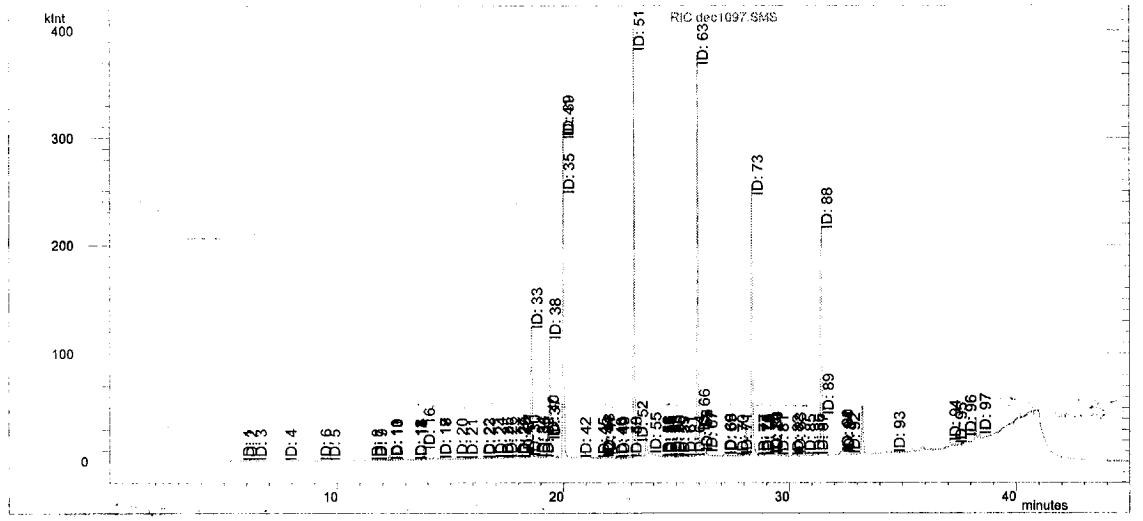
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1097.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: 102995-060 5.22g **Acquisition Dat** 12/5/02 8:17:03 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.999	96+70	Fluorobenzene (IS1)	999	501441	50.000
63	25.951	117	Chlorobenzene-d5(IS2)	988	310952	50.000
88	31.425	152	1,4-Dichlorobenzene-d4(IS3)	985	130480	50.000
1	5.857	85	Dichlorodifluoromethane	93	0	0.000
2	5.987	50+52	Chloromethane	628	0	0.000
3	6.397	62+64	Vinyl Chloride	622	0	0.000
4	7.731	94+96	Bromomethane	832	0	0.000
5	9.641	49	Chloroethane	99	0	0.000
6	9.257	101+103	Trichlorofluoromethane	796	368	0.040
7	11.654	101+151	Trichlorotrifluoroethane (Freon 113)	792	0	0.000
8	11.512	56	Acrolein	749	0	0.000
9	11.705	96+61+98	1,1-Dichloroethene	553	0	0.000
10	12.372	142	Iodomethane	924	0	0.000
11	12.360	43+58	Acetone	833	1562	2.790
12	13.449	45	Isopropyl alcohol (2-Propanol)	345	0	0.000
13	12.411	76	Carbon disulfide	847	0	0.000
14	13.477	41	Acetonitrile	580	0	0.000
15	13.477	41	Allyl chloride	588	0	0.000
16	13.818	84+49+86	Methylene Chloride	991	22704	2.040
17	14.542	59	tert-Butanol	413	0	0.000
18	14.547	73	Methyl-tert-butyl-ether (MTBE)	879	922	0.173
19	14.526	61+96	t-1,2-Dichloroethene	708	0	0.000
20	15.271	53	Acrylonitrile	661	0	0.000
21	15.721	63	1,1-Dichloroethane	492	0	0.000
22	16.463	43	Vinyl acetate	110	0	0.000

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	16.503	45	Isopropyl ether	376	0	0.000
24	16.976	59	Ethyl-tert-butyl-ether	672	0	0.000
25	17.296	77+41	2,2-Dichloropropane	409	0	0.000
26	17.466	61+96	c-1,2-Dichloroethene	814	0	0.000
27	17.963	43+72	2-Butanone (MEK)	710	0	0.000
28	18.066	54	Propionitrile	607	0	0.000
29	18.053	130+49	Bromochloromethane	804	255	0.050
30	18.492	39	Methacrylonitrile	465	0	0.000
31	18.226	83+85	Chloroform	984	8052	0.779
32	19.073	97+99	1,1,1-Trichloroethane	585	0	0.000
33	18.602	111	Dibromofluoromethane (Surr1)	754	112508	52.525
34	18.828	117+119	Carbon Tetrachloride	642	0	0.000
35	20.012	42+72	Tetrahydrofuran	324	112	111.612
36	18.919	75+39	1,1-Dichloropropene	503	0	0.000
37	19.356	78	Benzene	446	938	0.119
38	19.400	65	1,2-Dichloroethane-d4 (Surr2)	900	148412	55.408
39	19.998	62+64	1,2-Dichloroethane	400	13106	2.446
40	19.307	73+55+87	tert-Amyl-methyl-ether	585	2209	0.240
42	20.741	130+132+95	Trichloroethene	834	0	0.000
43	21.774	41	Methyl methacrylate	502	1850	1850.497
44	21.743	63+65	1,2-Dichloropropane	414	0	0.000
45	21.538	93+174	Dibromomethane	917	0	0.000
46	22.333	88	1,4-Dioxane	364	10	10.313
47	21.824	83+85	Bromodichloromethane	954	4473	0.597
48	22.986	63+43	2-Chloroethyl vinyl ether	657	0	0.000
49	22.433	75+77+39	c-1,3-Dichloropropene	569	0	0.000
50	22.986	43+58	4-Methyl-2-pentanone	657	0	0.000
51	23.129	98	Toluene-d8 (Surr3)	993	488696	54.462
52	23.262	92+91	Toluene	934	11370	0.515
53	24.410	69	Ethyl methacrylate	502	0	0.000
54	24.552	43+58+100	2-Hexanone	437	0	0.000
55	23.858	75+77	t-1,3-Dichloropropene	450	0	0.000
56	24.410	97+99	1,1,2-Trichloroethane	632	0	0.000
57	24.473	164+166	Tetrachloroethene	484	0	0.000
58	24.745	76+41	1,3-Dichloropropane	443	0	0.000
59	25.089	43	Isobutyl alcohol	349	0	0.000
60	24.882	129+127	Dibromochloromethane	878	929	0.206
61	25.396	107+109	1,2-Dibromoethane	650	0	0.000
62	26.114	91	1-Chlorohexane	959	1501	0.097
64	25.783	112+114	Chlorobenzene	376	0	0.000
65	26.114	106+91	Ethylbenzene	978	2094	0.092
66	26.006	131+117	1,1,1,2-Tetrachloroethane	609	0	0.000
67	26.329	106+91	p,m-Xylenes	986	4293	0.222
68	27.145	106+91	o-Xylene	968	1812	0.091
69	27.187	104+78	Styrene	912	0	0.000
70	27.700	171+173+175	Bromoform	798	0	0.000
71	27.870	105+120	Isopropylbenzene	973	2500	0.114
72	28.856	75	cis-1,4-Dichloro-2-butene	691	0	0.000
73	28.362	95	p-Bromofluorobenzene (Surr4)	987	193622	54.148
74	29.148	83+85	1,1,2,2-Tetrachloroethane	471	0	0.000
75	28.765	77+158	Bromobenzene	913	0	0.000
76	28.810	91+120	n-Propylbenzene	925	933	0.037

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.623	75	trans-1,4-Dichloro-2-butene	527	0	0.000
78	28.856	75+110	1,2,3-Trichloropropane	657	0	0.000
79	29.163	91+126	2-Chlorotoluene	897	0	0.000
80	29.226	105+120	1,3,5-Trimethylbenzene	978	0	0.000
81	29.495	91+126	4-Chlorotoluene	732	0	0.000
82	30.138	119+91	tert-Butylbenzene	939	0	0.000
83	30.240	105+120	1,2,4-Trimethylbenzene	990	0	0.000
84	32.407	117	Pentachloroethane	949	0	0.000
85	30.690	105+134	sec-Butylbenzene	952	0	0.000
86	31.085	119	4-Isopropyltoluene	952	0	0.000
87	31.239	146+148	1,3-Dichlorobenzene	863	0	0.000
89	31.483	146+148	1,4-Dichlorobenzene	329	658	0.074
90	32.335	91	Benzyl Chloride	955	4003	0.360
91	32.340	91+134	n-Butylbenzene	927	0	0.000
92	32.648	146+148	1,2-Dichlorobenzene	933	0	0.000
93	34.634	75+157	1,2-Dibromo-3-chloropropane	502	0	0.000
94	37.081	180+182	1,2,4-Trichlorobenzene	973	4231	0.998
95	37.347	225+226	Hexachlorobutadiene	957	0	0.000
96	37.777	128	Naphthalene	979	8125	2.070
97	38.399	180+182	1,2,3-Trichlorobenzene	971	4063	0.958

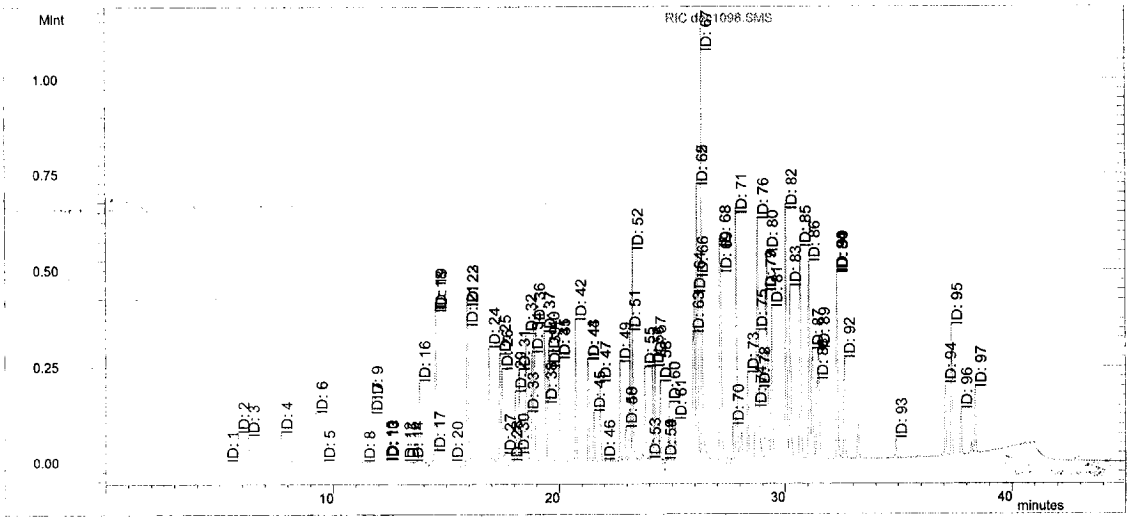
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1098.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCS soil **Acquisition Dat** 12/5/02 9:03:58 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	19.995	96+70	Fluorobenzene (IS1)	998	453969	50.000
63	25.946	117	Chlorobenzene-d5(IS2)	988	278086	50.000
88	31.420	152	1,4-Dichlorobenzene-d4(IS3)	965	124923	50.000
1	5.335	85	Dichlorodifluoromethane	587	243	75.591
2	5.821	50+52	Chloromethane	994	126366	68.489
3	6.269	62+64	Vinyl Chloride	999	215053	55.667
4	7.724	94+96	Bromomethane	941	68426	44.019
5	9.591	49	Chloroethane	125	0	0.000
6	9.259	101+103	Trichlorofluoromethane	995	549623	66.127
7	11.697	101+151	Trichlorotrifluoroethane (Freon 113)	761	1173	74.242
8	11.360	56	Acrolein	696	0	0.000
9	11.722	96+61+98	1,1-Dichloroethene	979	495207	54.529
10	12.331	142	Iodomethane	949	1971	1970.728
11	12.370	43+58	Acetone	955	22932	45.232
12	13.151	45	Isopropyl alcohol (2-Propanol)	540	0	0.000
13	12.405	76	Carbon disulfide	928	0	0.000
14	13.483	41	Acetonitrile	564	0	0.000
15	13.277	41	Allyl chloride	741	0	0.000
16	13.816	84+49+86	Methylene Chloride	996	500807	49.710
17	14.458	59	tert-Butanol	583	50735	318.059
18	14.528	73	Methyl-tert-butyl-ether (MTBE)	930	223161	46.137
19	14.540	61+96	t-1,2-Dichloroethene	975	436534	59.141
20	15.255	53	Acrylonitrile	665	0	0.000
21	15.923	63	1,1-Dichloroethane	985	301743	57.710
22	15.949	43	Vinyl acetate	724	164812	164811.500

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.949	45	Isopropyl ether	983	412202	58.983
24	16.894	59	Ethyl-tert-butyl-ether	999	438200	57.855
25	17.373	77+41	2,2-Dichloropropane	993	425401	55.293
26	17.464	61+96	c-1,2-Dichloroethene	992	412655	53.208
27	17.582	43+72	2-Butanone (MEK)	968	35122	48.344
28	17.874	54	Propionitrile	566	0	0.000
29	18.049	130+49	Bromochloromethane	997	233975	50.770
30	18.174	39	Methacrylonitrile	432	0	0.000
31	18.223	83+85	Chloroform	1000	487026	52.061
32	18.530	97+99	1,1,1-Trichloroethane	983	636013	53.849
33	18.600	111	Dibromofluoromethane (Surr1)	938	105381	54.342
34	18.818	117+119	Carbon Tetrachloride	968	528505	56.381
35	19.995	42+72	Tetrahydrofuran	326	383	383.322
36	18.903	75+39	1,1-Dichloropropene	993	0	0.000
37	19.356	78	Benzene	996	352830	49.284
38	19.399	65	1,2-Dichloroethane-d4 (Surr2)	987	119181	49.148
39	19.566	62+64	1,2-Dichloroethane	982	264975	54.633
40	19.530	73+55+87	tert-Amyl-methyl-ether	971	424803	50.902
42	20.728	130+132+95	Trichloroethene	989	517099	54.861
43	21.290	41	Methyl methacrylate	538	103269	103269.400
44	21.291	63+65	1,2-Dichloropropane	999	137320	56.239
45	21.542	93+174	Dibromomethane	956	170057	53.555
46	21.981	88	1,4-Dioxane	598	0	0.000
47	21.820	83+85	Bromodichloromethane	990	341293	50.899
48	22.954	63+43	2-Chloroethyl vinyl ether	990	83582	53.299
49	22.693	75+77+39	c-1,3-Dichloropropene	983	362845	49.674
50	22.954	43+58	4-Methyl-2-pentanone	989	113632	55.366
51	23.124	98	Toluene-d8 (Surr3)	993	424059	52.844
52	23.256	92+91	Toluene	997	1080429	54.762
53	24.005	69	Ethyl methacrylate	504	0	0.000
54	24.685	43+58+100	2-Hexanone	566	0	0.000
55	23.787	75+77	t-1,3-Dichloropropene	650	161396	54.224
56	24.149	97+99	1,1,2-Trichloroethane	972	188308	51.466
57	24.261	164+166	Tetrachloroethene	945	44583	51.946
58	24.489	76+41	1,3-Dichloropropane	992	262410	48.252
59	24.685	43	Isobutyl alcohol	532	0	0.000
60	24.875	129+127	Dibromochloromethane	958	212485	52.720
61	25.146	107+109	1,2-Dibromoethane	974	220759	49.242
62	26.105	91	1-Chlorohexane	998	752443	54.105
64	26.002	112+114	Chlorobenzene	992	571387	50.461
65	26.105	106+91	Ethylbenzene	998	1082619	49.475
66	26.145	131+117	1,1,1,2-Tetrachloroethane	989	264495	20.965
67	26.323	106+91	p,m-Xylenes	996	1829944	98.867
68	27.138	106+91	o-Xylene	998	1034735	54.146
69	27.184	104+78	Styrene	987	609010	50.971
70	27.688	171+173+175	Bromoform	930	126398	50.160
71	27.862	105+120	Isopropylbenzene	999	1116633	53.051
72	28.857	75	cis-1,4-Dichloro-2-butene	971	74877	48.958
73	28.357	95	p-Bromofluorobenzene (Surr4)	987	177664	51.896
74	28.684	83+85	1,1,2,2-Tetrachloroethane	962	173742	48.097
75	28.745	77+158	Bromobenzene	989	442519	52.355
76	28.802	91+120	n-Propylbenzene	996	1261142	52.169

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	29.143	75	trans-1,4-Dichloro-2-butene	347	3232	2.113
78	28.858	75+110	1,2,3-Trichloropropane	966	113234	50.545
79	29.145	91+126	2-Chlorotoluene	992	775635	49.734
80	29.219	105+120	1,3,5-Trimethylbenzene	998	1038223	54.090
81	29.427	91+126	4-Chlorotoluene	992	710819	51.039
82	30.064	119+91	tert-Butylbenzene	982	1389093	53.850
83	30.235	105+120	1,2,4-Trimethylbenzene	994	934052	53.666
84	32.312	117	Pentachloroethane	990	4456	57.017
85	30.684	105+134	sec-Butylbenzene	996	1138119	55.013
86	31.076	119	4-Isopropyltoluene	987	724090	53.807
87	31.213	146+148	1,3-Dichlorobenzene	990	460576	51.145
89	31.494	146+148	1,4-Dichlorobenzene	985	413946	48.551
90	32.313	91	Benzyl Chloride	991	562339	52.752
91	32.313	91+134	n-Butylbenzene	991	799012	51.500
92	32.628	146+148	1,2-Dichlorobenzene	986	394234	48.976
93	34.905	75+157	1,2-Dibromo-3-chloropropane	953	51474	44.114
94	37.076	180+182	1,2,4-Trichlorobenzene	976	190392	46.895
95	37.349	225+226	Hexachlorobutadiene	981	156803	50.559
96	37.769	128	Naphthalene	981	158175	42.082
97	38.392	180+182	1,2,3-Trichlorobenzene	983	166283	40.957

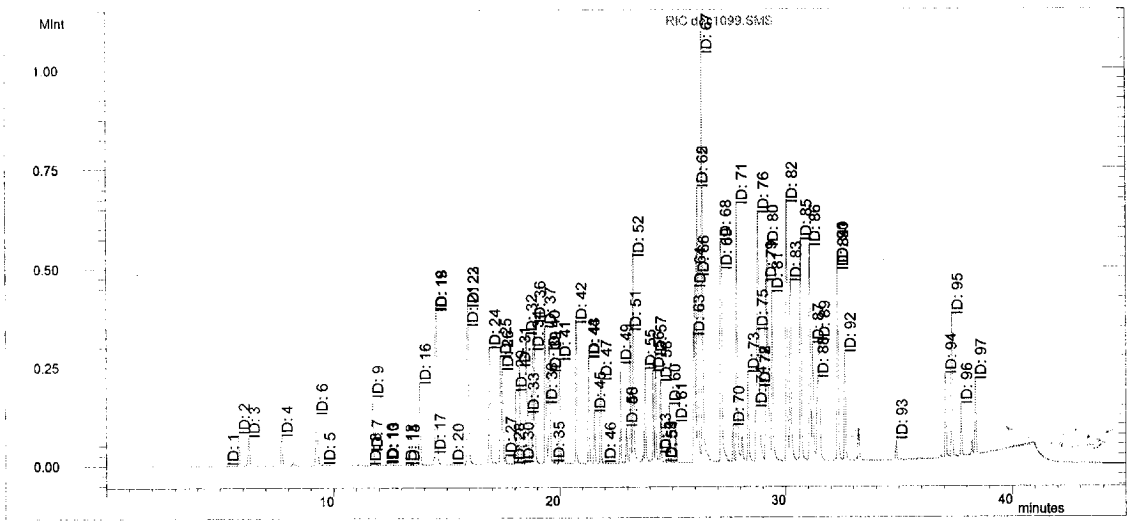
Associated Laboratories

8260B - Volatile Analysis
New GCMS # 6

Data File Name: c:\saturnws\data\6dec02\dec1099.SMS **Calc Method:** C:\SaturnWS\8260quant3.mth

Sample Name: LCSD soil **Acquisition Dat** 12/5/02 9:50:39 PM

Inj. Notes: **Operator Name:** dp



#	RT	Quan Ions	Compound Name	Fit	Area	Amount
41	20.000	96+70	Fluorobenzene (IS1)	999	449137	50.000
63	25.952	117	Chlorobenzene-d5(IS2)	991	276922	50.000
88	31.425	152	1,4-Dichlorobenzene-d4(IS3)	968	124586	50.000
1	5.332	85	Dichlorodifluoromethane	552	0	0.000
2	5.819	50+52	Chloromethane	995	129474	70.929
3	6.268	62+64	Vinyl Chloride	998	221974	58.077
4	7.719	94+96	Bromomethane	938	63100	41.030
5	9.576	49	Chloroethane	115	0	0.000
6	9.255	101+103	Trichlorofluoromethane	994	540886	65.776
7	11.667	101+151	Trichlorotrifluoroethane (Freon 113)	838	0	0.000
8	11.601	56	Acrolein	681	0	0.000
9	11.720	96+61+98	1,1-Dichloroethene	993	527847	58.748
10	12.331	142	Iodomethane	958	2088	2087.567
11	12.367	43+58	Acetone	954	21767	43.397
12	13.185	45	Isopropyl alcohol (2-Propanol)	585	0	0.000
13	12.392	76	Carbon disulfide	923	0	0.000
14	13.300	41	Acetonitrile	536	0	0.000
15	13.300	41	Allyl chloride	751	0	0.000
16	13.815	84+49+86	Methylene Chloride	999	487705	48.930
17	14.460	59	tert-Butanol	574	50215	318.187
18	14.529	73	Methyl-tert-butyl-ether (MTBE)	922	217517	45.454
19	14.541	61+96	t-1,2-Dichloroethene	987	435003	59.567
20	15.268	53	Acrylonitrile	581	0	0.000
21	15.925	63	1,1-Dichloroethane	984	298104	57.627
22	15.952	43	Vinyl acetate	739	163829	163828.700

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
23	15.952	45	Isopropyl ether	982	409245	59.190
24	16.898	59	Ethyl-tert-butyl-ether	999	440982	58.848
25	17.375	77+41	2,2-Dichloropropane	993	405775	53.309
26	17.466	61+96	c-1,2-Dichloroethene	991	416652	54.302
27	17.586	43+72	2-Butanone (MEK)	956	34505	48.006
28	17.960	54	Propionitrile	320	0	0.000
29	18.052	130+49	Bromochloromethane	990	229311	50.293
30	18.370	39	Methacrylonitrile	482	0	0.000
31	18.225	83+85	Chloroform	999	484843	52.385
32	18.533	97+99	1,1,1-Trichloroethane	983	646753	55.347
33	18.603	111	Dibromofluoromethane (Surr1)	946	107364	55.961
34	18.822	117+119	Carbon Tetrachloride	969	526089	56.728
35	19.721	42+72	Tetrahydrofuran	757	0	0.000
36	18.903	75+39	1,1-Dichloropropene	993	0	0.000
37	19.359	78	Benzene	996	357952	50.537
38	19.402	65	1,2-Dichloroethane-d4 (Surr2)	994	118524	49.403
39	19.570	62+64	1,2-Dichloroethane	978	258972	53.970
40	19.535	73+55+87	tert-Amyl-methyl-ether	975	415918	50.374
42	20.731	130+132+95	Trichloroethene	987	509471	54.279
43	21.296	41	Methyl methacrylate	534	102125	102125.200
44	21.295	63+65	1,2-Dichloropropane	999	136525	56.148
45	21.547	93+174	Dibromomethane	954	167022	52.820
46	21.994	88	1,4-Dioxane	474	14	14.167
47	21.824	83+85	Bromodichloromethane	990	343890	51.502
48	22.959	63+43	2-Chloroethyl vinyl ether	989	82596	52.892
49	22.699	75+77+39	c-1,3-Dichloropropene	991	343946	47.284
50	22.959	43+58	4-Methyl-2-pentanone	989	112336	54.965
51	23.130	98	Toluene-d8 (Surr3)	993	405509	50.745
52	23.261	92+91	Toluene	996	1064368	54.174
53	24.454	69	Ethyl methacrylate	457	0	0.000
54	24.728	43+58+100	2-Hexanone	528	0	0.000
55	23.793	75+77	t-1,3-Dichloropropene	649	160453	54.134
56	24.154	97+99	1,1,2-Trichloroethane	975	187639	51.499
57	24.267	164+166	Tetrachloroethene	946	45683	53.451
58	24.494	76+41	1,3-Dichloropropane	987	262230	48.422
59	24.689	43	Isobutyl alcohol	447	0	0.000
60	24.881	129+127	Dibromochloromethane	949	208903	52.050
61	25.153	107+109	1,2-Dibromoethane	986	219831	49.241
62	26.110	91	1-Chlorohexane	996	755880	54.580
64	26.008	112+114	Chlorobenzene	994	584536	51.840
65	26.110	106+91	Ethylbenzene	996	1086887	49.804
66	26.151	131+117	1,1,1,2-Tetrachloroethane	980	261688	20.798
67	26.329	106+91	p,m-Xylenes	996	1882754	101.995
68	27.143	106+91	o-Xylene	996	1010173	53.004
69	27.190	104+78	Styrene	986	614668	51.583
70	27.695	171+173+175	Bromoform	932	125848	50.076
71	27.867	105+120	Isopropylbenzene	999	1138103	54.218
72	28.863	75	cis-1,4-Dichloro-2-butene	970	73718	48.331
73	28.361	95	p-Bromofluorobenzene (Surr4)	986	173752	50.890
74	28.689	83+85	1,1,2,2-Tetrachloroethane	963	176230	48.918
75	28.748	77+158	Bromobenzene	985	446252	52.939
76	28.808	91+120	n-Propylbenzene	996	1323826	54.910

#	RT	Quan Ions	Compound Name	Fit	Area	Amount
77	28.863	75	trans-1,4-Dichloro-2-butene	366	73718	48.331
78	28.864	75+110	1,2,3-Trichloropropane	967	113078	50.612
79	29.150	91+126	2-Chlorotoluene	991	781011	50.214
80	29.225	105+120	1,3,5-Trimethylbenzene	998	1074871	56.150
81	29.433	91+126	4-Chlorotoluene	991	716507	51.587
82	30.070	119+91	tert-Butylbenzene	984	1427625	55.494
83	30.241	105+120	1,2,4-Trimethylbenzene	995	994435	57.290
84	32.325	117	Pentachloroethane	990	4710	60.437
85	30.688	105+134	sec-Butylbenzene	996	1156701	56.062
86	31.083	119	4-Isopropyltoluene	986	757786	56.463
87	31.218	146+148	1,3-Dichlorobenzene	985	479476	53.388
89	31.498	146+148	1,4-Dichlorobenzene	983	434529	51.103
90	32.318	91	Benzyl Chloride	991	612338	57.597
91	32.318	91+134	n-Butylbenzene	991	876014	56.616
92	32.633	146+148	1,2-Dichlorobenzene	986	412895	51.433
93	34.909	75+157	1,2-Dibromo-3-chloropropane	963	51753	44.473
94	37.077	180+182	1,2,4-Trichlorobenzene	976	210435	51.972
95	37.350	225+226	Hexachlorobutadiene	993	166216	53.739
96	37.770	128	Naphthalene	982	173788	46.361
97	38.391	180+182	1,2,3-Trichlorobenzene	983	183696	45.368

EPA 8270:

Data & QA/QC

Sequence Name: C:\HPCHEM\1\SEQUENCE\120702.S
Comment: data analyzed on the 7th of December 2002
Operator: dp
Data Path: C:\HPCHEM\1\DATA\DEC02\120702\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	120701	DFTPP525	50 ng of DFTPP Tune
2	Sample	3	120702	020401	50 ppm 8270 ccv
3	Sample	7	120703	020401	MB 120702
4	Sample	8	120704	020401	LCS 120702
5	Sample	9	120705	020401	103295-491
6	Sample	10	120706	020401	103295-491, MS
7	Sample	11	120707	020401	103295-491, MSD
8	Sample	12	120708	020401	103295-490
9	Sample	13	120709	020401	103295-492
10	Sample	14	120710	020401	103295-493
11	Sample	15	120711	020401	MB 120402
12	Sample	16	120712	020401	LCS 120402
13	Sample	17	120713	020401	102992-035
14	Sample	18	120714	020401	102992-035, MS
15	Sample	19	120715	020401	102992-035, MSD
16	Sample	1	120716	DFTPP525	50 ng of DFTPP Tune
17	Sample	3	120717	020401	50 ppm 8270 ccv
18	Sample	20	120718	020401	102992-033
19	Sample	21	120719	020401	102992-034
20	Sample	22	120720	020401	102992-036
21	Sample	23	120721	020401	102992-037
22	Sample	24	120722	020401	102992-038
23	Sample	25	120723	020401	102992-039
24	Sample	26	120724	020401	102992-040
25	Sample	27	120725	020401	102992-041
26	Sample	28	120726	020401	102992-042
27	Sample	29	120727	020401	102992-043
28	Sample	30	120728	020401	MB 120402
29	Sample	31	120729	020401	LCS 120402
30	Sample	1	120730	DFTPP525	50 ng of DFTPP Tune
31	Sample	3	120731	020401	50 ppm 8270 ccv
32	Sample	32	120732	020401	102995-057
33	Sample	33	120733	020401	102995-057, MS
34	Sample	34	120734	020401	102995-057, MSD
35	Sample	35	120735	020401	102995-051
36	Sample	36	120736	020401	102995-052
37	Sample	37	120737	020401	102995-053
38	Sample	38	120738	020401	102995-054
39	Sample	39	120739	020401	102995-055
40	Sample	40	120740	020401	102995-056
41	Sample	41	120741	020401	102995-058
42	Sample	42	120742	020401	102995-059
43	Sample	43	120743	020401	102995-060

Sequence Name: C:\HPCHEM\1\SEQUENCE\120702.S

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	3	120744	020401	50 ppm 8270 ccv

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration

Non-Spiked Sample: 120728.D, MB 120402, method blank - soil samples

	Spike Sample	Spike Duplicate Sample
File ID :	120729.D	
Sample :	LCS 120402	
Acq Time:	8 Dec 2002 11:38 am	

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	50	22		44			35	26-125
2-Chlorophenol	0.0	50	21		42			50	25-125
1,4-Dichlorobenzene	0.0	50	22		43			27	28-104
n-Nitroso-di-n-propy	0.0	50	25		50			38	41-126
1,2,4-Trichlorobenze	0.0	50	21		41			23	38-107
4-Chloro-3-methylphe	0.0	50	22		43			33	26-103
Acenaphthene	0.0	50	23		45			19	31-137
4-Nitrophenol	0.1	50	34		67			50	11-114
2,4-Dinitrotoluene	0.0	50	26		52			47	28- 89
Pentachlorophenol	0.0	50	9		17			47	17-109
Pyrene	0.0	50	26		52			36	35-142

- Fails Limit Check

120202.M Sun Dec 08 21:27:26 2002

Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration

Non-Spiked Sample: 120732.D, 102995-057, soil sample

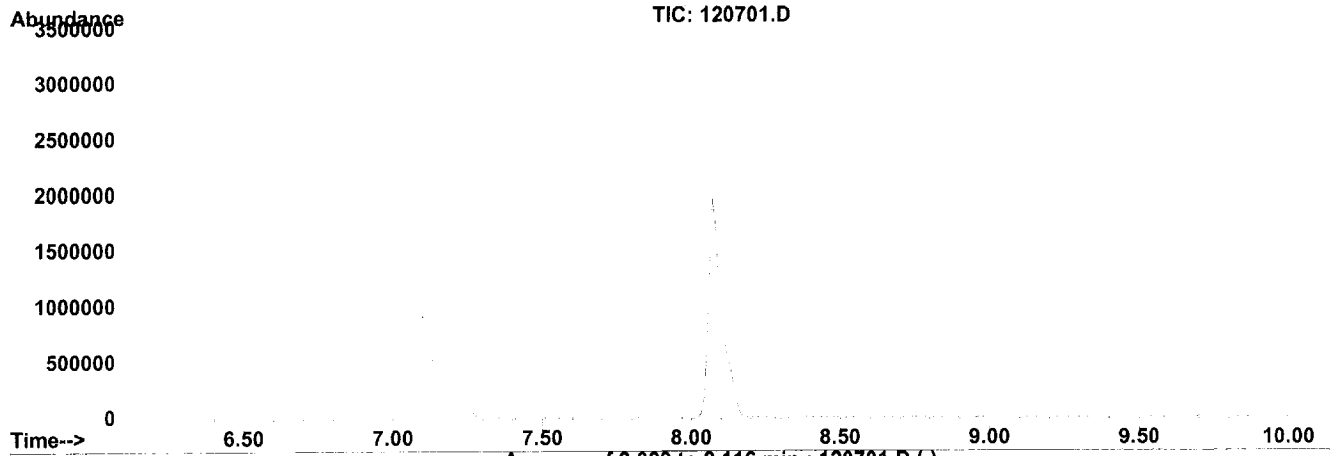
	Spike Sample	Spike Duplicate Sample
File ID :	120733.D	120734.D
Sample :	102995-057, MS	102995-057, MSD
Acq Time:	8 Dec 2002 2:10 pm	8 Dec 2002 2:53 pm

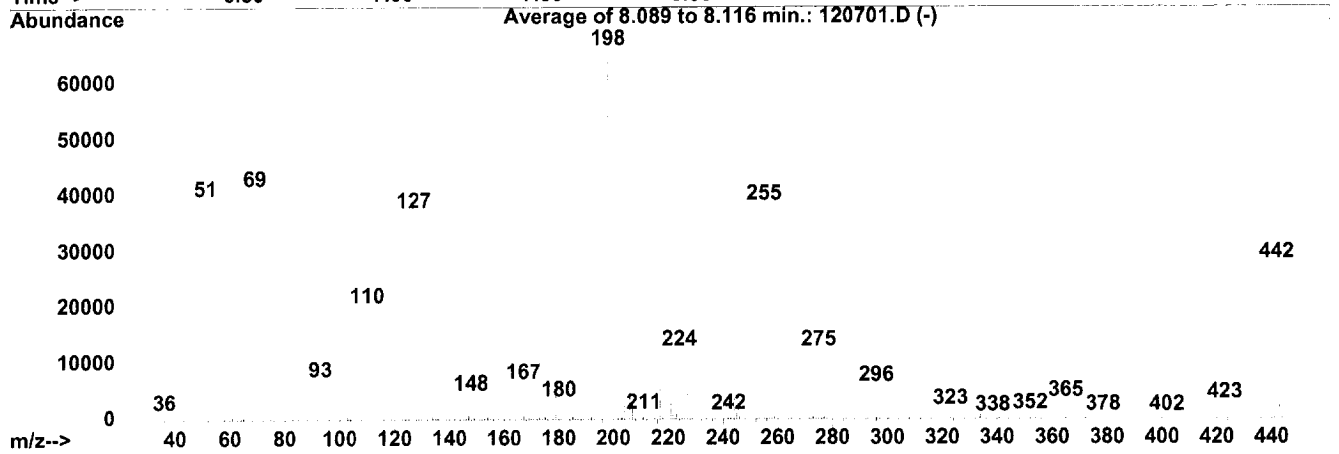
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	50	19	28	38	56	38#	35	26-125
2-Chlorophenol	0.0	50	20	26	39	52	27	50	25-125
1,4-Dichlorobenzene	0.0	50	19	23	37	47	23	27	28-104
n-Nitroso-di-n-propy	0.1	50	23	25	45	50	11	38	41-126
1,2,4-Trichlorobenze	0.0	50	17	24	34#	47	33#	23	38-107
4-Chloro-3-methylphe	0.0	50	16	33	33	66	67#	33	26-103
Acenaphthene	0.0	50	19	30	37	60	47#	19	31-137
4-Nitrophenol	0.0	50	37	51	73	102	33	50	11-114
2,4-Dinitrotoluene	0.0	50	24	34	47	68	35	47	28- 89
Pentachlorophenol	0.1	50	14	23	29	47	48#	47	17-109
Pyrene	0.0	50	23	32	45	63	33	36	35-142

- Fails Limit Check

120202.M Sun Dec 08 21:31:38 2002

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120701.D Vial: 1
Acq On : 7 Dec 2002 4:09 pm Operator: dp
Sample : 50 ng of DFTPP Tune Inst : GC/MS Ins
Misc : W# 02120206, Lot # B1100352-1A Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270





Spectrum Information: Average of 8.089 to 8.116 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	58.7	38982	PASS
68	69	0.00	2	0.9	363	PASS
69	198	0.00	100	61.4	40748	PASS
70	69	0.00	2	0.7	266	PASS
127	198	40	60	55.5	36824	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	66372	PASS
199	198	5	9	7.5	5001	PASS
275	198	10	30	17.9	11897	PASS
365	198	1	100	4.1	2751	PASS
441	443	0.01	100	76.5	4530	PASS
442	198	40	100	41.3	27414	PASS
443	442	17	23	21.6	5923	PASS

Response Factor Report GC/MS Ins

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration

Calibration Files
20 =113002.D 50 =113003.D 80 =113004.D
120 =113005.D 160 =113006.D

		Compound	20	50	80	120	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	ISTD						
2)		Pyridine	0.705	0.856	0.782	0.961	0.889	0.839	11.73
3)	S	2-Fluorophenol	0.967	0.836	0.823	1.021	0.993	0.928	9.95
4)	S	Phenol-d5	1.184	1.056	1.097	1.306	1.246	1.178	8.74
5)	TMC	Phenol	1.288	1.244	1.253	1.527	1.418	1.346	9.12#
6)	T	Aniline	1.172	1.071	1.080	1.253	1.179	1.151	6.60
7)	T	bis(2-Chloroethyl)eth	0.995	0.931	0.929	1.099	1.052	1.001	7.49
8)	TM	2-Chlorophenol	0.929	0.888	0.885	1.049	0.991	0.948	7.47
9)	T	1,3-Dichlorobenzene	1.015	0.963	0.976	1.144	1.116	1.043	7.88
10)	TMC	1,4-Dichlorobenzene	1.090	0.996	1.014	1.211	1.159	1.094	8.41#
11)	T	Benzyl alcohol	0.782	0.715	0.713	0.853	0.809	0.774	7.83
12)	T	1,2-Dichlorobenzene	1.015	0.934	0.930	1.097	1.051	1.006	7.26
13)	T	2-Methylphenol	0.782	0.715	0.713	0.853	0.809	0.774	7.83
14)	T	bis(2-Chloroisopropyl	1.805	1.733	1.753	2.038	1.920	1.850	6.91
15)	T	4-Methylphenol	1.025	0.962	1.004	1.158	1.087	1.047	7.31
16)	T	3-Methylphenol	1.025	0.962	1.004	1.158	1.087	1.047	7.31
17)	TMP	n-Nitroso-di-n-propyl	0.503	0.488	0.510	0.613	0.550	0.533	9.48
18)	T	Hexachloroethane	0.422	0.457	0.462	0.544	0.506	0.478	9.87
19)	I	Naphthalene-d8	ISTD						
20)	S	Nitrobenzene-d5	0.462	0.462	0.525	0.514	0.515	0.496	6.24
21)	T	Nitrobenzene	0.232	0.228	0.265	0.263	0.266	0.251	7.61
22)	T	Isophorone	0.881	0.853	0.961	0.932	0.924	0.910	4.72
23)	TC	2-Nitrophenol	0.243	0.238	0.270	0.273	0.280	0.261	7.27#
24)	T	2,4-Dimethylphenol	0.285	0.290	0.320	0.322	0.328	0.309	6.44
25)	T	bis(2-Chloroethoxy)me	0.489	0.546	0.588	0.558	0.566	0.549	6.75
26)	T	Benzoic acid	0.221	0.251	0.293	0.297	0.299	0.272	12.77
27)	TC	2,4-Dichlorophenol	0.330	0.325	0.358	0.357	0.364	0.347	5.13#
28)	TM	1,2,4-Trichlorobenzen	0.317	0.334	0.372	0.360	0.372	0.351	7.00
29)	T	Naphthalene	1.162	1.177	1.308	1.263	1.277	1.237	5.19
30)	T	4-Chloroaniline	0.463	0.467	0.527	0.523	0.519	0.500	6.37
31)	TC	Hexachlorobutadiene	0.167	0.164	0.185	0.185	0.189	0.178	6.36#
32)	TMC	4-Chloro-3-methylphen	0.329	0.339	0.405	0.379	0.387	0.368	8.83#
33)	T	2-Methylnaphthalene	0.734	0.752	0.863	0.841	0.845	0.807	7.37
34)	I	Acenaphthene-d10	ISTD						
35)	TP	Hexachloropentadiene	0.256	0.280	0.306	0.309	0.323	0.295	8.96
36)	TC	2,4,6-Trichlorophenol	0.356	0.347	0.416	0.407	0.425	0.390	9.23#
37)	T	2,4,5-Trichlorophenol	0.374	0.368	0.412	0.427	0.440	0.404	7.89
38)	S	2-Fluorobiphenyl	1.302	1.310	1.487	1.429	1.477	1.401	6.39
39)	T	2-Chloronaphthalene	1.266	1.230	1.407	1.348	1.398	1.330	5.95
40)	T	2-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
41)	T	Dimethylphthalate	1.457	1.487	1.644	1.563	1.580	1.546	4.85

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration

Calibration Files
20 =113002.D 50 =113003.D 80 =113004.D
120 =113005.D 160 =113006.D

		Compound	20	50	80	120	160	Avg	%RSD
42)	T	2,6-Dinitrotoluene	0.305	0.328	0.390	0.374	0.387	0.357	10.70
43)	T	Acenaphthylene	2.167	2.144	2.406	2.271	2.287	2.255	4.64
44)	T	3-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
45)	TMC	Acenaphthene	1.237	1.232	1.352	1.326	1.354	1.300	4.68#
46)	TP	2,4-Dinitrophenol	0.118	0.156	0.200	0.207	0.223	0.181	23.92
47)	TMP	4-Nitrophenol	0.172	0.202	0.242	0.227	0.244	0.218	14.04
48)	TM	2,4-Dinitrotoluene	0.376	0.435	0.506	0.478	0.494	0.458	11.62
49)	T	Dibenzofuran	1.752	1.790	2.011	1.887	1.930	1.874	5.58
50)	T	Diethylphthalate	1.561	1.594	1.753	1.620	1.645	1.635	4.48
51)	T	4-Chlorophenyl phenyl	0.583	0.569	0.650	0.621	0.631	0.611	5.51
52)	T	Fluorene	1.447	1.408	1.622	1.543	1.569	1.518	5.82
53)	T	4-Nitroaniline	0.481	0.516	0.595	0.584	0.604	0.556	9.78
54)	S	2,4,6-Tribromophenol	0.128	0.149	0.167	0.168	0.167	0.156	11.38
55)	I	Phenanthrene-d10	----------ISTD----------						
56)	T	4,6-Dinitro-2-methylp	0.124	0.161	0.203	0.218	0.227	0.186	23.28
57)	TC	n-Nitrosodiphenylamin	0.667	0.696	0.752	0.784	0.771	0.734	6.84#
58)	T	Azobenzene	1.292	1.332	1.431	1.438	1.463	1.391	5.35
59)	T	4-Bromophenyl phenyl	0.221	0.225	0.245	0.249	0.255	0.239	6.41
60)	T	Hexachlorobenzene	0.228	0.234	0.269	0.269	0.265	0.253	8.00
61)	TMC	Pentachlorophenol	0.128	0.143	0.169	0.175	0.192	0.161	15.86#
62)	T	Anthracene	1.366	1.343	1.507	1.539	1.562	1.463	6.95
63)	T	Phenanthrene	1.376	1.374	1.477	1.497	1.506	1.446	4.55
64)	T	Di-n-butylphthalate	2.011	2.024	2.211	2.212	2.223	2.136	5.09
65)	TC	Fluoranthene	1.295	1.292	1.468	1.425	1.469	1.390	6.45#
66)	I	Chrysene-d12	----------ISTD----------						
67)	TM	Pyrene	1.694	1.622	1.843	1.807	1.929	1.779	6.85
68)	S	Terphenyl-d14	1.087	1.062	1.214	1.193	1.270	1.165	7.53
69)	T	Butylbenzylphthalate	1.082	1.069	1.234	1.220	1.281	1.177	8.13
70)	T	3,3'-Dichlorobenzidin	0.488	0.497	0.616	0.605	0.630	0.567	12.13
71)	T	bis(2-Ethylhexyl)phth	1.421	1.507	1.659	1.649	1.781	1.603	8.79
72)	T	Benzo(a)anthracene	1.455	1.450	1.663	1.633	1.675	1.575	7.16
73)	T	Chrysene	1.380	1.331	1.507	1.516	1.588	1.464	7.22
74)	I	Perylene-d12	----------ISTD----------						
75)	TC	Di-n-octylphthalate	2.073	2.271	2.396	2.393	2.676	2.362	9.28#
76)	T	Benzo(b)fluoranthrene	2.068	2.078	2.321	2.201	2.240	2.181	4.96
77)	T	Benzo(k)fluoranthrene	1.707	1.834	1.952	1.969	2.186	1.929	9.22
78)	TC	Benzo(a)pyrene	1.593	1.726	1.913	1.858	2.017	1.821	9.07#
79)	T	Indeno(1,2,3-cd)pyren	1.751	1.869	2.166	2.123	2.268	2.035	10.64
80)	T	Dibenzo(a,h)anthracen	1.322	1.479	1.710	1.691	1.804	1.601	12.24
81)	T	Benzo(g,h,i)perylene	1.453	1.575	1.808	1.780	1.860	1.695	10.23

(#) = Out of Range

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120728.D Vial: 30
Acq On : 8 Dec 2002 10:55 am Operator: dp
Sample : MB 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:25 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1266253	40.00	ug/L	0.00
19) Naphthalene-d8	12.52	136	3157338	40.00	ug/L	-0.01
34) Acenaphthene-d10	17.14	164	1470588	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1937136	40.00	ug/L	0.00
66) Chrysene-d12	27.78	240	1379260	40.00	ug/L	-0.01
74) Perylene-d12	31.19	264	917390	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1041431	35.45	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 35.45%			
4) Phenol-d5	8.37	99	1590331	42.66	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 42.66%			
20) Nitrobenzene-d5	10.66	82	903216	23.09	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 46.18%			
38) 2-Fluorobiphenyl	15.42	172	990988	19.24	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 38.48%			
54) 2,4,6-Tribromophenol	19.20	330	163460	28.55	ug/L	-0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 28.55%			
68) Terphenyl-d14	25.12	244	1375198	34.22	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 68.44%			
Target Compounds						Qvalue
64) Di-n-butylphthalate	22.55	149	71604	0.69	ug/L	97
71) bis(2-Ethylhexyl)phthalate	27.83	149	41987	0.76	ug/L	91
75) Di-n-octylphthalate	27.83	149	41987	0.78	ug/L	98

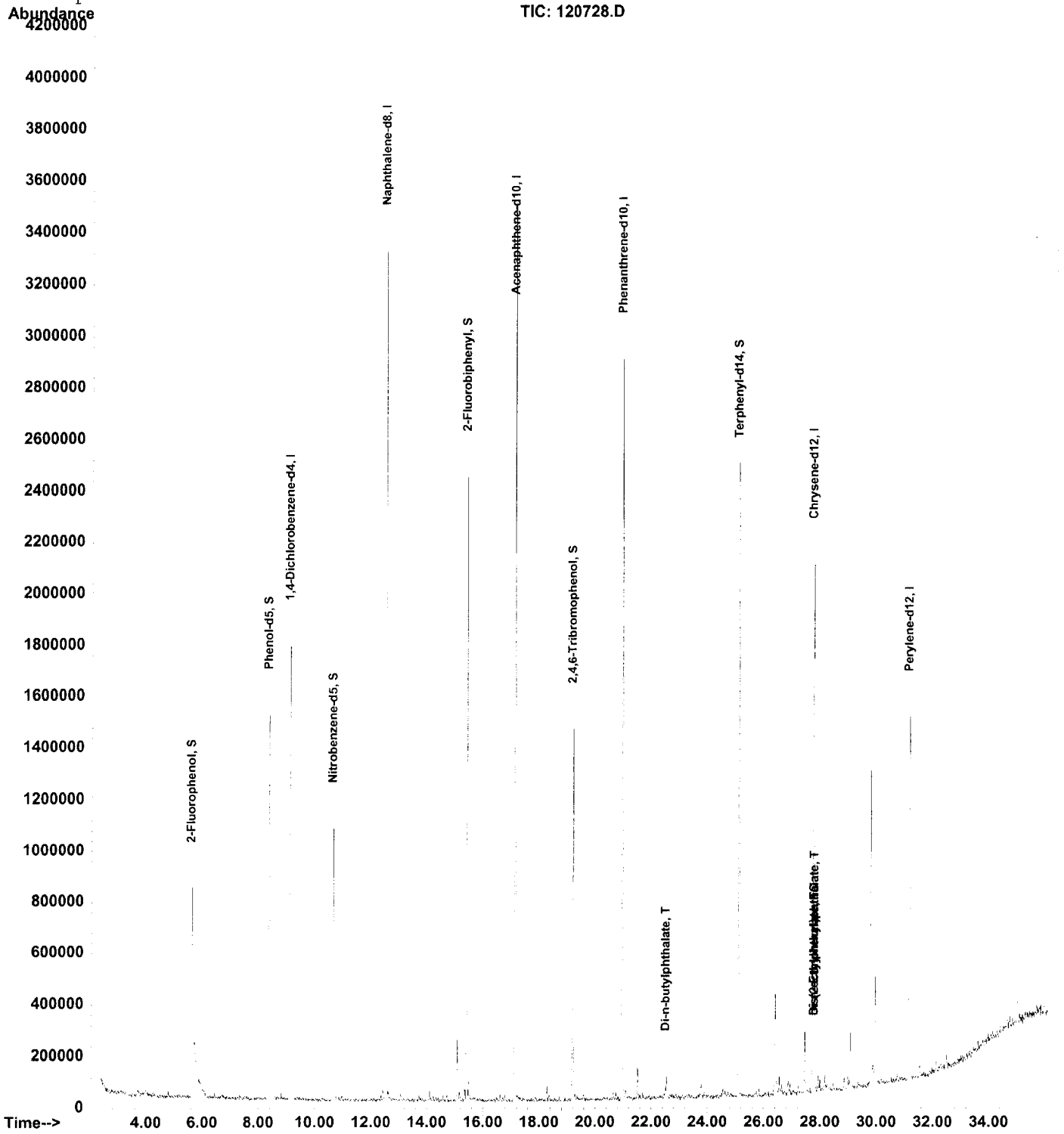
(#) = qualifier out of range (m) = manual integration

000189

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120728.D Vial: 30
Acq On : 8 Dec 2002 10:55 am Operator: dp
Sample : MB 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:25 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000190

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120729.D Vial: 31
Acq On : 8 Dec 2002 11:38 am Operator: dp
Sample : LCS 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1758335	40.00	ug/L	0.00
19) Naphthalene-d8	12.54	136	3842219	40.00	ug/L	0.00
34) Acenaphthene-d10	17.14	164	1764000	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	2200974	40.00	ug/L	0.00
66) Chrysene-d12	27.79	240	1710382	40.00	ug/L	0.00
74) Perylene-d12	31.20	264	1122862	40.00	ug/L	0.01
System Monitoring Compounds						
3) 2-Fluorophenol	5.65	112	1220962	29.93	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 29.93%			
4) Phenol-d5	8.37	99	2404970	46.46	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 46.46%			
20) Nitrobenzene-d5	10.66	82	1273832	26.76	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 53.52%			
38) 2-Fluorobiphenyl	15.42	172	1389838	22.49	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 44.98%			
54) 2,4,6-Tribromophenol	19.21	330	264134	38.47	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 38.47%			
68) Terphenyl-d14	25.12	244	1233924	24.76	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 49.52%			
Target Compounds						Qvalue
5) Phenol	8.42	94	1309536	22.13	ug/L #	88
7) bis(2-Chloroethyl)ether	8.51	93	1085202	24.66	ug/L	90
8) 2-Chlorophenol	8.59	128	867575	20.81	ug/L	94
9) 1,3-Dichlorobenzene	8.95	146	993645	21.68	ug/L	94
10) 1,4-Dichlorobenzene	9.16	146	1038134	21.59	ug/L	96
12) 1,2-Dichlorobenzene	9.56	146	965775	21.85	ug/L	94
14) bis(2-Chloroisopropyl)ethe	9.96	45	2044715	25.14	ug/L #	82
15) 4-Methylphenol	10.46	107	922507	20.04	ug/L	97
16) 3-Methylphenol	10.46	107	922507	20.04	ug/L	97
17) n-Nitroso-di-n-propylamine	10.33	70	587420m	25.07	ug/L	
18) Hexachloroethane	10.44	117	533367	25.37	ug/L	97
21) Nitrobenzene	10.72	123	540325	22.43	ug/L	95
22) Isophorone	11.37	82	1696290	19.40	ug/L	98
23) 2-Nitrophenol	11.57	139	467906	18.68	ug/L	98
24) 2,4-Dimethylphenol	11.84	122	155113	5.23	ug/L #	95
25) bis(2-Chloroethoxy)methane	12.03	93	1127743	21.37	ug/L	99
27) 2,4-Dichlorophenol	12.26	162	645464	19.37	ug/L	98
28) 1,2,4-Trichlorobenzene	12.40	180	695826	20.63	ug/L	96
29) Naphthalene	12.59	128	2678528	22.54	ug/L	98

(#) = qualifier out of range (m) = manual integration

000191

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120729.D Vial: 31
Acq On : 8 Dec 2002 11:38 am Operator: dp
Sample : LCS 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) 4-Chloroaniline	12.59	127	372820	7.76 ug/L	95
31) Hexachlorobutadiene	12.94	225	394397	23.06 ug/L	97
32) 4-Chloro-3-methylphenol	14.25	107	761650	21.55 ug/L	95
33) 2-Methylnaphthalene	14.42	142	1615302	20.84 ug/L	96
35) Hexachloropentadiene	14.84	237	184667	14.22 ug/L	97
36) 2,4,6-Trichlorophenol	15.24	196	355692	20.67 ug/L	97
37) 2,4,5-Trichlorophenol	15.37	196	401232	22.51 ug/L	95
39) 2-Chloronaphthalene	15.69	162	1454647	24.80 ug/L	99
40) 2-Nitroaniline	16.07	138	548676	22.38 ug/L	92
41) Dimethylphthalate	16.55	163	1695948	24.87 ug/L	100
42) 2,6-Dinitrotoluene	16.72	165	407943	25.91 ug/L	95
43) Acenaphthylene	16.76	152	1974989	19.86 ug/L	98
44) 3-Nitroaniline	16.07	138	548676	22.38 ug/L	92
45) Acenaphthene	17.22	154	1297555	22.63 ug/L	98
47) 4-Nitrophenol	17.77	109	322036	33.57 ug/L	88
48) 2,4-Dinitrotoluene	17.73	165	526443	26.08 ug/L	82
49) Dibenzofuran	17.67	168	1762707	21.33 ug/L	98
50) Diethylphthalate	18.37	149	2080478	28.86 ug/L	99
51) 4-Chlorophenyl phenyl ethe	18.59	204	599991	22.27 ug/L	97
52) Fluorene	18.56	166	1455920	21.75 ug/L	97
53) 4-Nitroaniline	16.07	138	548676	22.38 ug/L	94
56) 4,6-Dinitro-2-methylphenol	18.77	198	70914	6.91 ug/L	80
58) Azobenzene	19.00	77	2450935	32.02 ug/L	96
59) 4-Bromophenyl phenyl ether	19.84	248	350639	26.65 ug/L	93
60) Hexachlorobenzene	19.98	284	341195	24.50 ug/L	97
61) Pentachlorophenol	20.54	266	76359	8.59 ug/L	89
62) Anthracene	21.16	178	1819491	22.60 ug/L	98
63) Phenanthrene	21.04	178	2045301	25.71 ug/L	99
64) Di-n-butylphthalate	22.56	149	3510336	29.87 ug/L	100
65) Fluoranthene	24.09	202	1921682	25.13 ug/L	98
67) Pyrene	24.67	202	1989415	26.15 ug/L	99
69) Butylbenzylphthalate	26.40	149	1625787	32.30 ug/L	98
71) bis(2-Ethylhexyl)phthalate	27.84	149	2546767	37.14 ug/L	99
72) Benzo(a)anthracene	27.76	228	1696381	25.18 ug/L	96
73) Chrysene	27.86	228	1695852	27.08 ug/L	98
75) Di-n-octylphthalate	27.84	149	2546767	38.42 ug/L	100
76) Benzo(b)fluoranthrene	30.34	252	1551011	25.33 ug/L	97
77) Benzo(k)fluoranthrene	30.41	252	1398285	25.82 ug/L	98
78) Benzo(a)pyrene	31.06	252	1192112	23.32 ug/L	98
79) Indeno(1,2,3-cd)pyrene	33.31	276	1385161	24.24 ug/L	98
80) Dibenzo(a,h)anthracene	33.32	278	1213525	27.00 ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120729.D Vial: 31
Acq On : 8 Dec 2002 11:38 am Operator: dp
Sample : LCS 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:27 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

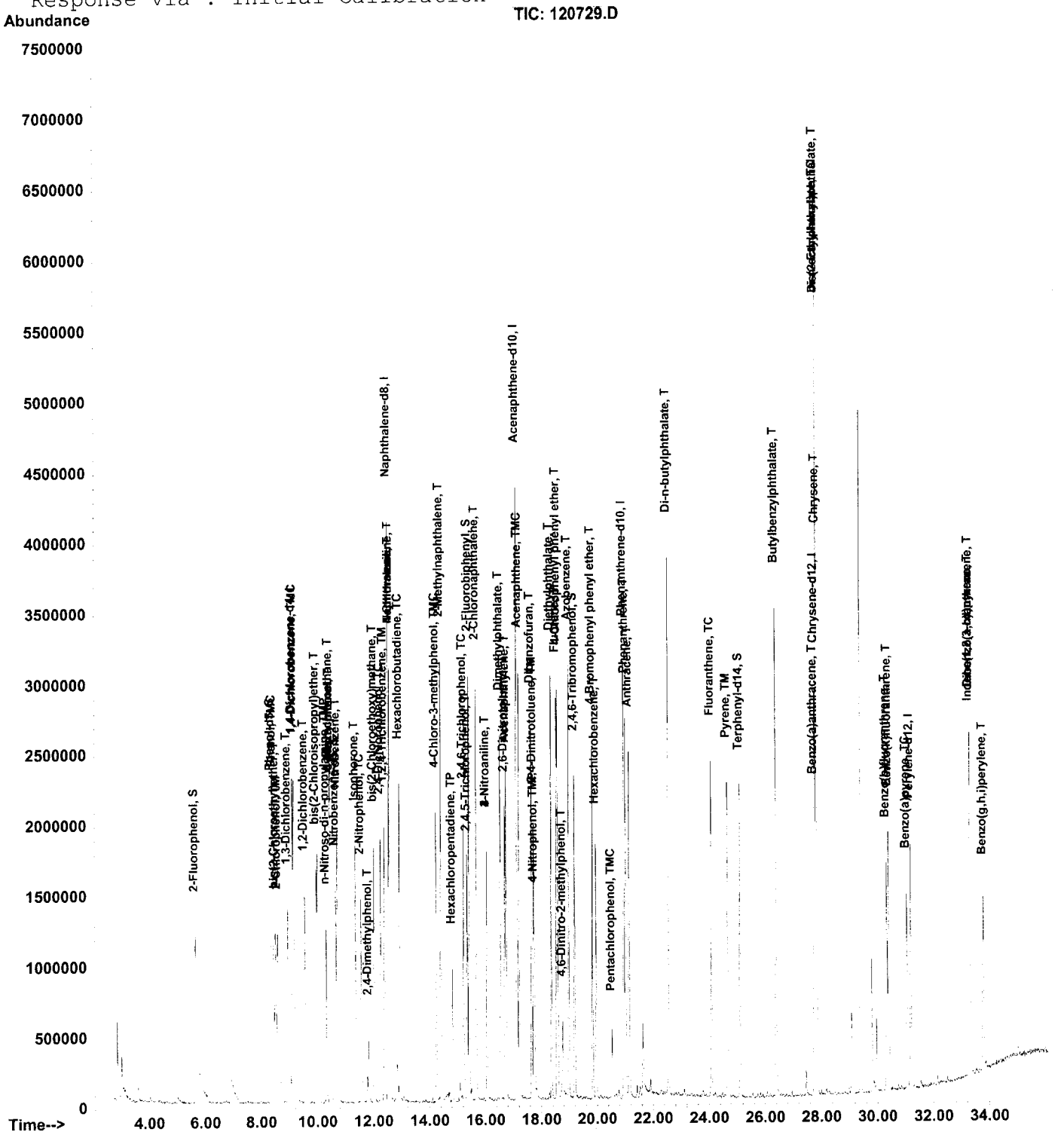
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81) Benzo(g,h,i)perylene	33.80	276	1137191	23.90	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120729.D Vial: 31
Acq On : 8 Dec 2002 11:38 am Operator: dp
Sample : LCS 120402 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:27 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000194

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1277128	40.00	ug/L		0.00
19) Naphthalene-d8	12.54	136	2569350	40.00	ug/L		0.00
34) Acenaphthene-d10	17.14	164	1152987	40.00	ug/L		0.00
55) Phenanthrene-d10	20.97	188	1436168	40.00	ug/L		0.00
66) Chrysene-d12	27.79	240	1201888	40.00	ug/L		0.00
74) Perylene-d12	31.19	264	720936	40.00	ug/L		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.65	112	1298001	43.81	ug/L		0.00
Spiked Amount 100.000	Range 21 - 110		Recovery = 43.81%				
4) Phenol-d5	8.37	99	1779341	47.32	ug/L		0.00
Spiked Amount 100.000	Range 10 - 110		Recovery = 47.32%				
20) Nitrobenzene-d5	10.66	82	1932934	60.72	ug/L		0.00
Spiked Amount 50.000	Range 34 - 114		Recovery = 121.44%#				
38) 2-Fluorobiphenyl	15.43	172	2082443	51.56	ug/L		0.00
Spiked Amount 50.000	Range 43 - 116		Recovery = 103.12%				
54) 2,4,6-Tribromophenol	19.21	330	191921	42.76	ug/L		0.00
Spiked Amount 100.000	Range 10 - 123		Recovery = 42.76%				
68) Terphenyl-d14	25.12	244	1589262	45.39	ug/L		0.00
Spiked Amount 50.000	Range 33 - 141		Recovery = 90.78%				
Target Compounds							Qvalue
2) Pyridine	2.85	79	836787	31.25	ug/L		100
5) Phenol	8.41	94	1991733	46.34	ug/L		88
6) Aniline	8.30	93	826158	22.49	ug/L		91
7) bis(2-Chloroethyl)ether	8.51	93	1811947	56.68	ug/L		83
8) 2-Chlorophenol	8.59	128	1378313	45.52	ug/L		97
9) 1,3-Dichlorobenzene	8.95	146	1524565	45.79	ug/L		94
10) 1,4-Dichlorobenzene	9.16	146	1564758	44.80	ug/L		96
11) Benzyl alcohol	9.63	108	936615	37.88	ug/L		98
12) 1,2-Dichlorobenzene	9.56	146	1456173	45.36	ug/L		95
13) 2-Methylphenol	10.01	108	1123235	45.43	ug/L	#	88
14) bis(2-Chloroisopropyl)ethe	9.96	45	2963963	50.18	ug/L	#	79
15) 4-Methylphenol	10.46	107	1566094	46.83	ug/L		99
16) 3-Methylphenol	10.46	107	1566094	46.83	ug/L		99
17) n-Nitroso-di-n-propylamine	10.33	70	510093	29.97	ug/L		97
18) Hexachloroethane	10.44	117	835921	54.75	ug/L		96
21) Nitrobenzene	10.72	123	733191	45.52	ug/L		96
22) Isophorone	11.37	82	3324848	56.87	ug/L		99
23) 2-Nitrophenol	11.57	139	796725	47.57	ug/L		96
24) 2,4-Dimethylphenol	11.84	122	868579	43.78	ug/L		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:35 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
25) bis(2-Chloroethoxy)methane	12.03	93	1822142	51.63 ug/L	100
26) Benzoic acid	12.33	105	927819	53.06 ug/L	88
27) 2,4-Dichlorophenol	12.27	162	983809	44.15 ug/L	98
28) 1,2,4-Trichlorobenzene	12.41	180	1014333	44.97 ug/L	99
29) Naphthalene	12.59	128	3787366	47.66 ug/L	99
30) 4-Chloroaniline	12.59	127	554007	17.25 ug/L	99
31) Hexachlorobutadiene	12.94	225	608488	53.20 ug/L	98
32) 4-Chloro-3-methylphenol	14.25	107	1239079	52.42 ug/L	98
33) 2-Methylnaphthalene	14.43	142	2427226	46.83 ug/L	97
35) Hexachloropentadiene	14.84	237	353594	41.65 ug/L	95
36) 2,4,6-Trichlorophenol	15.24	196	575114	51.14 ug/L	97
37) 2,4,5-Trichlorophenol	15.37	196	564810	48.48 ug/L	99
39) 2-Chloronaphthalene	15.69	162	1881193	49.07 ug/L	99
40) 2-Nitroaniline	16.08	138	741607	46.28 ug/L	90
41) Dimethylphthalate	16.56	163	2336980	52.44 ug/L	99
42) 2,6-Dinitrotoluene	16.72	165	545708	53.03 ug/L #	73
43) Acenaphthylene	16.77	152	3033593	46.67 ug/L	99
44) 3-Nitroaniline	16.08	138	741607	46.28 ug/L	90
45) Acenaphthene	17.23	154	1874773	50.02 ug/L	100
46) 2,4-Dinitrophenol	17.42	184	242476	46.55 ug/L	89
47) 4-Nitrophenol	17.78	109	493711	78.74 ug/L	93
48) 2,4-Dinitrotoluene	17.75	165	694530	52.63 ug/L	85
49) Dibenzofuran	17.68	168	2569777	47.57 ug/L	99
50) Diethylphthalate	18.38	149	2600301	55.19 ug/L	99
51) 4-Chlorophenyl phenyl ethe	18.60	204	832914	47.29 ug/L	98
52) Fluorene	18.57	166	2036970	46.56 ug/L	99
53) 4-Nitroaniline	16.08	138	741607	46.28 ug/L	94
56) 4,6-Dinitro-2-methylphenol	18.78	198	361373	53.98 ug/L	98
57) n-Nitrosodiphenylamine	18.94	169	933388	35.40 ug/L	99
58) Azobenzene	19.01	77	3522444	70.52 ug/L	95
59) 4-Bromophenyl phenyl ether	19.86	248	409226	47.67 ug/L	99
60) Hexachlorobenzene	19.98	284	433543	47.71 ug/L	97
61) Pentachlorophenol	20.54	266	267018	46.05 ug/L	98
62) Anthracene	21.16	178	2522091	48.01 ug/L	98
63) Phenanthrene	21.04	178	2563026	49.37 ug/L	100
64) Di-n-butylphthalate	22.56	149	4442948	57.93 ug/L	100
65) Fluoranthene	24.10	202	2447934	49.05 ug/L	98
67) Pyrene	24.67	202	2472096	46.25 ug/L	100
69) Butylbenzylphthalate	26.40	149	2013678	56.93 ug/L	100
70) 3,3'-Dichlorobenzidine	27.76	252	569303	33.40 ug/L	91
71) bis(2-Ethylhexyl)phthalate	27.84	149	3011396	62.50 ug/L	99

(#) = qualifier out of range (m) = manual integration

000196

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:35 19102 Quant Results File: 120202.RES

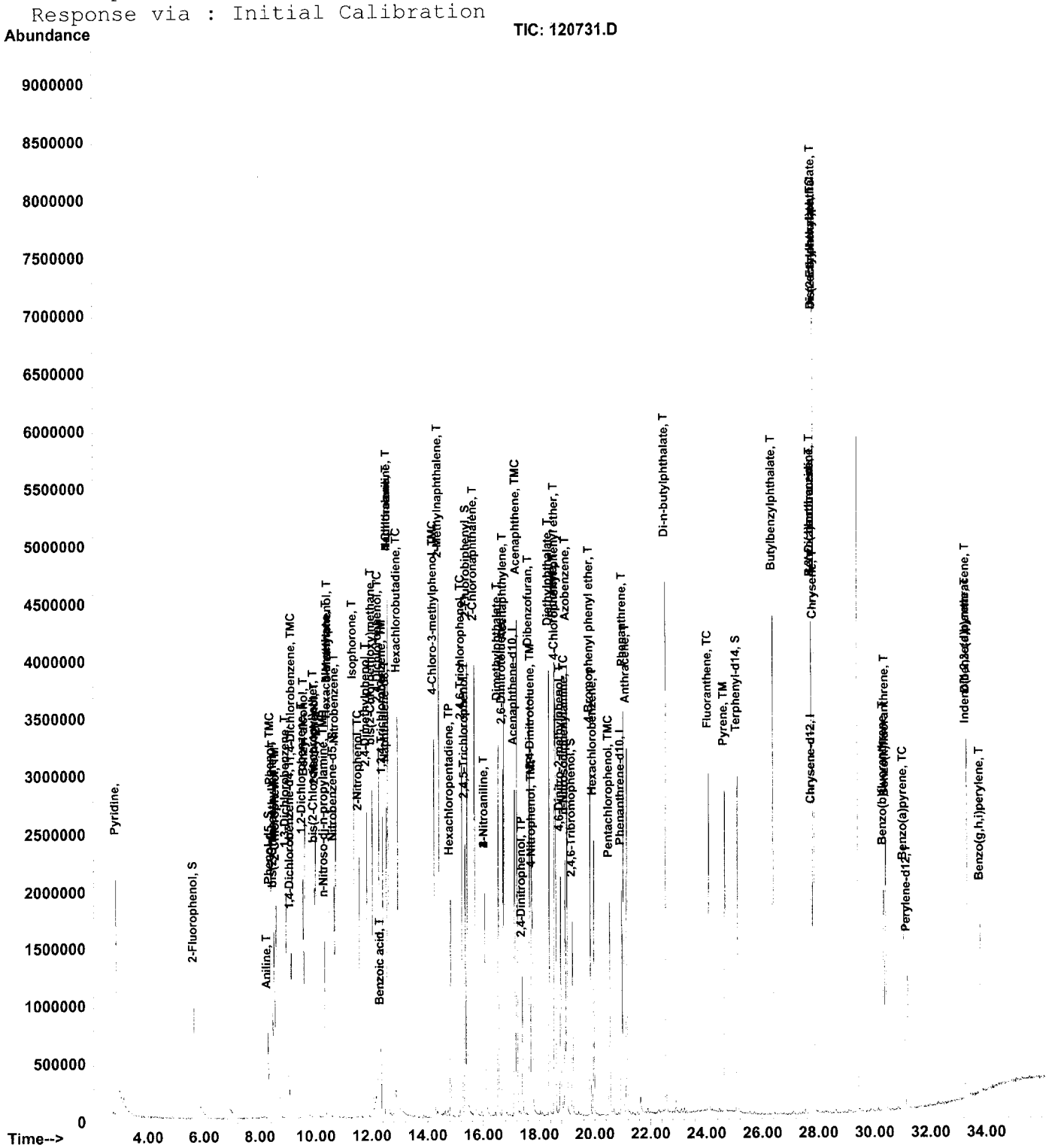
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
72) Benzo(a)anthracene	27.76	228	2275628	48.08	ug/L	97
73) Chrysene	27.86	228	2102567	47.78	ug/L	100
75) Di-n-octylphthalate	27.84	149	3011396	70.75	ug/L	99
76) Benzo(b)fluoranthrene	30.34	252	1920345	48.84	ug/L	97
77) Benzo(k)fluoranthrene	30.41	252	1731520	49.79	ug/L	97
78) Benzo(a)pyrene	31.06	252	1588626	48.40	ug/L	99
79) Indeno(1,2,3-cd)pyrene	33.31	276	1771116	48.28	ug/L	98
80) Dibenzo(a,h)anthracene	33.32	278	1465472	50.78	ug/L	94
81) Benzo(g,h,i)perylene	33.80	276	1371360	44.88	ug/L	97

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:35 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000193

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	238#	0.00
2		Pyridine	0.839	0.524	37.5#	146	0.00
3	S	2-Fluorophenol	0.928	0.813	12.4	232#	0.00
4	S	Phenol-d5	1.178	1.115	5.3	251#	0.00
5	TMC	Phenol	1.346	1.248	7.3#	239#	0.00
6	T	Aniline	1.151	0.518	55.0#	115	0.00
7	T	bis(2-Chloroethyl)ether	1.001	1.135	-13.4	290#	0.00
8	TM	2-Chlorophenol	0.948	0.863	9.0	232#	0.00
9	T	1,3-Dichlorobenzene	1.043	0.955	8.4	236#	0.00
10	TMC	1,4-Dichlorobenzene	1.094	0.980	10.4#	234#	0.00
11	T	Benzyl alcohol	0.774	0.587	24.2	195#	0.00
12	T	1,2-Dichlorobenzene	1.006	0.912	9.3	233#	0.00
13	T	2-Methylphenol	0.774	0.704	9.0	234#	0.00
14	T	bis(2-Chloroisopropyl)ether	1.850	1.857	-0.4	255#	0.00
15	T	4-Methylphenol	1.047	0.981	6.3	243#	0.00
16	T	3-Methylphenol	1.047	0.981	6.3	243#	0.00
17	TMP	n-Nitroso-di-n-propylamine	0.533	0.320	40.0#	156#	0.00
18	T	Hexachloroethane	0.478	0.524	-9.6	273#	0.00
19	I	Naphthalene-d8	1.000	1.000	0.0	232#	0.00
20	S	Nitrobenzene-d5	0.496	0.602	-21.4	301#	0.00
21	T	Nitrobenzene	0.251	0.228	9.2	232#	0.00
22	T	Isophorone	0.910	1.035	-13.7	281#	0.00
23	TC	2-Nitrophenol	0.261	0.248	5.0#	241#	0.00
24	T	2,4-Dimethylphenol	0.309	0.270	12.6	216#	0.00
25	T	bis(2-Chloroethoxy)methane	0.549	0.567	-3.3	241#	0.00
26	T	Benzoic acid	0.272	0.289	-6.2	267#	0.00
27	TC	2,4-Dichlorophenol	0.347	0.306	11.8#	218#	0.00
28	TM	1,2,4-Trichlorobenzene	0.351	0.316	10.0	219#	0.00
29	T	Naphthalene	1.237	1.179	4.7	232#	0.00
30	T	4-Chloroaniline	0.500	0.172	65.6#	85	0.00
31	TC	Hexachlorobutadiene	0.178	0.189	-6.2#	267#	0.00
32	TMC	4-Chloro-3-methylphenol	0.368	0.386	-4.9#	263#	0.00
33	T	2-Methylnaphthalene	0.807	0.756	6.3	233#	0.00
34	I	Acenaphthene-d10	1.000	1.000	0.0	199#	0.00
35	TP	Hexachloropentadiene	0.295	0.245	16.9	175#	0.00
36	TC	2,4,6-Trichlorophenol	0.390	0.399	-2.3#	229#	0.00
37	T	2,4,5-Trichlorophenol	0.404	0.392	3.0	212#	0.00
38	S	2-Fluorobiphenyl	1.401	1.445	-3.1	219#	0.00
39	T	2-Chloronaphthalene	1.330	1.305	1.9	211#	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	T	2-Nitroaniline	0.556	0.515	7.4	199#	0.00
41	T	Dimethylphthalate	1.546	1.622	-4.9	217#	0.00
42	T	2,6-Dinitrotoluene	0.357	0.379	-6.2	230#	0.00
43	T	Acenaphthylene	2.255	2.105	6.7	195#	0.00
44	T	3-Nitroaniline	0.556	0.515	7.4	199#	0.00
45	TMC	Acenaphthene	1.300	1.301	-0.1#	210#	0.00
46	TP	2,4-Dinitrophenol	0.181	0.168	7.2	215#	0.00
47	TMP	4-Nitrophenol	0.218	0.343	-57.3#	338#	0.00
48	TM	2,4-Dinitrotoluene	0.458	0.482	-5.2	220#	0.00
49	T	Dibenzofuran	1.874	1.783	4.9	198#	0.00
50	T	Diethylphthalate	1.635	1.804	-10.3	225#	0.00
51	T	4-Chlorophenyl phenyl ether	0.611	0.578	5.4	202#	0.00
52	T	Fluorene	1.518	1.413	6.9	200#	0.00
53	T	4-Nitroaniline	0.556	0.515	7.4	199#	0.00
54	S	2,4,6-Tribromophenol	0.156	0.133	14.7	178#	0.00
55	I	Phenanthrene-d10	1.000	1.000	0.0	180#	0.00
56	T	4,6-Dinitro-2-methylphenol	0.186	0.201	-8.1	226#	0.00
57	TC	n-Nitrosodiphenylamine	0.734	0.520	29.2#	134	0.00
58	T	Azobenzene	1.391	1.962	-41.0#	265#	0.00
59	T	4-Bromophenyl phenyl ether	0.239	0.228	4.6	182#	0.00
60	T	Hexachlorobenzene	0.253	0.241	4.7	186#	0.00
61	TMC	Pentachlorophenol	0.161	0.149	7.5#	187#	0.00
62	T	Anthracene	1.463	1.405	4.0	188#	0.00
63	T	Phenanthrene	1.446	1.428	1.2	187#	0.00
64	T	Di-n-butylphthalate	2.136	2.475	-15.9	220#	0.00
65	TC	Fluoranthene	1.390	1.364	1.9#	190#	0.00
66	I	Chrysene-d12	1.000	1.000	0.0	184#	0.00
67	TM	Pyrene	1.779	1.645	7.5	186#	0.00
68	S	Terphenyl-d14	1.165	1.058	9.2	183#	0.00
69	T	Butylbenzylphthalate	1.177	1.340	-13.8	230#	0.00
70	T	3,3'-Dichlorobenzidine	0.567	0.379	33.2#	140	0.00
71	T	bis(2-Ethylhexyl)phthalate	1.603	2.004	-25.0#	244#	0.00
72	T	Benzo(a)anthracene	1.575	1.515	3.8	192#	0.00
73	T	Chrysene	1.464	1.400	4.4	193#	0.00
74	I	Perylene-d12	1.000	1.000	0.0	166#	0.00
75	TC	Di-n-octylphthalate	2.362	3.342	-41.5#	244#	0.00
76	T	Benzo(b)fluoranthrene	2.181	2.131	2.3	170#	0.00
77	T	Benzo(k)fluoranthrene	1.929	1.921	0.4	174#	0.00

(#) = Out of Range

000200

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
78	TC	Benzo(a)pyrene	1.821	1.763	3.2#	170#	0.00
79	T	Indeno(1,2,3-cd)pyrene	2.035	1.965	3.4	175#	0.00
80	T	Dibenzo(a,h)anthracene	1.601	1.626	-1.6	182#	0.00
81	T	Benzo(g,h,i)perylene	1.695	1.522	10.2	160#	0.00

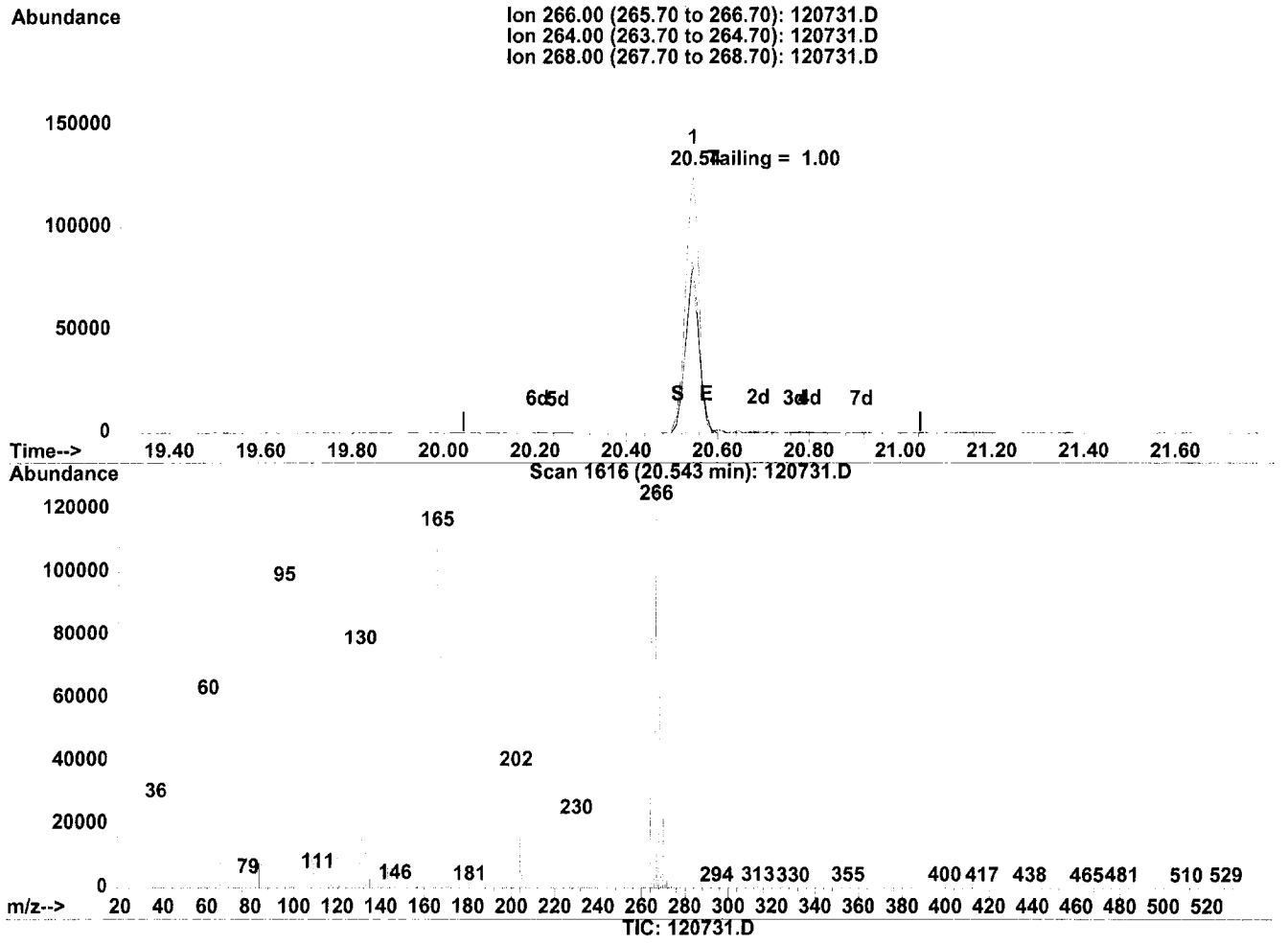
(#) = Out of Range SPCC's out = 0 CCC's out = 13

000201

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
Quant Time: Dec 8 21:35 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Multiple Level Calibration



(61) Pentachlorophenol (TMC)

20.54min 46.05ug/L

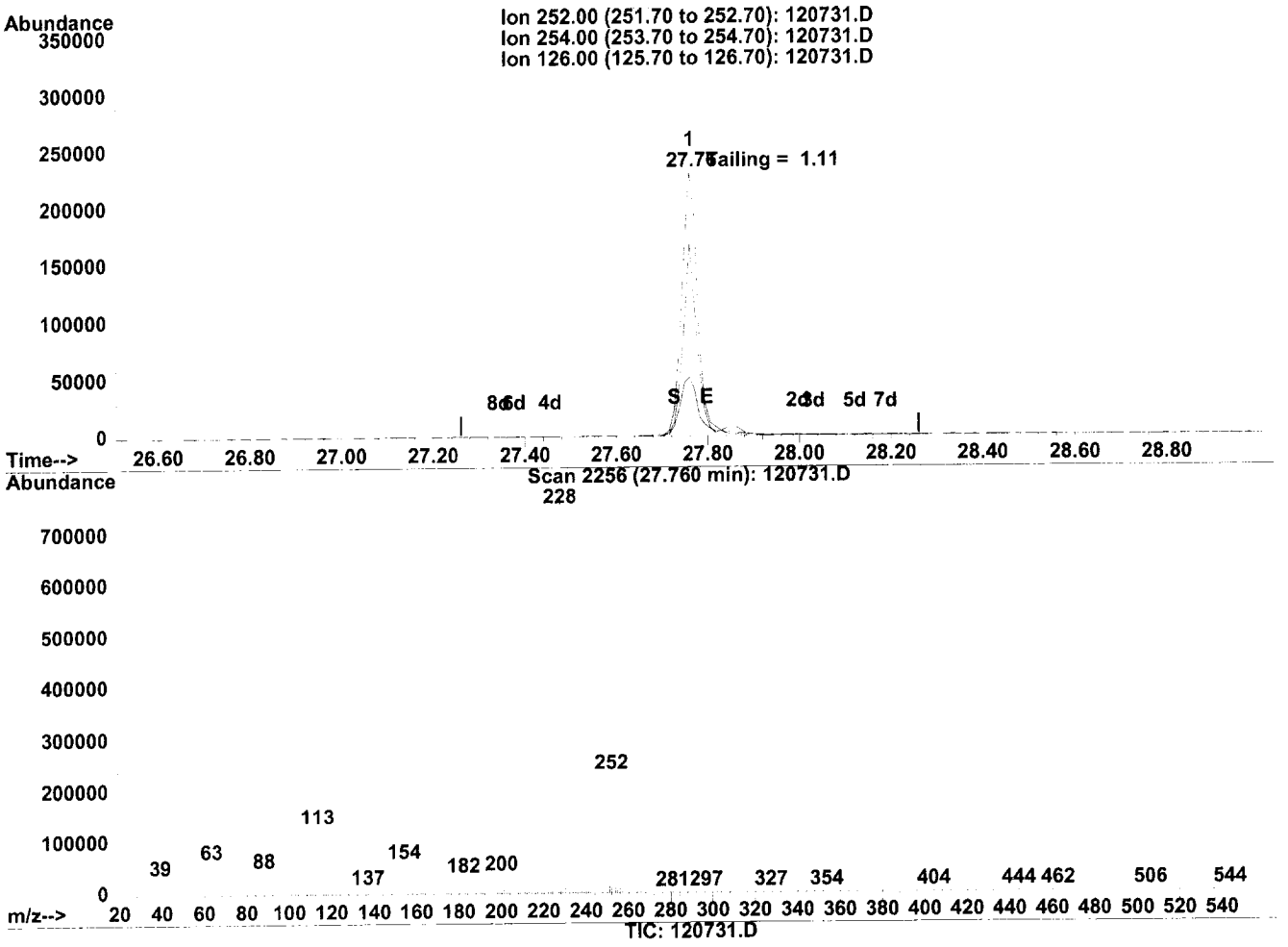
response 267018

Ion	Exp%	Act%
266.00	100	100
264.00	62.30	61.09
268.00	66.60	65.17
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120731.D Vial: 3
Acq On : 8 Dec 2002 12:43 pm Operator: dp
Sample : 50 ppm 8270 ccv Inst : GC/MS Ins
Misc : W# 02120202 Multiplr: 1.00
Quant Time: Dec 8 21:35 19102 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Multiple Level Calibration



(70) 3,3'-Dichlorobenzidine (T)

27.76min 33.40ug/L

response 569303

Ion	Exp%	Act%
252.00	100	100
254.00	72.50	64.29
126.00	22.20	25.41
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120732.D Vial: 32
Acq On : 8 Dec 2002 1:26 pm Operator: dp
Sample : 102995-057 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:29 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

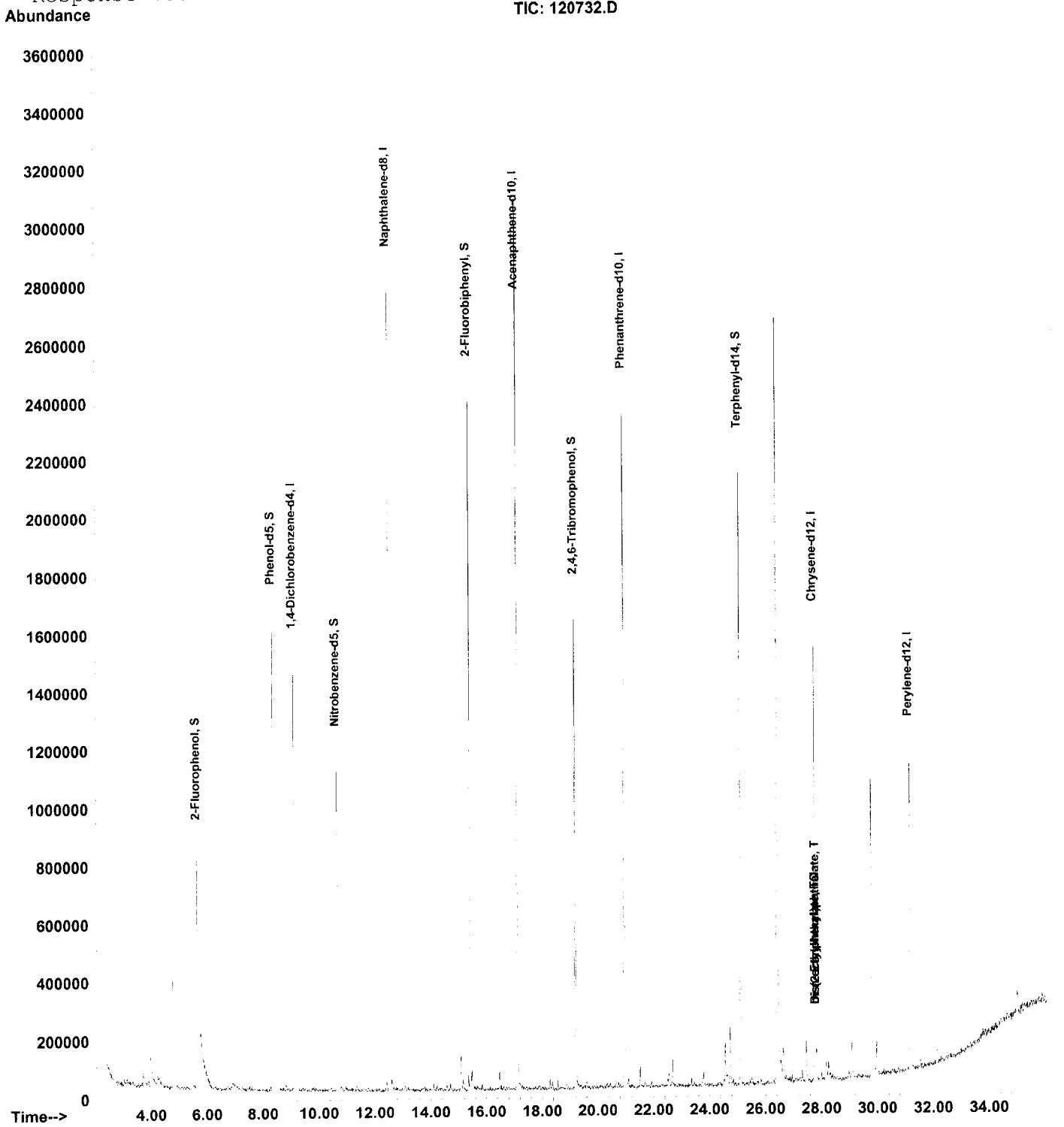
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1053643	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2614268	40.00	ug/L	0.00
34) Acenaphthene-d10	17.13	164	1239635	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1528280	40.00	ug/L	0.00
66) Chrysene-d12	27.78	240	1055418	40.00	ug/L	-0.02
74) Perylene-d12	31.18	264	700025	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.65	112	940181	38.46	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 38.46%			
4) Phenol-d5	8.37	99	1705613	54.98	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 54.98%			
20) Nitrobenzene-d5	10.66	82	958017	29.58	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 59.16%			
38) 2-Fluorobiphenyl	15.42	172	1081831	24.92	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 49.84%			
54) 2,4,6-Tribromophenol	19.21	330	192802	39.95	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 39.95%			
68) Terphenyl-d14	25.12	244	1082683	35.21	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 70.42%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.83	149	43686	1.03	ug/L	100
75) Di-n-octylphthalate	27.83	149	43686	1.06	ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120732.D Vial: 32
Acq On : 8 Dec 2002 1:26 pm Operator: dp
Sample : 102995-057 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:29 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120732.D Vial: 32
Acq On : 8 Dec 2002 1:26 pm Operator: dp
Sample : 102995-057 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1053643	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2614268	40.00	ug/L	0.00
34) Acenaphthene-d10	17.13	164	1239635	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1528280	40.00	ug/L	0.00
66) Chrysene-d12	27.78	240	1055418	40.00	ug/L	-0.02
74) Perylene-d12	31.18	264	700025	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.65	112	940181	38.46	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 38.46%			
4) Phenol-d5	8.37	99	1705613	54.98	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 54.98%			
20) Nitrobenzene-d5	10.66	82	958017	29.58	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 59.16%			
38) 2-Fluorobiphenyl	15.42	172	1081831	24.92	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 49.84%			
54) 2,4,6-Tribromophenol	19.21	330	192802	39.95	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 39.95%			
68) Terphenyl-d14	25.12	244	1082683	35.21	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 70.42%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.83	149	43686	1.03	ug/L	100
75) Di-n-octylphthalate	27.83	149	43686	1.06	ug/L	100

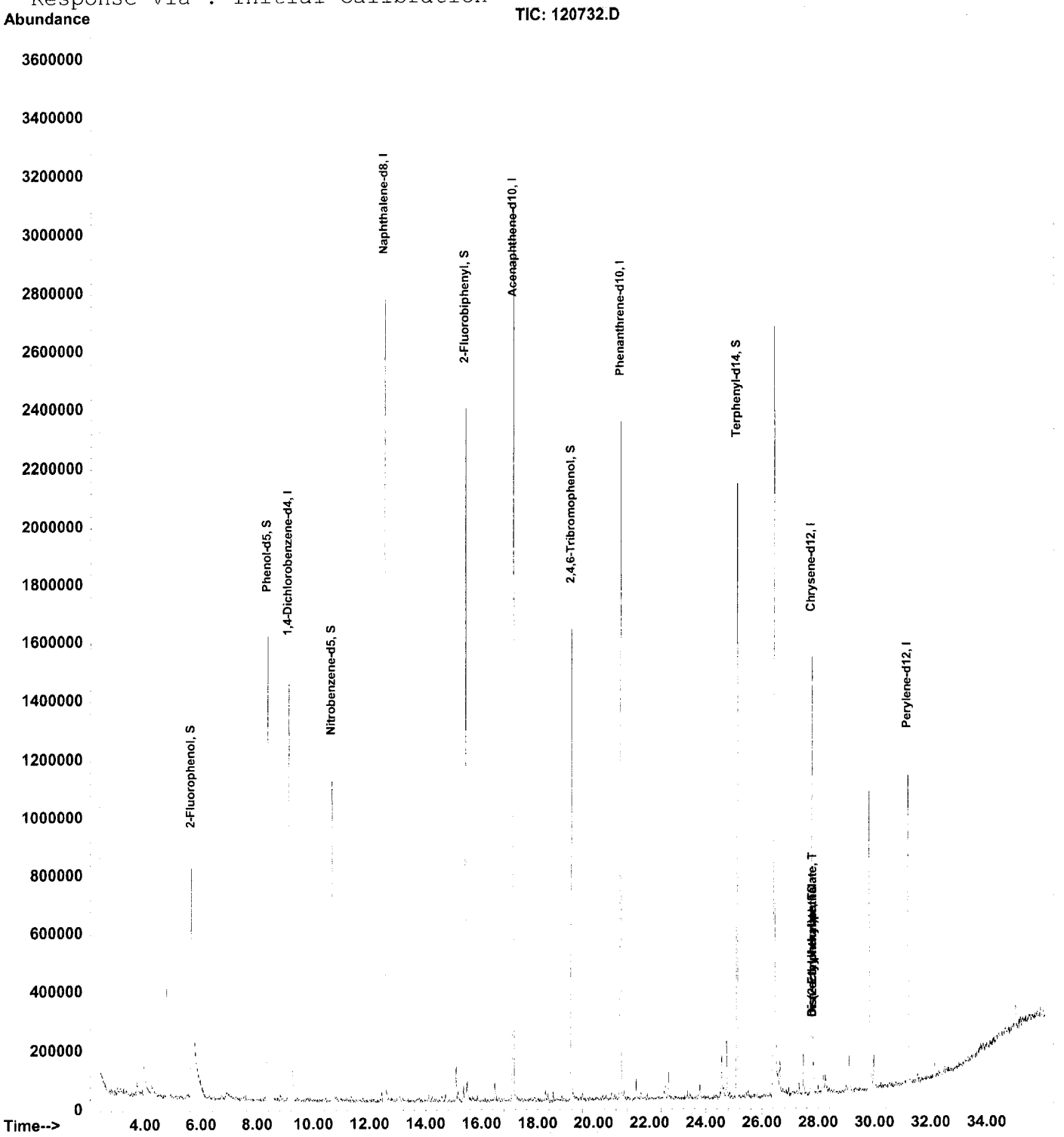
(#) = qualifier out of range (m) = manual integration

000206

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120732.D Vial: 32
Acq On : 8 Dec 2002 1:26 pm Operator: dp
Sample : 102995-057 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120733.D Vial: 33
Acq On : 8 Dec 2002 2:10 pm Operator: dp
Sample : 102995-057, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:31 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1891058	40.00	ug/L	0.00
19) Naphthalene-d8	12.54	136	4478459	40.00	ug/L	0.00
34) Acenaphthene-d10	17.14	164	2079583	40.00	ug/L	0.00
55) Phenanthrene-d10	20.98	188	2694185	40.00	ug/L	0.00
66) Chrysene-d12	27.80	240	2037608	40.00	ug/L	0.00
74) Perylene-d12	31.20	264	1304418	40.00	ug/L	0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.64	112	1454845	33.16	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 33.16%			
4) Phenol-d5	8.38	99	2233821	40.12	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 40.12%			
20) Nitrobenzene-d5	10.67	82	1269374	22.88	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 45.76%			
38) 2-Fluorobiphenyl	15.43	172	1341568	18.42	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 36.84%			
54) 2,4,6-Tribromophenol	19.22	330	286175	35.35	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 35.35%			
68) Terphenyl-d14	25.11	244	1296940	21.85	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 43.70%			
Target Compounds						Qvalue
5) Phenol	8.41	94	1217954	19.14	ug/L	93
7) bis(2-Chloroethyl)ether	8.51	93	1042404	22.02	ug/L	94
8) 2-Chlorophenol	8.58	128	879622	19.62	ug/L	98
9) 1,3-Dichlorobenzene	8.94	146	948585	19.24	ug/L	92
10) 1,4-Dichlorobenzene	9.17	146	963846	18.64	ug/L	97
12) 1,2-Dichlorobenzene	9.56	146	889931	18.72	ug/L	94
13) 2-Methylphenol	10.00	108	579542	15.83	ug/L #	85
14) bis(2-Chloroisopropyl)ethe	9.97	45	1945890	22.25	ug/L #	82
15) 4-Methylphenol	10.45	107	783730	15.83	ug/L	96
16) 3-Methylphenol	10.45	107	783730	15.83	ug/L	96
17) n-Nitroso-di-n-propylamine	10.33	70	568672m	22.57	ug/L	
18) Hexachloroethane	10.44	117	511364	22.62	ug/L	95
21) Nitrobenzene	10.71	123	468910	16.70	ug/L	91
22) Isophorone	11.37	82	1597991	15.68	ug/L	96
23) 2-Nitrophenol	11.57	139	485984	16.65	ug/L	98
24) 2,4-Dimethylphenol	11.83	122	101795	2.94	ug/L	98
25) bis(2-Chloroethoxy)methane	12.03	93	1062527	17.27	ug/L	98
27) 2,4-Dichlorophenol	12.27	162	611063	15.73	ug/L	98
28) 1,2,4-Trichlorobenzene	12.41	180	667809m	16.99	ug/L	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120733.D Vial: 33
Acq On : 8 Dec 2002 2:10 pm Operator: dp
Sample : 102995-057, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:31 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29) Naphthalene	12.59	128	2507362	18.10	ug/L		99
30) 4-Chloroaniline	12.59	127	373037	6.66	ug/L		97
31) Hexachlorobutadiene	12.95	225	353227	17.72	ug/L		96
32) 4-Chloro-3-methylphenol	14.24	107	673909	16.36	ug/L		94
33) 2-Methylnaphthalene	14.42	142	1519562	16.82	ug/L		96
35) Hexachloropentadiene	14.84	237	187202	12.22	ug/L		92
36) 2,4,6-Trichlorophenol	15.25	196	369370	18.21	ug/L		98
37) 2,4,5-Trichlorophenol	15.36	196	415570	19.78	ug/L		95
39) 2-Chloronaphthalene	15.70	162	1344527	19.44	ug/L		99
40) 2-Nitroaniline	16.07	138	545896	18.89	ug/L		86
41) Dimethylphthalate	16.56	163	1762325	21.92	ug/L		99
42) 2,6-Dinitrotoluene	16.71	165	398641	21.48	ug/L	#	86
43) Acenaphthylene	16.76	152	1931667	16.48	ug/L		98
44) 3-Nitroaniline	16.07	138	545896	18.89	ug/L		86
45) Acenaphthene	17.22	154	1259892	18.64	ug/L		99
46) 2,4-Dinitrophenol	17.41	184	40281	4.29	ug/L	#	61
47) 4-Nitrophenol	17.77	109	414056	36.61	ug/L		90
48) 2,4-Dinitrotoluene	17.74	165	564044	23.70	ug/L	#	79
49) Dibenzofuran	17.67	168	1729143	17.75	ug/L		95
50) Diethylphthalate	18.37	149	2230613	26.25	ug/L		100
51) 4-Chlorophenyl phenyl ethe	18.60	204	602563	18.97	ug/L		95
52) Fluorene	18.56	166	1494497	18.94	ug/L		98
53) 4-Nitroaniline	16.07	138	545896	18.89	ug/L		91
56) 4,6-Dinitro-2-methylphenol	18.78	198	226917	18.07	ug/L		90
58) Azobenzene	19.00	77	2536427	27.07	ug/L		97
59) 4-Bromophenyl phenyl ether	19.86	248	336183	20.88	ug/L		98
60) Hexachlorobenzene	19.98	284	353739	20.75	ug/L		96
61) Pentachlorophenol	20.55	266	156308	14.37	ug/L		97
62) Anthracene	21.17	178	1994936	20.24	ug/L		98
63) Phenanthrene	21.04	178	2174192	22.32	ug/L		98
64) Di-n-butylphthalate	22.57	149	3869543	26.90	ug/L		100
65) Fluoranthene	24.10	202	2073502	22.15	ug/L		96
67) Pyrene	24.67	202	2062570	22.76	ug/L		99
69) Butylbenzylphthalate	26.40	149	1764037	29.42	ug/L		100
71) bis(2-Ethylhexyl)phthalate	27.84	149	3131120	38.33	ug/L		99
72) Benzo(a)anthracene	27.76	228	1780847	22.19	ug/L		96
73) Chrysene	27.87	228	1816923	24.36	ug/L		99
75) Di-n-octylphthalate	27.84	149	3131120	40.66	ug/L		99
76) Benzo(b)fluoranthrene	30.35	252	1585284	22.29	ug/L		97
77) Benzo(k)fluoranthrene	30.41	252	1365581	21.70	ug/L		98
78) Benzo(a)pyrene	31.07	252	1254394	21.12	ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120733.D Vial: 33
Acq On : 8 Dec 2002 2:10 pm Operator: dp
Sample : 102995-057, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:31 19102 Quant Results File: 120202.RES

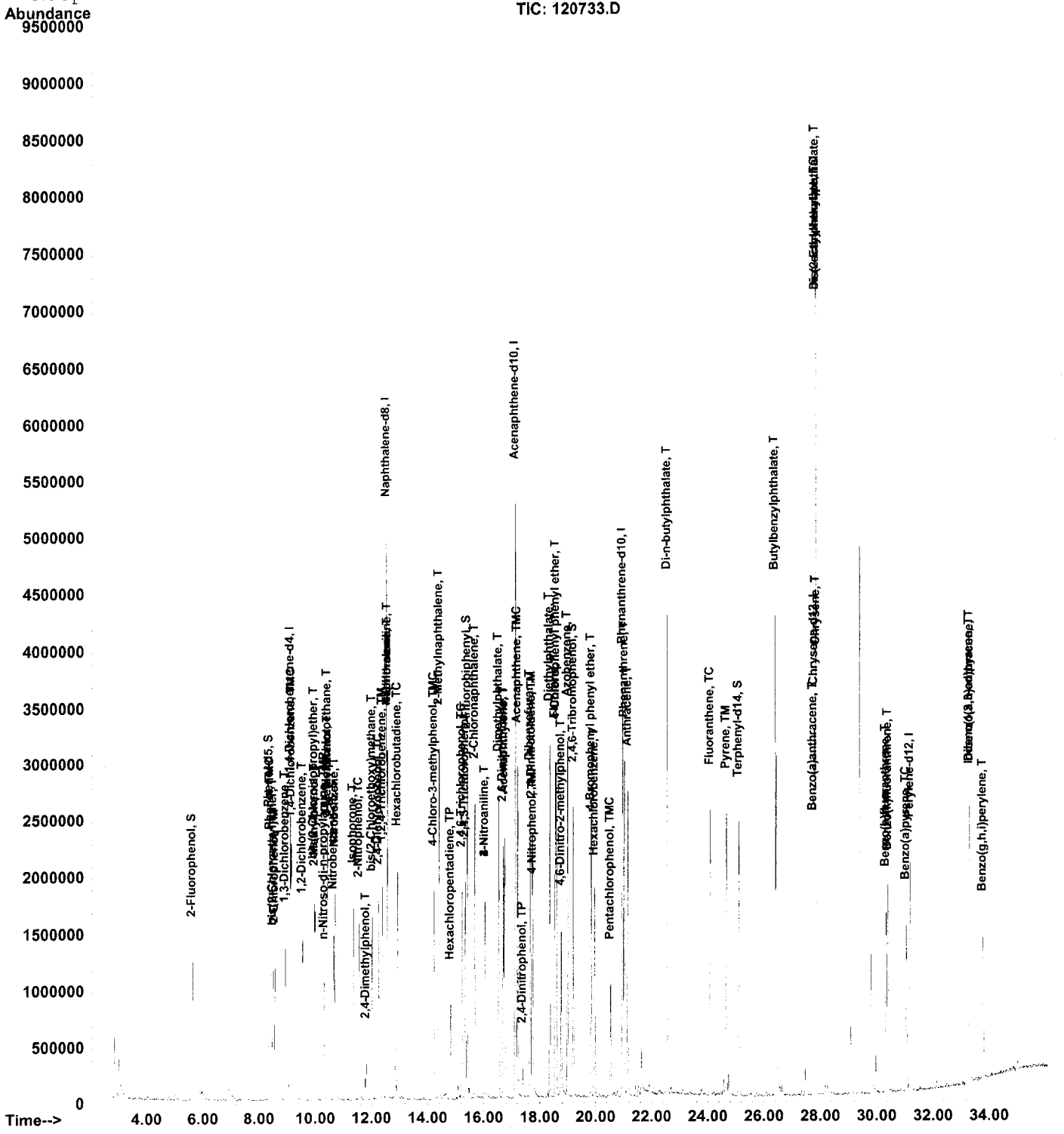
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79)	Indeno(1,2,3-cd)pyrene	33.31	276	1467395	22.11	ug/L	97
80)	Dibenzo(a,h)anthracene	33.32	278	1248419	23.91	ug/L	93
81)	Benzo(g,h,i)perylene	33.80	276	1157230	20.93	ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120733.D Vial: 33
Acq On : 8 Dec 2002 2:10 pm Operator: dp
Sample : 102995-057, MS Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:31 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000211

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120734.D Vial: 34
Acq On : 8 Dec 2002 2:53 pm Operator: dp
Sample : 102995-057, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:30 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1791195	40.00	ug/L	0.00
19) Naphthalene-d8	12.54	136	4174504	40.00	ug/L	0.00
34) Acenaphthene-d10	17.14	164	2045325	40.00	ug/L	0.00
55) Phenanthrene-d10	20.98	188	2591860	40.00	ug/L	0.00
66) Chrysene-d12	27.80	240	2026557	40.00	ug/L	0.00
74) Perylene-d12	31.20	264	1168152	40.00	ug/L	0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.64	112	1787953	43.03	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 43.03%			
4) Phenol-d5	8.38	99	3021445	57.29	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 57.29%			
20) Nitrobenzene-d5	10.67	82	1633792	31.59	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 63.18%			
38) 2-Fluorobiphenyl	15.43	172	2094660	29.24	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 58.48%			
54) 2,4,6-Tribromophenol	19.23	330	474673	59.62	ug/L	0.02
Spiked Amount 100.000	Range 17 - 122		Recovery = 59.62%			
68) Terphenyl-d14	25.13	244	1763505	29.87	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 59.74%			
Target Compounds						Qvalue
5) Phenol	8.41	94	1694313	28.11	ug/L	91
7) bis(2-Chloroethyl)ether	8.52	93	1301563	29.03	ug/L	94
8) 2-Chlorophenol	8.58	128	1096292	25.81	ug/L	94
9) 1,3-Dichlorobenzene	8.94	146	1065336	22.81	ug/L	95
10) 1,4-Dichlorobenzene	9.16	146	1146264	23.40	ug/L	97
12) 1,2-Dichlorobenzene	9.56	146	1094469	24.31	ug/L	93
13) 2-Methylphenol	10.00	108	982437	28.33	ug/L #	87
14) bis(2-Chloroisopropyl)ethe	9.97	45	2491989	30.08	ug/L #	78
15) 4-Methylphenol	10.45	107	1371760	29.25	ug/L	97
16) 3-Methylphenol	10.45	107	1371760	29.25	ug/L	97
17) n-Nitroso-di-n-propylamine	10.33	70	601787	25.21	ug/L	94
18) Hexachloroethane	10.43	117	607816	28.38	ug/L	96
21) Nitrobenzene	10.73	123	659390	25.20	ug/L	94
22) Isophorone	11.38	82	2550890	26.85	ug/L	98
23) 2-Nitrophenol	11.57	139	687133	25.25	ug/L	99
24) 2,4-Dimethylphenol	11.83	122	385750	11.97	ug/L	95
25) bis(2-Chloroethoxy)methane	12.03	93	1599788	27.90	ug/L	98
27) 2,4-Dichlorophenol	12.26	162	954706	26.37	ug/L	98
28) 1,2,4-Trichlorobenzene	12.41	180	868974	23.71	ug/L	98

(#) = qualifier out of range (m) = manual integration

000212

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120734.D Vial: 34
Acq On : 8 Dec 2002 2:53 pm Operator: dp
Sample : 102995-057, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:30 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) Naphthalene	12.59	128	3419731	26.49 ug/L	98
30) 4-Chloroaniline	12.59	127	476282	9.13 ug/L	90
31) Hexachlorobutadiene	12.94	225	495587	26.67 ug/L	95
32) 4-Chloro-3-methylphenol	14.24	107	1263954	32.91 ug/L	98
33) 2-Methylnaphthalene	14.42	142	2263284	26.87 ug/L	96
35) Hexachloropentadiene	14.84	237	269111	17.87 ug/L	96
36) 2,4,6-Trichlorophenol	15.25	196	607804	30.47 ug/L	95
37) 2,4,5-Trichlorophenol	15.36	196	656925	31.79 ug/L	97
39) 2-Chloronaphthalene	15.70	162	2117346	31.13 ug/L	98
40) 2-Nitroaniline	16.07	138	863254	30.37 ug/L	87
41) Dimethylphthalate	16.57	163	2737771	34.63 ug/L	100
42) 2,6-Dinitrotoluene	16.72	165	671274	36.77 ug/L #	79
43) Acenaphthylene	16.77	152	3045676	26.41 ug/L	99
44) 3-Nitroaniline	16.07	138	863254	30.37 ug/L	87
45) Acenaphthene	17.23	154	2007854	30.20 ug/L	99
46) 2,4-Dinitrophenol	17.41	184	99121	10.73 ug/L	85
47) 4-Nitrophenol	17.77	109	566396	50.92 ug/L	91
48) 2,4-Dinitrotoluene	17.75	165	790830	33.78 ug/L #	76
49) Dibenzofuran	17.68	168	2789168	29.11 ug/L	99
50) Diethylphthalate	18.38	149	3312376	39.63 ug/L	100
51) 4-Chlorophenyl phenyl ethe	18.61	204	991725	31.74 ug/L	99
52) Fluorene	18.57	166	2388140	30.77 ug/L	97
53) 4-Nitroaniline	16.07	138	863254	30.37 ug/L	91
56) 4,6-Dinitro-2-methylphenol	18.79	198	345028	28.56 ug/L	97
58) Azobenzene	19.00	77	3862877	42.85 ug/L	97
59) 4-Bromophenyl phenyl ether	19.86	248	501595	32.38 ug/L	98
60) Hexachlorobenzene	19.98	284	521856	31.82 ug/L	97
61) Pentachlorophenol	20.55	266	244047	23.32 ug/L	96
62) Anthracene	21.18	178	2834740	29.90 ug/L	98
63) Phenanthrene	21.04	178	3010735	32.13 ug/L	98
64) Di-n-butylphthalate	22.57	149	5363328	38.75 ug/L	100
65) Fluoranthene	24.10	202	2779694	30.87 ug/L	97
67) Pyrene	24.69	202	2849567	31.62 ug/L	99
69) Butylbenzylphthalate	26.40	149	2390013	40.08 ug/L	99
71) bis(2-Ethylhexyl)phthalate	27.84	149	3724572	45.85 ug/L	100
72) Benzo(a)anthracene	27.77	228	2329471	29.19 ug/L	98
73) Chrysene	27.87	228	2306619	31.09 ug/L	98
75) Di-n-octylphthalate	27.84	149	3724572	54.00 ug/L	100
76) Benzo(b)fluoranthrene	30.35	252	2070835	32.51 ug/L	96
77) Benzo(k)fluoranthrene	30.42	252	1820878	32.32 ug/L	98
78) Benzo(a)pyrene	31.07	252	1647855	30.98 ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120734.D Vial: 34
Acq On : 8 Dec 2002 2:53 pm Operator: dp
Sample : 102995-057, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:30 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

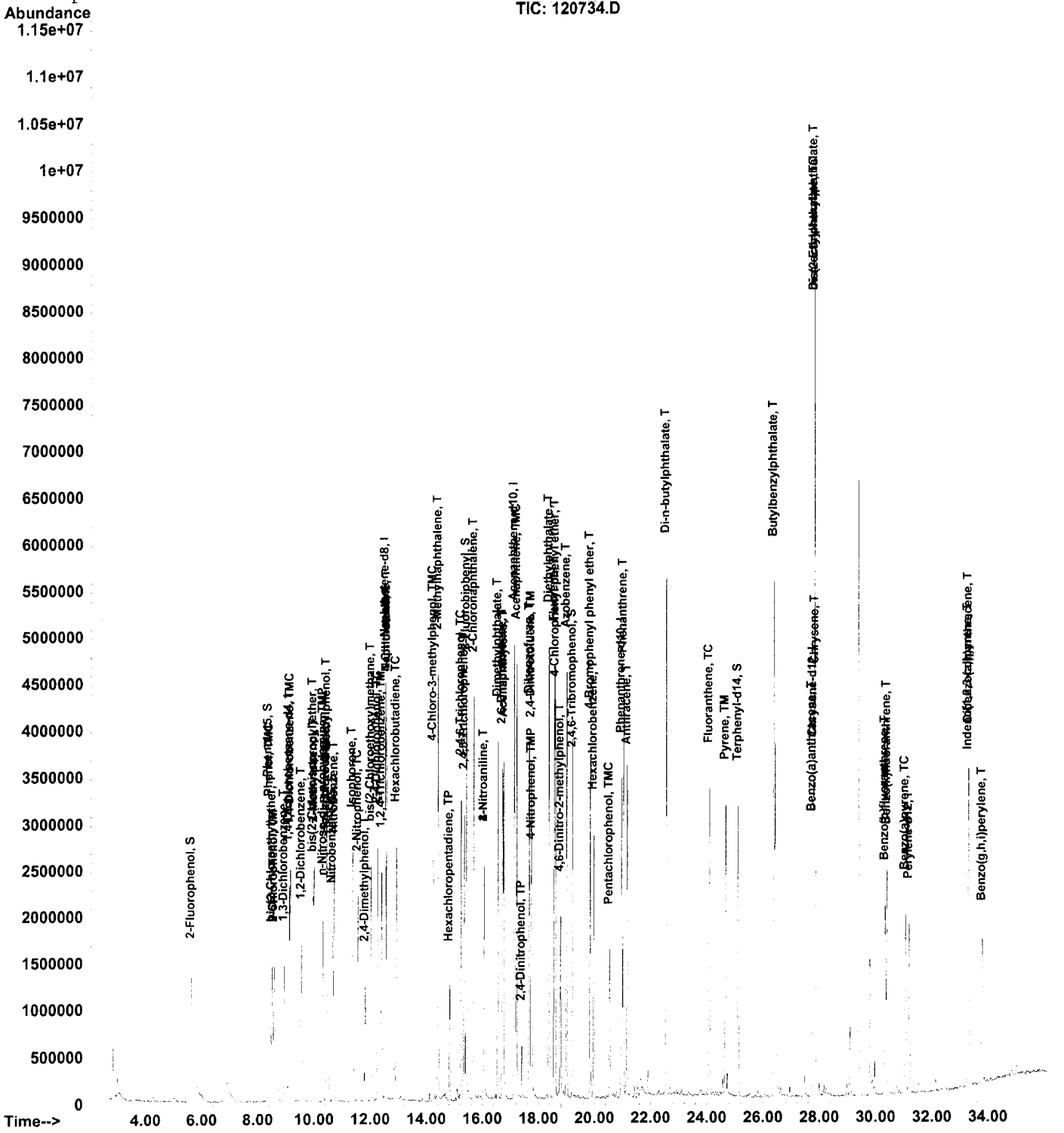
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79)	Indeno(1,2,3-cd)pyrene	33.31	276	1844357	31.03	ug/L	99
80)	Dibenzo(a,h)anthracene	33.33	278	1634149	34.94	ug/L	96
81)	Benzo(g,h,i)perylene	33.81	276	1479372	29.88	ug/L	98

(#) = qualifier out of range (m) = manual integration

000214

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120734.D Vial: 34
Acq On : 8 Dec 2002 2:53 pm Operator: dp
Sample : 102995-057, MSD Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:30 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120735.D Vial: 35
Acq On : 8 Dec 2002 3:37 pm Operator: dp
Sample : 102995-051 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1070733	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2621048	40.00	ug/L	0.00
34) Acenaphthene-d10	17.13	164	1193692	40.00	ug/L	0.00
55) Phenanthrene-d10	20.96	188	1547284	40.00	ug/L	0.00
66) Chrysene-d12	27.78	240	1055259	40.00	ug/L	-0.02
74) Perylene-d12	31.18	264	687170	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.64	112	1110712	44.71	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 44.71%			
4) Phenol-d5	8.36	99	1563914	49.61	ug/L	-0.02
Spiked Amount 100.000	Range 24 - 113		Recovery = 49.61%			
20) Nitrobenzene-d5	10.66	82	907601	27.95	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 55.90%			
38) 2-Fluorobiphenyl	15.42	172	968698	23.17	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.34%			
54) 2,4,6-Tribromophenol	19.21	330	239658	51.58	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 51.58%			
68) Terphenyl-d14	25.11	244	1083370	35.24	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 70.48%			
Target Compounds						Qvalue
65) Fluoranthene	24.08	202	31157	0.58	ug/L	94
67) Pyrene	24.66	202	38221	0.81	ug/L	93
71) bis(2-Ethylhexyl)phthalate	27.83	149	33848	0.80	ug/L #	84
73) Chrysene	27.83	228	19536	0.51	ug/L	97
75) Di-n-octylphthalate	27.83	149	33848	0.83	ug/L	96

(#) = qualifier out of range (m) = manual integration

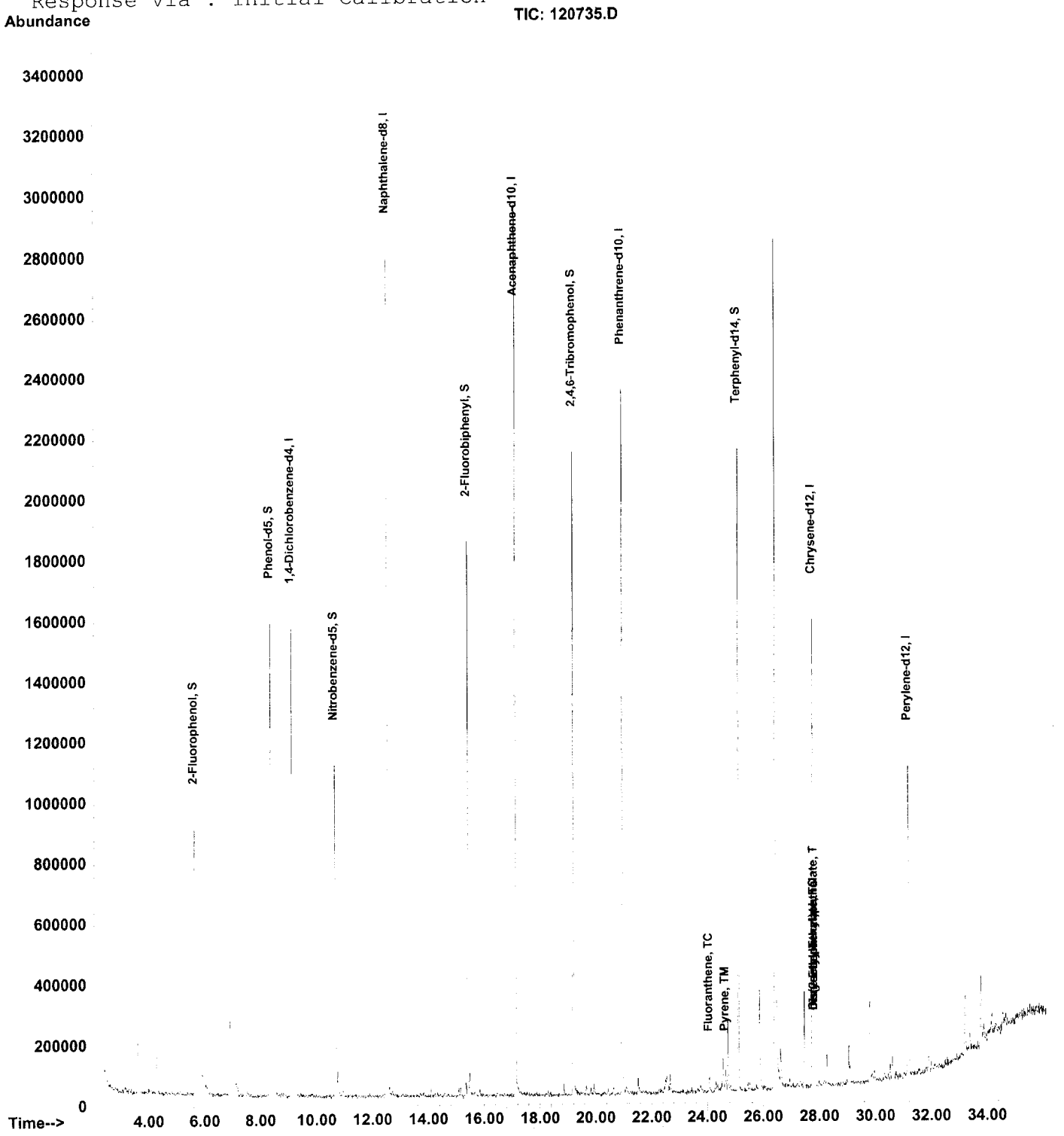
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120735.D
Acq On : 8 Dec 2002 3:37 pm
Sample : 102995-051
Misc : 30.0g -> 1ml, soil sample
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102

Vial: 35
Operator: dp
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000217

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120736.D Vial: 36
Acq On : 8 Dec 2002 4:20 pm Operator: dp
Sample : 102995-052 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

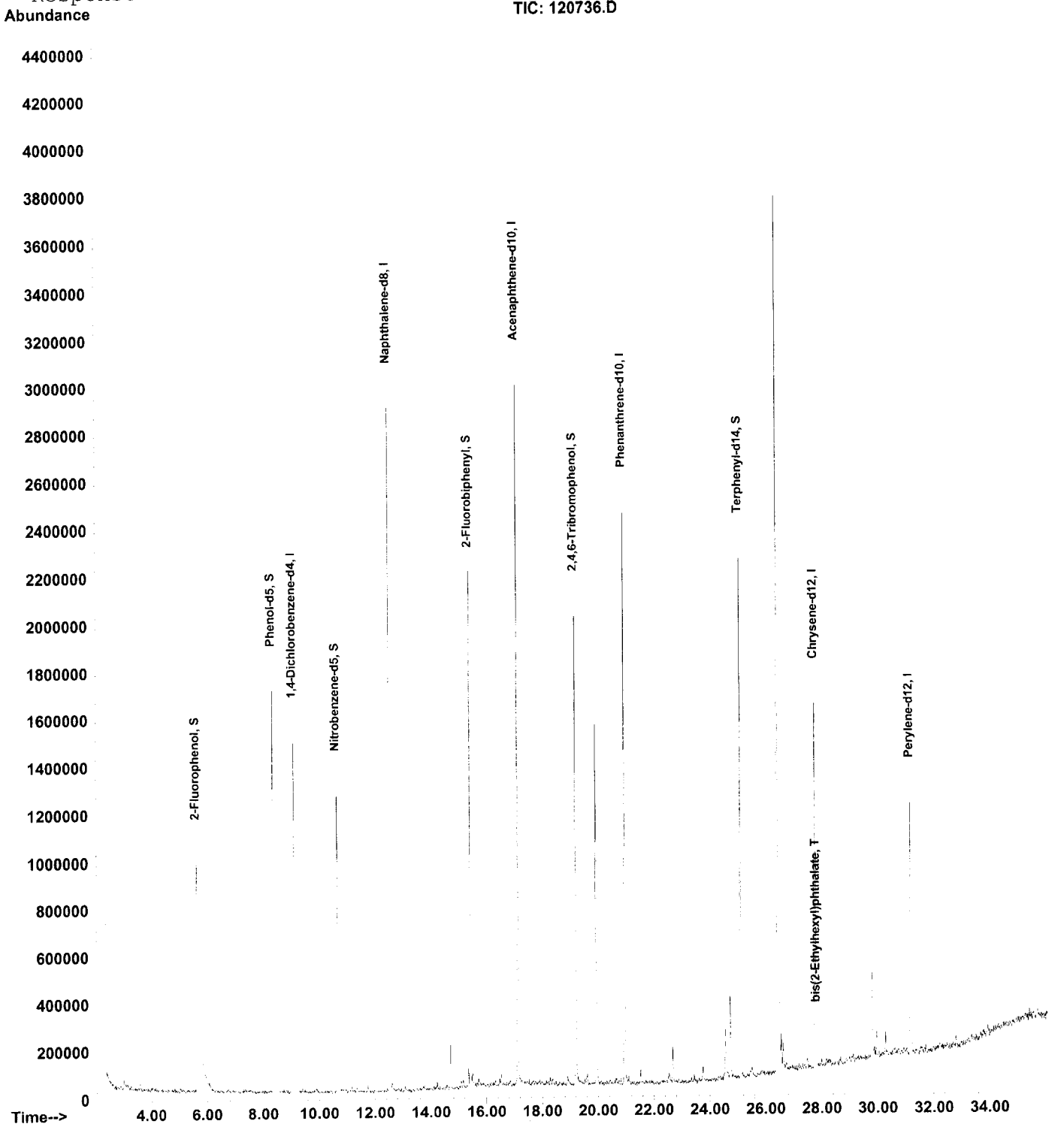
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1005327	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2546563	40.00	ug/L	0.00
34) Acenaphthene-d10	17.13	164	1213441	40.00	ug/L	0.00
55) Phenanthrene-d10	20.96	188	1594288	40.00	ug/L	0.00
66) Chrysene-d12	27.79	240	1070584	40.00	ug/L	0.00
74) Perylene-d12	31.19	264	724077	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.64	112	1158283	49.66	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 49.66%			
4) Phenol-d5	8.37	99	1761470	59.51	ug/L	0.00
Spiked Amount 100.000	Range 24 - 113		Recovery = 59.51%			
20) Nitrobenzene-d5	10.66	82	1035134	32.81	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 65.62%			
38) 2-Fluorobiphenyl	15.43	172	1124181	26.45	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 52.90%			
54) 2,4,6-Tribromophenol	19.21	330	252275	53.41	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 53.41%			
68) Terphenyl-d14	25.11	244	1115503	35.77	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 71.54%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.83	149	33426	0.78	ug/L #	97

(#) = qualifier out of range (m) = manual integration
120736.D 120202.M Sun Dec 08 21:38:29 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120736.D Vial: 36
Acq On : 8 Dec 2002 4:20 pm Operator: dp
Sample : 102995-052 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120737.D Vial: 37
Acq On : 8 Dec 2002 5:03 pm Operator: dp
Sample : 102995-053 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

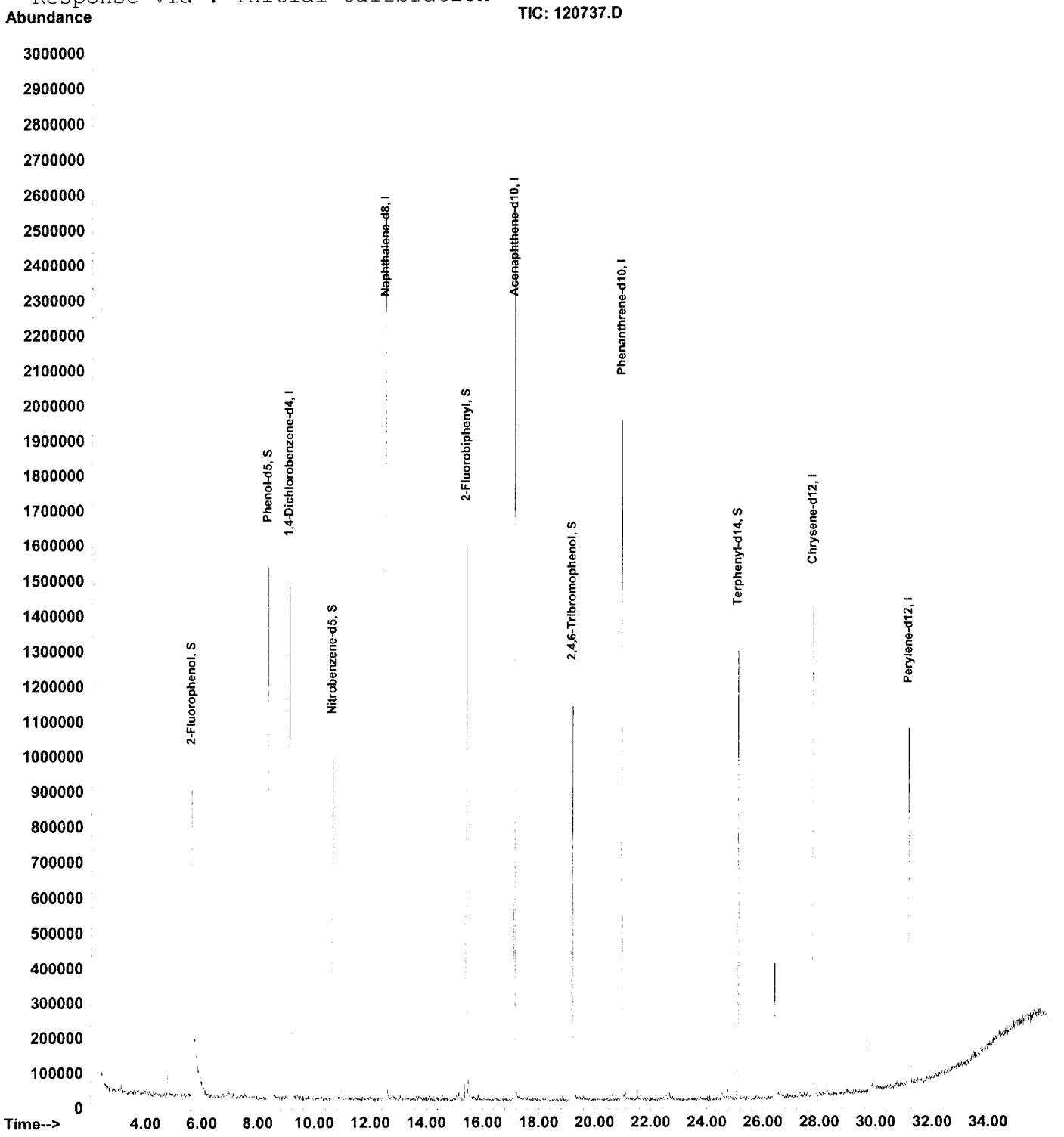
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	975577	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2338588	40.00	ug/L	0.00
34) Acenaphthene-d10	17.13	164	1043071	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1258217	40.00	ug/L	0.00
66) Chrysene-d12	27.78	240	913414	40.00	ug/L	-0.02
74) Perylene-d12	31.18	264	644144	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.64	112	858092	37.91	ug/L	0.00
Spiked Amount 100.000	Range 25 - 121		Recovery = 37.91%			
4) Phenol-d5	8.36	99	1481052	51.56	ug/L	-0.02
Spiked Amount 100.000	Range 24 - 113		Recovery = 51.56%			
20) Nitrobenzene-d5	10.66	82	789690	27.25	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 54.50%			
38) 2-Fluorobiphenyl	15.42	172	779761	21.34	ug/L	-0.02
Spiked Amount 50.000	Range 30 - 115		Recovery = 42.68%			
54) 2,4,6-Tribromophenol	19.21	330	126285	31.10	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 31.10%			
68) Terphenyl-d14	25.12	244	707630	26.59	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 53.18%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120737.D Vial: 37
Acq On : 8 Dec 2002 5:03 pm Operator: dp
Sample : 102995-053 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000221

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120738.D Vial: 38
Acq On : 8 Dec 2002 5:47 pm Operator: dp
Sample : 102995-054 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

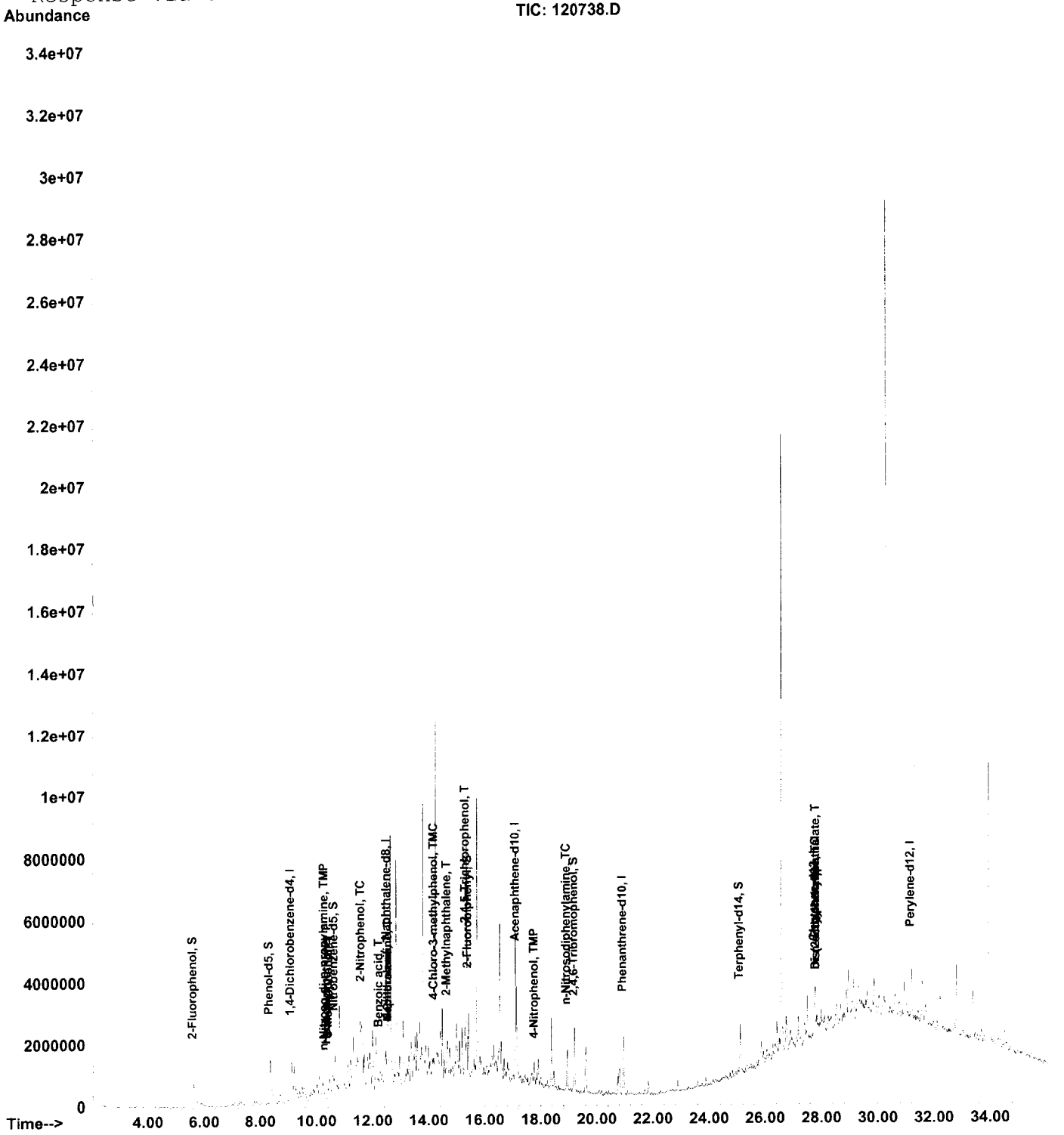
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	900990	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2380821	40.00	ug/L	0.00
34) Acenaphthene-d10	17.14	164	1112832	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1302021	40.00	ug/L	0.00
66) Chrysene-d12	27.79	240	931152	40.00	ug/L	0.00
74) Perylene-d12	31.20	264	622392	40.00	ug/L	0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	680784	32.57	ug/L	-0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 32.57%			
4) Phenol-d5	8.36	99	1457279	54.94	ug/L	-0.02
Spiked Amount 100.000	Range 24 - 113		Recovery = 54.94%			
20) Nitrobenzene-d5	10.66	82	872300	29.57	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 59.14%			
38) 2-Fluorobiphenyl	15.43	172	910986	23.37	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 46.74%			
54) 2,4,6-Tribromophenol	19.22	330	210207	48.52	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 48.52%			
68) Terphenyl-d14	25.12	244	766143	28.24	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 56.48%			
Target Compounds						Qvalue
15) 4-Methylphenol	10.45	107	55091	2.34	ug/L #	25
16) 3-Methylphenol	10.45	107	55091	2.34	ug/L #	25
17) n-Nitroso-di-n-propylamine	10.31	70	8472	0.71	ug/L #	81
18) Hexachloroethane	10.41	117	12126	1.13	ug/L #	34
23) 2-Nitrophenol	11.62	139	12228	0.79	ug/L #	72
26) Benzoic acid	12.26	105	15440	0.95	ug/L #	1
29) Naphthalene	12.59	128	192915	2.62	ug/L	99
30) 4-Chloroaniline	12.59	127	27397	0.92	ug/L	92
32) 4-Chloro-3-methylphenol	14.22	107	14281	0.65	ug/L #	1
33) 2-Methylnaphthalene	14.68	142	410579	8.55	ug/L	85
37) 2,4,5-Trichlorophenol	15.35	196	6583	0.59	ug/L #	39
47) 4-Nitrophenol	17.81	109	3384	0.56	ug/L #	23
57) n-Nitrosodiphenylamine	18.95	169	33811	1.41	ug/L #	66
71) bis(2-Ethylhexyl)phthalate	27.84	149	83745	2.24	ug/L #	83
75) Di-n-octylphthalate	27.84	149	83745	2.28	ug/L #	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120738.D Vial: 38
Acq On : 8 Dec 2002 5:47 pm Operator: dp
Sample : 102995-054 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000223

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120739.D Vial: 39
Acq On : 8 Dec 2002 6:30 pm Operator: dp
Sample : 102995-055 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1122826	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2783590	40.00	ug/L	0.00
34) Acenaphthene-d10	17.13	164	1309248	40.00	ug/L	0.00
55) Phenanthrene-d10	20.96	188	1653888	40.00	ug/L	0.00
66) Chrysene-d12	27.79	240	1058773	40.00	ug/L	0.00
74) Perylene-d12	31.19	264	671071	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1093789	41.99	ug/L	-0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 41.99%			
4) Phenol-d5	8.36	99	1780133	53.85	ug/L	-0.02
Spiked Amount 100.000	Range 24 - 113		Recovery = 53.85%			
20) Nitrobenzene-d5	10.66	82	944158	27.37	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 54.74%			
38) 2-Fluorobiphenyl	15.43	172	1022214	22.29	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 44.58%			
54) 2,4,6-Tribromophenol	19.21	330	215327	42.25	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 42.25%			
68) Terphenyl-d14	25.11	244	943178	30.58	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 61.16%			

Target Compounds Qvalue

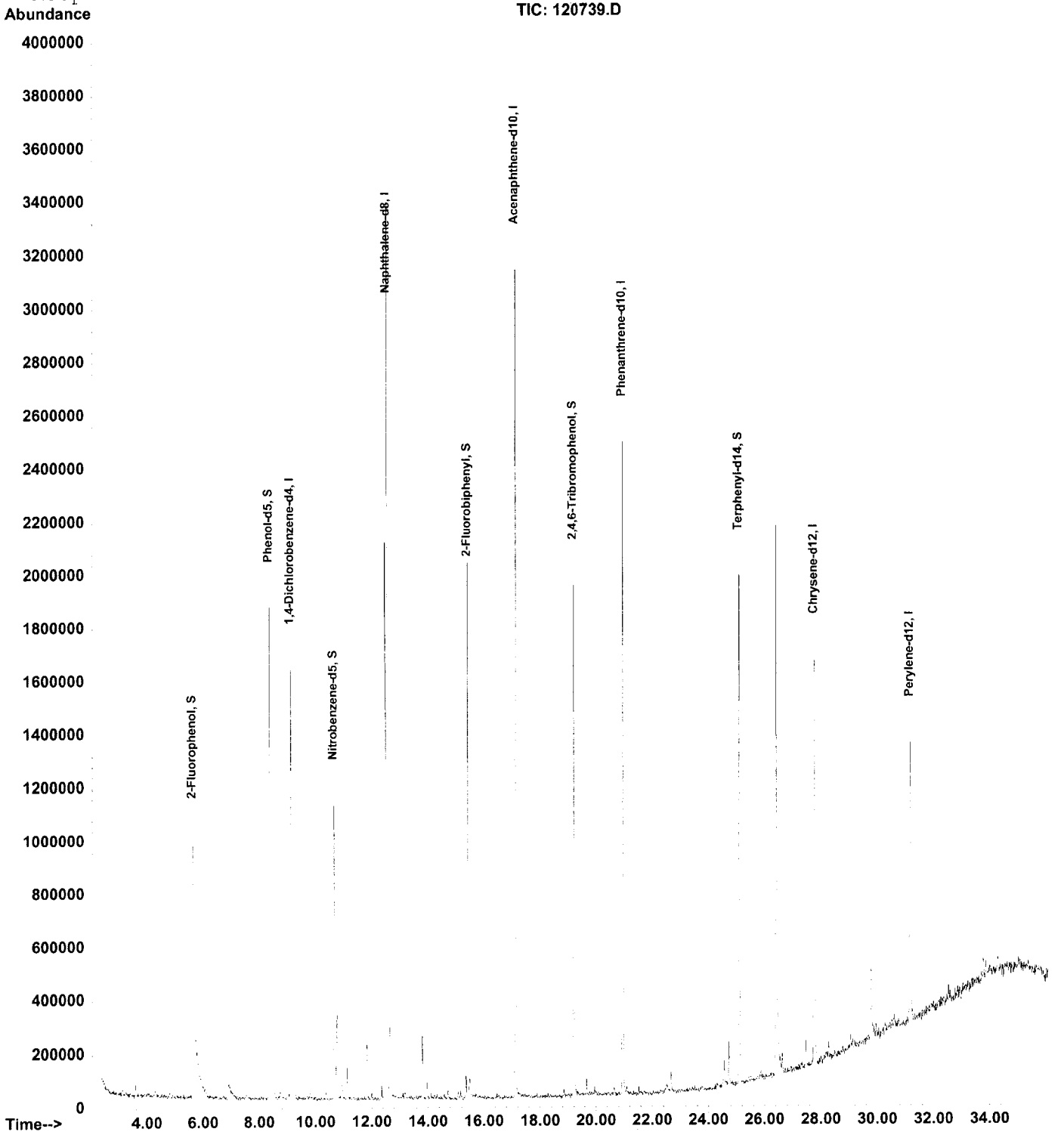
(#) = qualifier out of range (m) = manual integration
120739.D 120202.M Sun Dec 08 21:38:47 2002 Page 1

000224

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120739.D Vial: 39
Acq On : 8 Dec 2002 6:30 pm Operator: dp
Sample : 102995-055 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000225

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120740.D Vial: 40
Acq On : 8 Dec 2002 7:13 pm Operator: dp
Sample : 102995-056 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

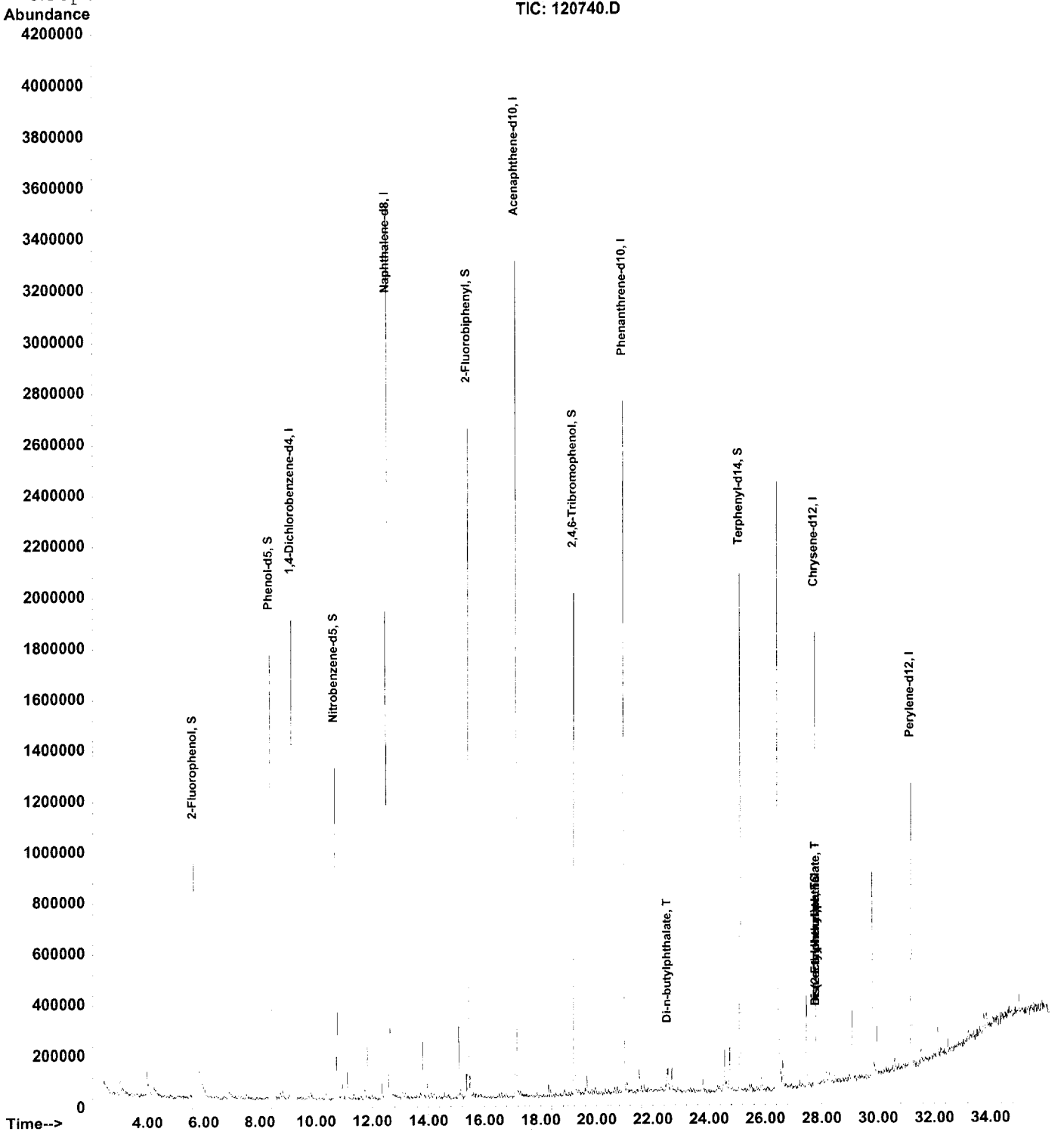
Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1232999	40.00	ug/L	0.00
19) Naphthalene-d8	12.52	136	3047564	40.00	ug/L	-0.01
34) Acenaphthene-d10	17.14	164	1475454	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1825333	40.00	ug/L	0.00
66) Chrysene-d12	27.78	240	1169282	40.00	ug/L	-0.01
74) Perylene-d12	31.19	264	722579	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1149876	40.20	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 40.20%			
4) Phenol-d5	8.35	99	1818747	50.10	ug/L	-0.02
Spiked Amount 100.000	Range 24 - 113		Recovery = 50.10%			
20) Nitrobenzene-d5	10.66	82	1077770	28.54	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 57.08%			
38) 2-Fluorobiphenyl	15.42	172	1100177	21.29	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 42.58%			
54) 2,4,6-Tribromophenol	19.20	330	230242	40.09	ug/L	-0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 40.09%			
68) Terphenyl-d14	25.12	244	1113591	32.69	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 65.38%			
Target Compounds						Qvalue
64) Di-n-butylphthalate	22.55	149	61847	0.63	ug/L	93
71) bis(2-Ethylhexyl)phthalate	27.83	149	48782	1.04	ug/L #	90
75) Di-n-octylphthalate	27.83	149	48782	1.14	ug/L	99

(#) = qualifier out of range (m) = manual integration
120740.D 120202.M Sun Dec 08 21:38:53 2002 Page 1

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120740.D Vial: 40
Acq On : 8 Dec 2002 7:13 pm Operator: dp
Sample : 102995-056 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000227

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120741.D Vial: 41
Acq On : 8 Dec 2002 7:57 pm Operator: dp
Sample : 102995-058 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1177980	40.00	ug/L	0.00
19) Naphthalene-d8	12.52	136	3062268	40.00	ug/L	-0.01
34) Acenaphthene-d10	17.14	164	1411307	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1816411	40.00	ug/L	0.00
66) Chrysene-d12	27.78	240	1260755	40.00	ug/L	-0.01
74) Perylene-d12	31.19	264	866126	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1107704	40.53	ug/L	-0.01
Spiked Amount 100.000	Range 25 - 121		Recovery = 40.53%			
4) Phenol-d5	8.36	99	1650815	47.60	ug/L	-0.01
Spiked Amount 100.000	Range 24 - 113		Recovery = 47.60%			
20) Nitrobenzene-d5	10.66	82	930356	24.52	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 49.04%			
38) 2-Fluorobiphenyl	15.42	172	949196	19.20	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 38.40%			
54) 2,4,6-Tribromophenol	19.20	330	220498	40.14	ug/L	-0.01
Spiked Amount 100.000	Range 17 - 122		Recovery = 40.14%			
68) Terphenyl-d14	25.12	244	1199142	32.65	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 65.30%			
Target Compounds						Qvalue

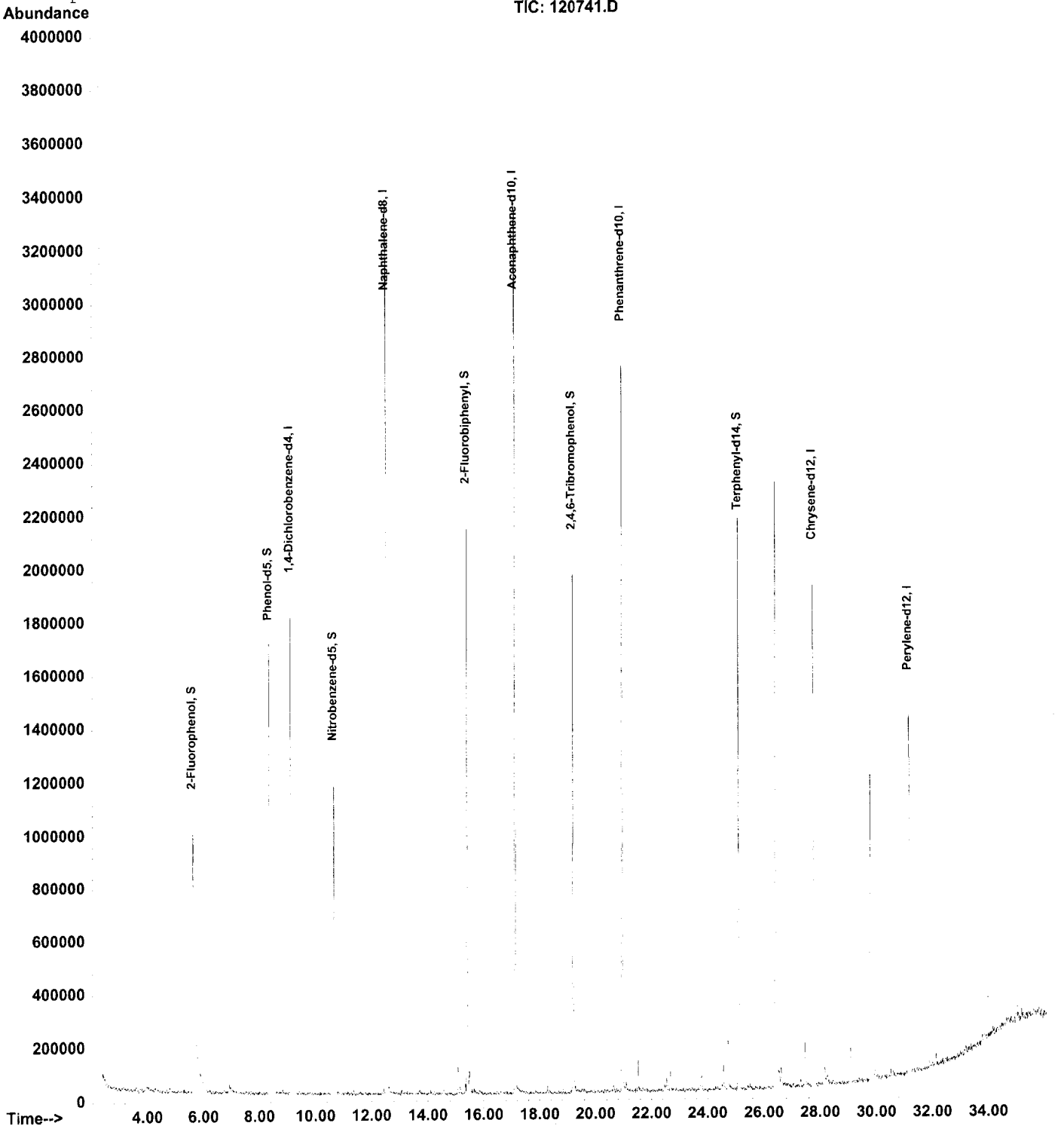
(#) = qualifier out of range (m) = manual integration

000228

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120741.D Vial: 41
Acq On : 8 Dec 2002 7:57 pm Operator: dp
Sample : 102995-058 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 21:38 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000229

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120742.D Vial: 42
Acq On : 8 Dec 2002 9:25 pm Operator: dp
Sample : 102995-059 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 9 8:31 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.11	150	1139644	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2802303	40.00	ug/L	0.00
34) Acenaphthene-d10	17.13	164	1307786	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1643717	40.00	ug/L	0.00
66) Chrysene-d12	27.79	240	1215752	40.00	ug/L	0.00
74) Perylene-d12	31.19	264	817966	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.63	112	1358658	51.39	ug/L	-0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 51.39%			
4) Phenol-d5	8.36	99	2205455	65.73	ug/L	-0.02
Spiked Amount 100.000	Range 24 - 113		Recovery = 65.73%			
20) Nitrobenzene-d5	10.66	82	1182502	34.06	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 68.12%			
38) 2-Fluorobiphenyl	15.43	172	1368231	29.87	ug/L	0.00
Spiked Amount 50.000	Range 30 - 115		Recovery = 59.74%			
54) 2,4,6-Tribromophenol	19.21	330	251223	49.35	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 49.35%			
68) Terphenyl-d14	25.12	244	1392801	39.32	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 78.64%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.83	149	62747	1.29	ug/L #	86
75) Di-n-octylphthalate	27.83	149	62747	1.30	ug/L	96

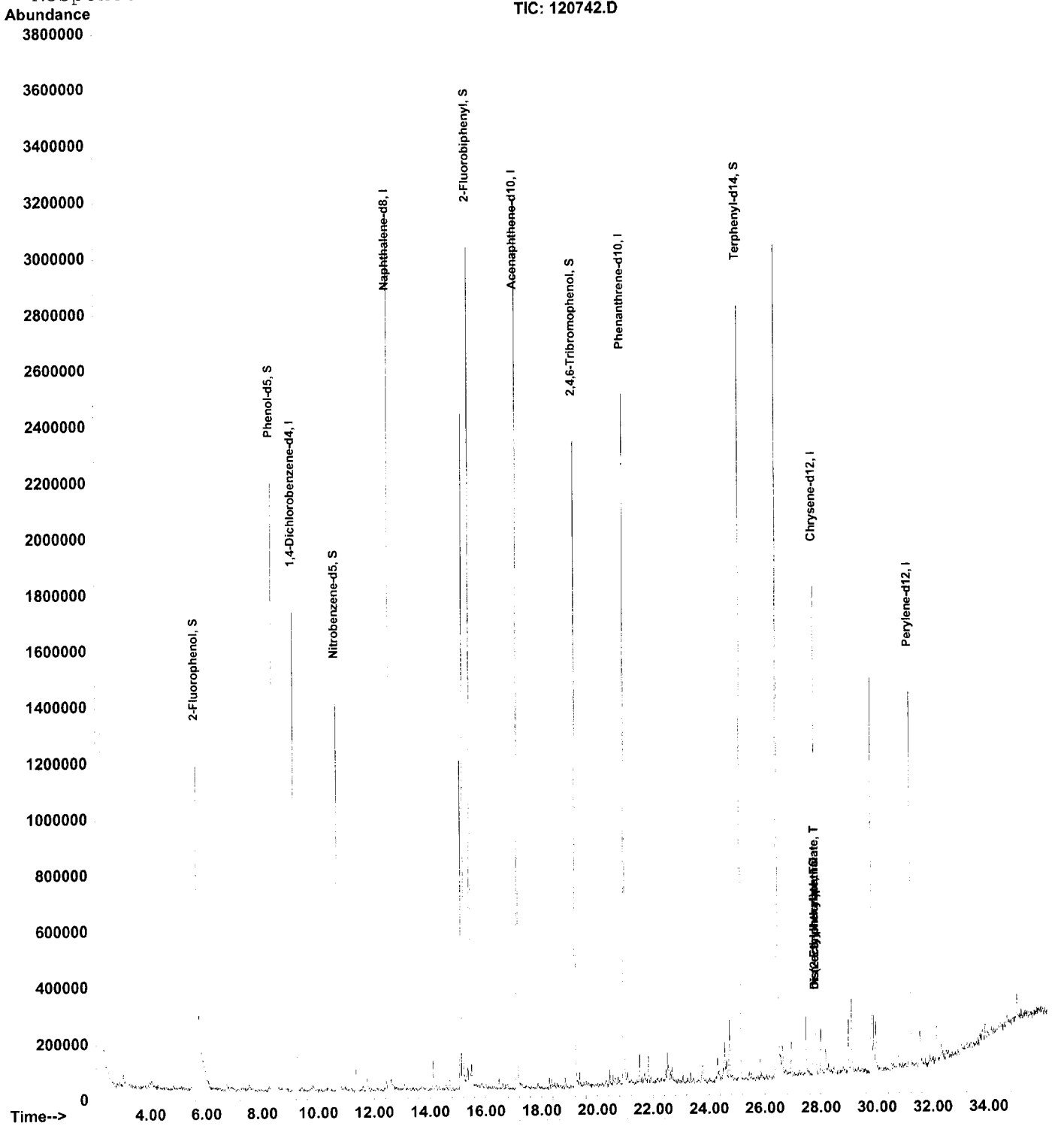
(#) = qualifier out of range (m) = manual integration

000230

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120742.D Vial: 42
Acq On : 8 Dec 2002 9:25 pm Operator: dp
Sample : 102995-059 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 9 8:31 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000231

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120743.D Vial: 43
Acq On : 8 Dec 2002 10:08 pm Operator: dp
Sample : 102995-060 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 9 8:31 19102 Quant Results File: 120202.RES

Quant Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration
DataAcq Meth : 020401

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.12	150	1138256	40.00	ug/L	0.00
19) Naphthalene-d8	12.53	136	2794924	40.00	ug/L	0.00
34) Acenaphthene-d10	17.14	164	1261557	40.00	ug/L	0.00
55) Phenanthrene-d10	20.97	188	1541207	40.00	ug/L	0.00
66) Chrysene-d12	27.78	240	1142484	40.00	ug/L	-0.01
74) Perylene-d12	31.19	264	785890	40.00	ug/L	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.62	112	642269	24.32	ug/L	-0.02
Spiked Amount 100.000	Range 25 - 121		Recovery = 24.32%#			
4) Phenol-d5	8.35	99	1231068	36.73	ug/L	-0.02
Spiked Amount 100.000	Range 24 - 113		Recovery = 36.73%			
20) Nitrobenzene-d5	10.66	82	647312	18.69	ug/L	0.00
Spiked Amount 50.000	Range 23 - 120		Recovery = 37.38%			
38) 2-Fluorobiphenyl	15.42	172	659181	14.92	ug/L	-0.01
Spiked Amount 50.000	Range 30 - 115		Recovery = 29.84%#			
54) 2,4,6-Tribromophenol	19.21	330	135619	27.62	ug/L	0.00
Spiked Amount 100.000	Range 17 - 122		Recovery = 27.62%			
68) Terphenyl-d14	25.12	244	845303	25.40	ug/L	0.00
Spiked Amount 50.000	Range 18 - 137		Recovery = 50.80%			
Target Compounds						Qvalue
71) bis(2-Ethylhexyl)phthalate	27.83	149	29113	0.64	ug/L #	83
75) Di-n-octylphthalate	27.83	149	29113	0.63	ug/L	99

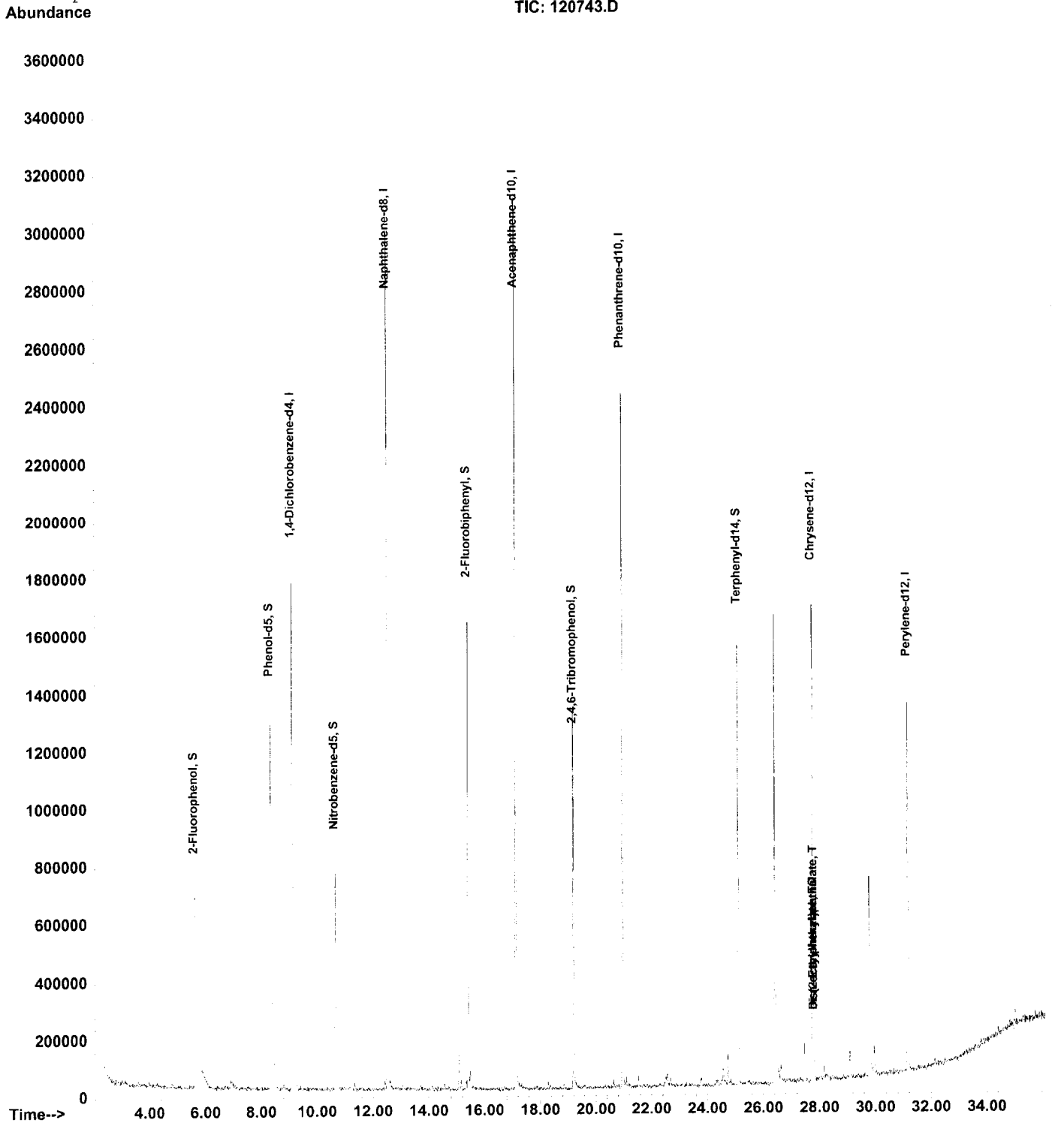
(#) = qualifier out of range (m) = manual integration

000232

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC02\120702\120743.D Vial: 43
Acq On : 8 Dec 2002 10:08 pm Operator: dp
Sample : 102995-060 Inst : GC/MS Ins
Misc : 30.0g -> 1ml, soil sample Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 9 8:31 19102 Quant Results File: 120202.RES

Method : C:\HPCHEM\1\METHODS\120202.M (RTE Integrator)
Title : EPA Method 8270
Last Update : Sun Dec 08 21:25:26 2002
Response via : Initial Calibration



000233

ASSOCIATED LABORATORIES
8270 PREP SHEET

[redacted]

BATCH ID: 120402 - S - 8270

000234

LAB REQUEST #	PREP METHOD	MATRIX TYPE	SURR. ADDED	SPIKE ADDED	INITIAL WT / VOL	FINAL VOLUME	DATE EXT.	EXT. BY	COMMENT
BLANK	3550B	S	1 m	X	30g	1 m	12/6/02	JN	
LCS				1 m					
MS - 102995-396057				1 m					
MSD - 102995-396057				1 m					
102995 - 396051									
- 396052									
- 396053									
- 396054									
- 396055									
- 396056									
- 396057									
- 396058									
- 396059									
- 396060									

foster Wheeler Environmental Corp

Solvent Manufacturer and Lot # CH2Cl2 Fisher 023421 Surrogate Lot # W - 2515

Florisil Manufacturer & Lot # Spike Lot # W - 2505

Sand Manufacturer & Lot # Sand Spectrum Na2SO4 Manufacturer & Lot # Microfect Scientific

LK 1265 22325K

FT-31 South Area Photographs

Picture 1. Benching of the south wall at FT-31

Picture 2. Northeast corner of FT-31 looking at the east wall of excavation

FT-31 South Area Photographs

Picture 3. East wall of FT-31 looking northeast

Picture 4. East wall of FT-31 looking southeast

FT-31 South Area Photographs

Picture 5. East end of FT-31 looking at south wall

Picture 6. Excavation at FT-31

FT-31 South Area Photographs

Picture 7. South Wall, East End of FT-31

TERC.032.007-02X-053

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Evaluation of Outfall 2	DACW45-94-0003; DO 32, WAD 7, Task 2	2002-Outfall02-01

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	12/20/2002

RE:

- ☐ **Drawing No.** _____ **Title:** _____
- ☐ **Specification No.** _____ **Title:** _____
- ☒ **Other** Descope work required under DO 32, WAD 7, Task 2 for reallocation of funds for use in work currently being performed under DO 32, WAD 7, Task 3 - West POL Yard.

1. Description (Items involved; Submit sketch if possible):

1. Descope work required under DO 32, WAD 7, Task 2 and use the remaining funds for work being completed at the West POL Yard under DO 32, WAD 7, Task 3.
2. Funds remaining in the Outfall 02 project are approximately $26,000 (not including tax or fee).

2. Reasons for Change (If disposition of nonconformance report, list report number):

Insufficient funds remain in existing contract to complete contaminated soil excavation activities at the West POL Yard. The current scope of work under Task 2 was determined to be unnecessary in August 2002 since nitrate concentrations in stormwater have decreased to levels acceptable to the NPDES permit. Therefore, the remaining funding undeer this task was available for reallocation/rescope.

3. Recommended Disposition: **Minor Change** ☒ **Major Change** ☐

Approve the descoping and reallocation of funds to be spent in the completion of the revised scope for the West POL Yard contaminated soil removal. (See 2002-WPOL-02 for clarification on revised scope).

4. USACE Project Manager (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink Tom Zink 12/20/02		James Morning	

5. Disposition

- ☐ **Not Approved (Give Reason)** _____
- ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
- ☐ **Considered Major Change – Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*)	Date:	Project Engineer or Designee (Task manager) ~~(signature)~~	Date:
Carol Bieniulis Carol Bieniulis	12/2/2002	Dan Shea	12-20-02
New Mexico Environment Department (*signature*)	**Date:**	**Holloman AFB Project Manager** ~~(signature)~~	**Date:**
N/A		Fred Fisher	

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Evaluation of Outfall 2	DACW45-94-0003; DO 32, WAD 7, Task 2	2002-Outfall02-01

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	12/20/2002

RE:

- ☐ **Drawing No.** **Title:**
- ☐ **Specification No.** **Title:**
- ☒ **Other** Descope work required under DO 32, WAD 7, Task 2 for reallocation of funds for use in work currently being performed under DO 32, WAD 7, Task 3 - West POL Yard.

1. Description (Items involved; Submit sketch if possible):

1. Descope work required under DO 32, WAD 7, Task 2 and use the remaining funds for work being completed at the West POL Yard under DO 32, WAD 7, Task 3.
2. Funds remaining in the Outfall 02 project are approximately $26,000 (not including tax or fee).

2. Reasons for Change (If disposition of nonconformance report, list report number):

Insufficient funds remain in existing contract to complete contaminated soil excavation activities at the West POL Yard. The current scope of work under Task 2 was determined to be unnecessary in August 2002 since nitrate concentrations in stormwater have decreased to levels acceptable to the NPDES permit. Therefore, the remaining funding undeer this task was available for reallocation/rescope.

3. Recommended Disposition: **Minor Change** ☒ **Major Change** ☐

Approve the descoping and reallocation of funds to be spent in the completion of the revised scope for the West POL Yard contaminated soil removal. (See 2002-WPOL-02 for clarification on revised scope).

4. USACE Project Manager (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink		James Morning	

5. Disposition

- ☐ **Not Approved (Give Reason)**
- ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
- ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*)	Date:	Project Engineer or Designee (Task manager) (signature)	Date:
Carol Bieniulis	12/2/2002	Dan Shea	
New Mexico Environment Department (*signature*)	**Date:**	**Holloman AFB Project Manager (*signature*)**	**Date:**
N/A		Fred Fisher	

FCR Outfall 02 - Descoping.xls.xls 12/20/2002

Post-it® Fax Note 7671	Date 12/20	# of pages ▶ 1
To Dan Shea	From Fred Fisher	
Co./Dept.	Co.	
Phone #	Phone # 505 572-5062	
Fax # 303980-3713	Fax #	

MENTAL CORPORATION

REQUEST

Pl
Ev

32, WAD 7, Task 2

Field Change No.: 2002-Outfall02-01

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	12/20/2002

RE:

- ☐ **Drawing No.** **Title:**
- ☐ **Specification No.** **Title:**
- ✠ **Other** Descope work required under DO 32, WAD 7, Task 2 for reallocation of funds for use in work currently being performed under DO 32, WAD 7, Task 3 - West POL Yard.

1. **Description (Items involved; Submit sketch if possible):**
   1. Descope work required under DO 32, WAD 7, Task 2 and use the remaining funds for work being completed at the West POL Yard under DO 32, WAD 7, Task 3.
   2. Funds remaining in the Outfall 02 project are approximately $26,000 (not including tax or fee).

2. **Reasons for Change (If disposition of nonconformance report, list report number):**
   Insufficient funds remain in existing contract to complete contaminated soil excavation activities at the West POL Yard. The current scope of work under Task 2 was determined to be unnecessary in August 2002 since nitrate concentrations in stormwater have decreased to levels acceptable to the NPDES permit. Therefore, the remaining funding undeer this task was available for reallocation/rescope.

3. **Recommended Disposition:** **Minor Change** ✠ **Major Change** ☐
   Approve the descoping and reallocation of funds to be spent in the completion of the revised scope for the West POL Yard contaminated soil removal. (See 2002-WPOL-02 for clarification on revised scope)

4. USACE Project Manager (*signature*) Date:	Site Manager Concurrence (*signature*) Date:
Tom Zink	James Morning

5. **Disposition**
   - ☐ **Not Approved (Give Reason)**
   - ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
   - ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*) Date:	Project Engineer or Designee (Task manager) (signature) Date:
Carol Bieniulis 12/2/2002	Dan Shea
New Mexico Environment Department (*signature*) Date:	**Holloman AFB Project Manager** (*signature*) Date:
N/A	Fred M Fisher 12/20/02 Fred Fisher

Distribution

Project Engineer signs and returns to LDE for transmittal to USACE PM/Res Engr with copies to the following:

☒ Superintendent/Site Manager	James Morning
☐ Lead Discipline Engineer	
☐ Project Engineer	
☒ Holloman AFB	Dan Holmquist, Fred Fisher
☒ USACE, Omaha District	Tom Zink
☒ TERC Project File	LeAnne Daringer
☒ TERC QA/QC Manager	Kathy Omernik
☒ Others:	Carol Bieniulis
	Dan Shea

TERC.032.007-02X-051

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Contaminated Soil Removal at the West POL Yard	DACW45-94-0003; DO 32, WAD 7, Task 3	2002-WPOL-01

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	12/9/2002

RE:

- ☐ Drawing No. Title:
- ☐ Specification No. Title:
- ☒ Other Removal/replacement of additional concrete from driveway at West POL facility and replace with new concrete in accordance with the approved specifications.

1. **Description (Items involved; Submit sketch if possible):**

1. Remove an additional 1,094 square feet of concrete in order to access and remove old pipeline and additional contaminated soil in accordance with the work plan. This increases the total amount of concrete to be removed under this task to a total of 1,894 square feet (originally scoped as 800 square feet). according to approved specifications. accordance with the approved specifications.

2. **Reasons for Change (If disposition of nonconformance report, list report number):**

West POL facility personnel indicated to James Morning that the fuel line that leaked in 1999 was not removed and/or abandoned. There is a possibility that the pipe could contain residual fuel. Pipeline and contaminated soil removal are required to remediate site and prevent future potential fuel release.

3. **Recommended Disposition:** **Minor Change** ☒ **Major Change** ☐

Approve increase in concrete quantities to be removed and replaced.
Additional work adds approximately $41,500 to overall project cost (based on current subcontractor quote).
The additonal funding required for this work will be provided through existing funds and additional funds as provided by FCR 2002-Outfall02-01. Please refer to the attached spreadsheet summarizing cost impact.

4. USACE Project Manager (*signature*) Date:	Site Manager Concurrence (*signature*) Date:
Tom Zink	James Morning 1/6/03

5. **Disposition**

- ☐ **Not Approved (Give Reason)**
- ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
- ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*) Date:	Project Engineer or Designee (Task manager) (signature) Date:
Carol Bieniulis	Dan Shea 1-6-03
New Mexico Environment Department (*signature*) Date:	**Holloman AFB Project Manager (*signature*) Date:**
N/A	Dan Holmquist 1/6/03

FCR for West POL Concrete - revised.xls 1/6/2003

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Contaminated Soil Removal at the West POL Yard	DACW45-94-0003; DO 32, WAD 7, Task 3	2002-WPOL-01

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	12/9/2002

RE:

☐ **Drawing No.** Title:

☐ **Specification No.** Title:

☒ **Other** Removal/replacement of additional concrete from driveway at West POL facility and replace with new concrete in accordance with the approved specifications.

1. **Description (Items involved; Submit sketch if possible):**

1. Remove an additional 1,094 square feet of concrete in order to access and remove old pipeline and additional contaminated soil in accordance with the work plan. This increases the total amount of concrete to be removed under this task to a total of 1,894 square feet (originally scoped as 800 square feet). according to approved specifications. accordance with the approved specifications.

2. **Reasons for Change (If disposition of nonconformance report, list report number):**

West POL facility personnel indicated to James Morning that the fuel line that leaked in 1999 was not removed and/or abandoned. There is a possibility that the pipe could contain residual fuel. Pipeline and contaminated soil removal are required to remediate site and prevent future potential fuel release.

3. **Recommended Disposition:** **Minor Change** ☒ **Major Change** ☐

Approve increase in concrete quantities to be removed and replaced.
Additional work adds approximately $41,500 to overall project cost (based on current subcontractor quote).
The additonal funding required for this work will be provided through existing funds and additional funds as provided by FCR 2002-Outfall02-01. Please refer to the attached spreadsheet summarizing cost impact.

4. USACE Project Manager (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink	1/7/03	James Morning	

5. **Disposition**

☐ **Not Approved (Give Reason)**

☐ **Considered Minor change -- Approval per Recommended Disposition;**
Normally no revision to design documents

☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*)	Date:	Project Engineer or Designee (Task manager) (signature)	Date:
Carol Bienlulis		Dan Shea	

New Mexico Environment Department (*signature*)	Date:	Holloman AFB Project Manager (*signature*)	Date:
N/A		Dan Holmquist	

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Contaminated Soil Removal at the West POL Yard	DACW45-94-0003; DO 32, WAD 7, Task 3	2002-WPOL-01

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	12/9/2002

RE:

- ☐ Drawing No. Title:
- ☐ Specification No. Title:
- ☒ Other Removal/replacement of additional concrete from driveway at West POL facility and replace with new concrete in accordance with the approved specifications.

1. **Description (Items involved; Submit sketch if possible):**
   1. Remove an additional 1,094 square feet of concrete in order to access and remove old pipeline and additional contaminated soil in accordance with the work plan. This increases the total amount of concrete to be removed under this task to a total of 1,894 square feet (originally scoped as 800 square feet). according to approved specifications. accordance with the approved specifications.

2. **Reasons for Change (If disposition of nonconformance report, list report number):**
   West POL facility personnel indicated to James Morning that the fuel line that leaked in 1999 was not removed and/or abandoned. There is a possibility that the pipe could contain residual fuel. Pipeline and contaminated soil removal are required to remediate site and prevent future potential fuel release.

3. **Recommended Disposition:** Minor Change ☒ Major Change ☐
   Approve increase in concrete quantities to be removed and replaced.
   Additional work adds approximately $41,500 to overall project cost (based on current subcontractor quote).
   The additonal funding required for this work will be provided through existing funds and additional funds as provided by FCR 2002-Outfall02-01. Please refer to the attached spreadsheet summarizing cost impact.

4. USACE Project Manager (*signature*) Date:	Site Manager Concurrence (*signature*) Date:
Tom Zink	James Morning 1/6/03

5. **Disposition**
   - ☐ Not Approved (Give Reason)
   - ☐ Considered Minor change – Approval per Recommended Disposition; Normally no revision to design documents
   - ☐ Considered Major Change – Action taken as prescribed on Design Change Notice

Lead Discipline Engineer (LDE) or Designee (*signature*) Date:	Project Engineer or Designee (Task manager) (signature) Date:
Carol Bienlulls 01-07-03	Dan Shea
New Mexico Environment Department (*signature*) Date:	**Holloman AFB Project Manager (*signature*) Date:**
N/A	Dan Holmquist 1/6/03

FCR for West POL Concrete - revised.xls 1/6/2003

Distribution

Project Engineer signs and returns to LDE for transmittal to USACE PM/Res Engr with copies to the following:

☒ Superintendent/Site Manager	James Morning
☐ Lead Discipline Engineer	
☐ Project Engineer	
☒ Holloman AFB	Dan Holmquist
☒ USACE, Omaha District	Tom Zink
☒ TERC Project File	LeAnne Daringer
☒ TERC QA/QC Manager	Kathy Omernik
☒ Others:	Carol Bieniulis
	Dan Shea

Additional Concrete Work Cost Revisions
West POL Yard Contaminated Soil Removal
Holloman AFB, NM

Sample Type	Unit cost	Original Scope	Original Scope Cost	Revised Scope	Additional Scope Cost
Additional concrete replacment					
Mesa Verde Enterpises (sub) *	$ 24,721.00	800 sq ft	$ 24,721.00	1094 additional sq ft	$ 33,806.00
FW Labor (J. Morning)	$ 60.00	80	$ 4,800.00	50	$ 3,000.00
Craft Labor (operator + laborer)	$ 65.00	80	$ 5,200.00	50	$ 3,250.00
Materials	$ 1,500.00	4	$ 6,000.00	1	$ 1,500.00
		Total	**$ 40,721.00**		**$ 41,556.00**

* Based on subcontractor unit price of $30.90 per square ft.

TERC.032.007-02X-052

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Contaminated Soil Removal at the West POL Yard	DACW45-94-0003; DO 32, WAD 7, Task 3	2002-WPOL-02

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	12/20/2002

RE:

☐ Drawing No. Title:

☐ Specification No. Title:

⊗ Other 1. Discontinue excavation activities and disposal of all contaminated soil from the subsurface
2. Leave existing soil stockpiles on-site for subsequent removal and disposal by future contractor.

1. **Description (Items Involved; Submit sketch if possible):**
   1. Discontinue excavation activities and disposal of all contaminated soil from the subsurface as of 12/20/02. Any remaining contaminated soil at the site shall remain in place. Locations of remaining contaminated soil at the site will be identified by GPS in order to facilitate removal and disposal at a later date.
   2. Leave existing soil stockpiles on-site for subsequent removal and disposal by future contractor. Stockpiles will be secured to prevent exposure to facility personnel, erosion, and runoff.
   3. Backfill site "as-is" and replace concrete in accordance with the construction work plan.
   4. New concrete (1894 sq ft) will be replaced/installed once the site is backfilled (concrete work to begin on 12/23/2002).
2. **Reasons for Change (If disposition of nonconformance report, list report number):**
   Insufficient funds remain in the existing contract. Therefore, Foster Wheeler can not complete the excavation of all contaminated soil at the site and the subsequent removal and disposal of stockpiles (currently on-site).
3. **Recommended Disposition:** Minor Change ⊗ Major Change ☐
   Approve request to complete work at West POL Yard as indicated above. All work will be complete at the site by early January 2003.

4. USACE Project Manager (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink Tom Zink	12/20/02	James Morning	

5. **Disposition**
   - ☐ **Not Approved (Give Reason)**
   - ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
   - ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*)	Date:	Project Engineer or Designee (Task manager) (signature)	Date:
Carol Bieniulis Carol Bieniulis	12/19/2002	Dan Shea	12-20-02

New Mexico Environment Department (*signature*)	Date:	Holloman AFB Project Manager (*signature*)	Date:
N/A		Dan Holmquist	

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Contaminated Soil Removal at the West POL Yard	DACW45-94-0003; DO 32, WAD 7, Task 3	2002-WPOL-02

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	12/20/2002

RE:

☐ Drawing No. Title:

☐ Specification No. Title:

☒ Other 1. Discontinue excavation activities and disposal of all contaminated soil from the subsurface
2. Leave existing soil stockpiles on-site for subsequent removal and disposal by future contractor.

1. **Description (Items involved; Submit sketch if possible):**
   1. Discontinue excavation activities and disposal of all contaminated soil from the subsurface as of 12/20/02. Any remaining contaminated soil at the site shall remain in place. Locations of remaining contaminated soil at the site will be identified by GPS in order to facilitate removal and disposal at a later date.
   2. Leave existing soil stockpiles on-site for subsequent removal and disposal by future contractor. Stockpiles will be secured to prevent exposure to facility personnel, erosion, and runoff.
   3. Backfill site "as-is" and replace concrete in accordance with the construction work plan.
   4. New concrete (1894 sq ft) will be replaced/installed once the site is backfilled (concrete work to begin on 12/23/2002).
2. **Reasons for Change (If disposition of nonconformance report, list report number):**
   Insufficient funds remain in the existing contract. Therefore, Foster Wheeler can not complete the excavation of all contaminated soil at the site and the subsequent removal and disposal of stockpiles (currently on-site).
3. **Recommended Disposition:** **Minor Change** ☒ **Major Change** ☐
   Approve request to complete work at West POL Yard as indicated above. All work will be complete at the site by early January 2003.

4. USACE Project Manager (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink		James Morning	12/20/02

5. **Disposition**
   - ☐ **Not Approved (Give Reason)**
   - ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
   - ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*)	Date:	Project Engineer or Designee (Task manager) (signature)	Date:
Carol Bieniulis	12/19/2002	Dan Shea	
New Mexico Environment Department (*signature*)	**Date:**	**Holloman AFB Project Manager** (*signature*)	**Date:**
N/A		Dan Holmquist	1/6/03

FCR for West POL Completion 12-20-02.xls 1/6/2003

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project: Holloman AFB-FT-31 Excavation	Project No.: DACW45-94-0003; DO 37, WAD 1& 32/7 WPOL	Field Change 2002-FT-31 01	
To: Mr. Tom Zink	Department: USACE-Omaha	Location: Holloman AFB, NM	Date: 11/19/2002

RE: Insta
☐ Other

1. **Description (Items involved; Submit sketch if possible):**

Section 2.5 of Work plan -Only Contaminated and suspected contaminated soil will be place on an "Impermeable Surface" 40-80 mil plastic sheeting will not be used.

Section 2.9- Backfilling- FT31 and WPOL excavations will have 1/1/2 to 2 feet of 1 inch rocked place at the water table to stabilize bottom before backfilling with soils and compacting. Section 4.1- Field sampling may require additional sampling and increased cost for faster turnaround time to expedite the over excavation of PCS (PLEASE REFER TO FCR # 2002 - FT-31 02)

2. **Reasons for Change (If disposition of nonconformance report, list report number):**

To address the size of the over excavation and expedite decision making in the field.

3. **Recommended Disposition:** Minor Change ☑ Major Change ☐

The recommendation is for Foster Wheeler Environmental to place the rock in excavation's as needed to stabilize the bottom of excavations and perform any additional sampling and increase turnaround times as needed, USAF, USACE and FWENC staff to be kept informed as to lab changes ASAP.

4. USACE Project Mgr. (Tom Zink)	Date:	Project Superintendent (James Morning)	Date:
	11/25/02		11/20/02

5. **Disposition**

☐ **Not Approved (Give Reason)** _____

☑ **Considered Minor change -- Approval per Recommended Disposition;**
Normally no revision to design documents

☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee	Date:	Delivery Order Manager (Dan Shea)	Date:
N/A			11-21-02
New Mexico Environment Department (signature)	Date:	Holloman AFB Project Manager (Dan Holmquist)	Date:
N/A			11/20/02

FCR FT31-01.sfg.rtg 11/20/2002

TERC.037.001-02X-246

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Excavation of Contaminated Soil at FT-31, SS-17, and West POL Yard	DACW45-94-0003; DO 37, WAD 1	2002-FT-31 02

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	11/21/2002

RE:

- ☐ **Drawing No.** _____ **Title:** _____
- ☐ **Specification No.** _____ **Title:** _____
- ☒ **Other** Revision of excavation confirmation sampling at FT-31 scope based on comments from NMED from their site visit the week of 11/11/2002

1. Description (Items involved; Submit sketch if possible):

1. At FT-31 the inner pit will be sampled every 30 ft laterally and 8 ft vertically
2. In the upper bench of the FT-31 excavation 2 samples will be collected from each sidewall and samples will be collected every 8 ft vertically
3. Number of samples will increase from 15 plus 1 field duplicate up to 60 including field duplicates.
4. Samples for VOCs will be collected using the EnCore system (3 EnCore sample aliquots comprise 1 sample)

2. Reasons for Change (If disposition of nonconformance report, list report number):

Discussions between NMED and Holloman AFB culminated in an agreement on how often to sample excavations to confirm presence of contamination for closure.

3. Recommended Disposition: **Minor Change** ☒ **Major Change** ☐

Approve revised sampling approach.
Additional work adds $16,980 to analytical cost for FT-31 excavation activities
Additional work can be completed with some descoping of excavation planned for SS-17
See attached spreadsheet detailing the sampling plan revisions.

4. USACE Project Manager (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink		James Morning	

5. Disposition

- ☐ **Not Approved (Give Reason)** _____
- ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
- ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*)	Date:	Project Engineer or Designee (Task manager) (signature)	Date:
Carol Bieniulis	11/21/2002	Dan Shea	11-22-02
New Mexico Environment Department (*signature*)	**Date:**	**Holloman AFB Project Manager** (*signature*)	**Date:**
N/A		Dan Holmquist	

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Excavation of Contaminated Soil at FT-31, SS-17, and West POL Yard	DACW45-94-0003; DO 37, WAD 1	2002-FT-31 02

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	11/21/2002

RE:

☐ Drawing No. Title:

☐ Specification No. Title:

☒ Other Revision of excavation confirmation sampling at FT-31 scope based on comments from NMED from their site visit the week of 11/11/2002

1. **Description (Items involved; Submit sketch if possible):**
   1. At FT-31 the inner pit will be sampled every 30 ft laterally and 8 ft vertically
   2. In the upper bench of the FT-31 excavation 2 samples will be collected from each sidewall and samples will be collected every 8 ft vertically
   3. Number of samples will increase from 15 plus 1 field duplicate up to 60 including field duplicates.
   4. Samples for VOCs will be collected using the EnCore system (3 EnCore sample aliquots comprise 1 sample)

2. **Reasons for Change (If disposition of nonconformance report, list report number):**
   Discussions between NMED and Holloman AFB culminated in an agreement on how often to sample excavations to confirm presence of contamination for closure.

3. **Recommended Disposition:** **Minor Change** ☒ **Major Change** ☐
   Approve revised sampling approach.
   Additional work adds $16,980 to analytical cost for FT-31 excavation activities
   Additional work can be completed with some descoping of excavation planned for SS-17
   See attached spreadsheet detailing the sampling plan revisions.

4. USACE Project Manager (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink		James Morning	11/21/02

5. **Disposition**
   - ☐ **Not Approved (Give Reason)**
   - ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
   - ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*)	Date:	Project Engineer or Designee (Task manager) (signature)	Date:
Carol Bieniulis	11/21/2002	Dan Shea	
New Mexico Environment Department (*signature*)	**Date:**	**Holloman AFB Project Manager** (*signature*)	**Date:**
N/A		Dan Holmquist	1/6/03

FCR FT-31 02 - Sampling.xls 1/6/2003

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Excavation of Contaminated Soil at FT-31, SS-17, and West POL Yard	DACW45-94-0003; DO 37, WAD 1	2002-FT-31 02

To:	Department:	Location:	Date:
Tom Zink	USACE, Omaha District	Holloman AFB, NM	11/21/2002

RE:

☐ Drawing No. Title:

☐ Specification No. Title:

☒ Other Revision of excavation confirmation sampling at FT-31 scope based on comments from NMED from their site visit the week of 11/11/2002

1. **Description (Items involved; Submit sketch if possible):**
   1. At FT-31 the inner pit will be sampled every 30 ft laterally and 8 ft vertically
   2. In the upper bench of the FT-31 excavation 2 samples will be collected from each sidewall and samples will be collected every 8 ft vertically
   3. Number of samples will increase from 15 plus 1 field duplicate up to 60 including field duplicates.
   4. Samples for VOCs will be collected using the EnCore system (3 EnCore sample aliquots comprise 1 sample)

2. **Reasons for Change (If disposition of nonconformance report, list report number):**
   Discussions between NMED and Holloman AFB culminated in an agreement on how often to sample excavations to confirm presence of contamination for closure.

3. **Recommended Disposition:** **Minor Change** ☒ **Major Change** ☐
   Approve revised sampling approach.
   Additional work adds $16,980 to analytical cost for FT-31 excavation activities
   Additional work can be completed with some descoping of excavation planned for SS-17
   See attached spreadsheet detailing the sampling plan revisions.

4. USACE Project Manager (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink	11/25/02	James Moming	

5. **Disposition**
   - ☐ **Not Approved (Give Reason)**
   - ☐ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
   - ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer (LDE) or Designee (*signature*)	Date:	Project Engineer or Designee (Task manager) (signature)	Date:
Carol Bieniulis	11/21/2002	Dan Shea	

New Mexico Environment Department (*signature*)	Date:	Holloman AFB Project Manager (*signature*)	Date:
N/A		Dan Holmquist	

Excavation Confirmation Sampling Revisions
Excavation at FT-31
Holloman AFB, NM

Sample Type	Analytical Cost per Sample	Original Scope Number of Samples (duplicates included)	Original Scope Cost	Revised Scope Number of Samples (duplicates included)	Revised Scope Cost
Excavation Confirmation Samples					
VOCs (no EnCore)	$ 100.00	16	$ 1,600.00	0	$ -
SVOCs	$ 200.00	16	$ 3,200.00	60	$ 12,000.00
TPH (DRO, GRO, ORO)	$ 45.00	16	$ 720.00	60	$ 2,700.00
VOCs (w/EnCore)	$ 130.00	0	$ -	60	$ 7,800.00
		Total	$ 5,520.00		$ 22,500.00
		Cost Difference Between Original and Revised Scope	$ (16,980.00)		

TERC.037.001-02X-247

FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Excavation of Contaminated Soil at FT-31	DACW45-94-0003; DO 37, WAD 1	2002-FT-31-03

To:	Department:	Location:	Date:
Mr. Tom Zink-USACE	Omaha District	Holloman AFB, NM	11/22/2002

RE:

☐ Drawing No. Title:

☐ Specification No. Title:

*☐ Other Section 2.7 (OLD 2.9) Backfilling and Compaction
Section 2.8 (OLD) 2.10 Site Restoration

1. **Description (Items involved; Submit sketch if possible):**
Backfilling of the FT-31 East Area excavation to existing grade

2. **Reasons for Change (If disposition of nonconformance report, list report number):**
The volume of contaminated soil in the East Area has increased the amount of excavation and off-site disposal. Therefore, the efforts required to remove and dispose of the contaminated soil will require a redirection of funds from the site restoration budget to support this additional excavation and off-site disposal.

3. **Recommended Disposition:** **Minor Change** X☐ **Major Change** ☐
Use the site restoration funds to complete the soil disposal task, backfill bottom of excavation with rock (in accordance with FCR #2002-FT-31) and place a portion of the NMED-acceptable stockplied soil back into the excavation (approximately 2,500 CY). Secure the site by surrounding the excavation with a safety/stormwater soil berm. Demobilize from the FT-31 site with partially backfilled excavation. It is anticipated that work for the excavation activities at SS-17 will need to be descoped as a result of this effort.

4. USACE PM (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink		James Morning	11/25/02

5. **Disposition**

☐ **Not Approved (Give Reason)**

☒ **Considered Minor change – Approval per Recommended Disposition;** Normally no revision to design documents

☐ **Considered Major Change – Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer/Task Mgr. or Designee (*signature*)	Date:	Project Engineer of Designee/DOM (*signature*)	Date:
N/A		Dan Shea	11-25-02
New Mexico Environment Department (*signature*)	**Date:**	**Holloman AFB Project Manager** (*signature*)	**Date:**
N/A		Dan Holmquist	11/25/02

Distribution

Project Engineer signs and returns to LDE for transmittal to Resident Engineer with copies to the following:

* Superintendent/Site Manager	James Morning
* Lead Discipline Engineer	Carol Bieniulis
☐ Project Engineer	
* Holloman AFB	Dan Holmquist
* USACE, Omaha District	Tom Zink
* TERC Project File	LeAnne Daringer
* TERC QA/QC Manager	Kathy Omernik
☐ Others:	

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

FIELD CHANGE REQUEST

Project:	Project No.:	Field Change No.:
Excavation of Contaminated Soil at FT-31	DACW45-94-0003; DO 37, WAD 1	2002-FT-31-03

To:	Department:	Location:	Date:
Mr. Tom Zink-USACE	Omaha District	Holloman AFB, NM	11/22/2002

RE:

- ☐ Drawing No. Title:
- ☐ Specification No. Title:
- ☒ Other Section 2.7 (OLD 2.9) Backfilling and Compaction
  Section 2.8 (OLD) 2.10 Site Restoration

1. **Description (Items involved; Submit sketch if possible):**
   Backfilling of the FT-31 East Area excavation to existing grade

2. **Reasons for Change (If disposition of nonconformance report, list report number):**
   The volume of contaminated soil in the East Area has increased the amount of excavation and off-site disposal. Therefore, the efforts required to remove and dispose of the contaminated soil will require a redirection of funds from the site restoration budget to support this additional excavation and off-site disposal.

3. **Recommended Disposition:** Minor Change X☐ Major Change ☐
   Use the site restoration funds to complete the soil disposal task, backfill bottom of excavation with rock (in accordance with FCR #2002-FT-31) and place a portion of the NMED-acceptable stockpiled soil back into the excavation (approximately 2,500 CY). Secure the site by surrounding the excavation with a safety/stormwater soil berm. Demobilize from the FT-31 site with partially backfilled excavation. It is anticpated that work for the excavation activities at SS-17 will need to be descoped as a result of this effort.

4. USACE PM (*signature*)	Date:	Site Manager Concurrence (*signature*)	Date:
Tom Zink	11/25/02	James Morning	

5. **Disposition**
   - ☐ **Not Approved (Give Reason)**
   - ☒ **Considered Minor change -- Approval per Recommended Disposition;** Normally no revision to design documents
   - ☐ **Considered Major Change -- Action taken as prescribed on Design Change Notice**

Lead Discipline Engineer/Task Mgr. or Designee (*signature*)	Date:	Project Engineer of Designee/DOM. (*signature*)	Date:
N/A		Dan Shea	
New Mexico Environment Department (*signature*)	Date:	Holloman AFB Project Manager (*signature*)	Date:

APPENDIX F
DEVELOPMENT OF GROUNDWATER TARGET LEVELS

New Mexico's Water Quality Control Commission (WQCC) Regulation [20.6.2 NMAC] provides human health standards for groundwater with a total dissolved solids concentration of 10,000 mg/L or less. Section 20.6.2.3103A lists 33 chemicals and Section 20.6.2.3103B provides standards for 10 other constituents. For chemicals not included in the above standards a risk-based approach was used to develop groundwater target levels. This appendix describes the method used to establish these target levels.

New Mexico's Underground Storage Tank Bureau's Guidelines for *Corrective Action*, March 13, 2000 presents a risk-based approach to develop equivalent groundwater target levels. For chemicals that do not have WQCC standards, equivalent target levels are developed assuming direct ingestion of water by an adult using:

Carcinogenic Effects

$$RBTL_W = \frac{TR \times BW \times AT_c \times 365}{IR_W \times ED \times EF \times SF_o} \qquad \text{(G-1)}$$

Non-carcinogenic Effects

$$RBTL_W = \frac{THQ \times BW \times AT_{nc} \times 365 \times RfD_o}{IR_W \times ED \times EF} \qquad \text{(G-2)}$$

where,

$RBTL_W$ = Risk-based target level for ingestion of groundwater [mg/L-H_2O]
TR = Target risk or the increased chance of developing cancer over a lifetime due to exposure to a chemical [1 x 10^{-5}]
THQ = Target hazard quotient for individual constituents [1]
BW = Body weight [70 kg]
AT_c = Averaging time for carcinogens [70 years]
AT_{nc} = Averaging time for non-carcinogens [30 years]
IR_w = Water ingestion rate [2 L/day]
ED = Exposure duration [30 years]
EF = Exposure frequency [350 days/year]
RfD_o = The chemical-specific oral reference dose [mg/kg-day]
SF_o = The chemical-specific oral cancer slope or potency factor [mg/kg-day]$^{-1}$.

Table G-1 presents the values of the input parameters listed above. Table G-2 presents the toxicity factors used in the calculations, and Table G-3 presents the calculated values.

Table F-1
Exposure Factors

Parameter	Symbol	Unit	Value
Averaging Time for Carcinogen	AT_c	year	70
Averaging Time for Non-Carcinogen	AT_{nc}	year	30
Body Weight	BW	kg	70
Exposure Duration	ED	year	30
Exposure Frequency	EF	day/year	350
Water Ingestion rate	IR_W	L/day	2
Risk Carcinogenic	TR	-	1.00E-05
Risk Non-Carcinogenic	THQ	-	1.0

Table F-2
Toxicity Factors

Parameters	SFo [kg-day/mg]	RfDo [mg/kg-day]
1,1,1-Trichloroethane	NA	0.035
1,1-Dichloroethane	NA	0.1
1,1-Dichloroethene	0.6	0.009
1,2,4-Trimethylbenzene	NA	0.05
1,3,5-Trimethylbenzene	NA	0.05
2-Methylnaphthalene	NA	0.02
4-Methyl-2-pentanone	NA	0.08
Acetone	NA	0.1
Benzene	0.029	NA
Diethylphthalate	NA	0.8
Ethylbenzene	NA	0.1
Isopropylbenzene	NA	0.1
Methacrylonitrile	NA	0.0001
Napthalene	NA	0.02
n-Butylbenzene	NA	0.04
n-Propylbenzene	NA	0.04
p-Isopropyltoluene	NA	0.1
sec-Butylbenzene	NA	0.04
Toluene	NA	0.2
Xylenes	NA	2

Table F-3
Groundwater Target Levels

Parameters	Concentration ug/L
1,2,4-Trimethylbenzene	1,825
1,3,5-Trimethylbenzene	1,825
4-Methyl-2-pentanone	2,920
Acetone	3,650
Diethylphthalate	29,200
Isopropylbenzene	3,650
Methacrylonitrile	3.65
n-Butylbenzene	1,460
n-Propylbenzene	1,460
p-Isopropyltoluene	3,650
sec-butylbenzene	1,460

Note:
Concentration values are based on non-carcinogenic adverse health effects