5/10/2011

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 49TH WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

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RECEIVED
AUG 2011
NMED Hazardous Waste Bureau

A. David Budak
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550 Tabosa Avenue
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New Mexico Environment Department
Attn: Mr. John Kieling
Hazardous Waste Bureau
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Dear New Mexico Environment Department

Holloman AFB is pleased to submit the Technical Memorandum RFI Groundwater and Surface Water Sampling, Lost River Basin (AOC-U) for your review.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. David Scruggs of our Asset Management Flight at (575) 572-5395.

Sincerely

20110804
A. DAVID BUDAK, GS-14, DAFC

Attachment:
Technical Memorandum RFI Groundwater and Surface Water Sampling, Lost River Basin (AOC-U)

cc:

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TECHNICAL MEMORANDUM
RFI GROUNDWATER AND SURFACE WATER SAMPLING, LOST RIVER BASIN (AOC-U)
HOLLOMAN AFB, NEW MEXICO

Prepared For:

49 CES/CEAN
Holloman Air Force Base
New Mexico

Under Contract To:

U.S. Army Corps of Engineers
Albuquerque District, HTRW Branch
4101 Jefferson Plaza Northeast
Albuquerque, New Mexico 87109-3435

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Prepared by:

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NationView Project Number: 809006.03.010

TECHNICAL MEMORANDUM
FOR
RFI GROUNDWATER AND SURFACE WATER SAMPLING
LOST RIVER BASIN (AOC-U)
HOLLOMAN AFB, NEW MEXICO

DATE: May 10, 2011

FROM: David Scruggs, Chief Environmental Restoration Program, 49 CES/CEAN, Holloman AFB, New Mexico and Jim Moore, P.G., Project Manager, NationView, LLC, Lakewood, Colorado

TO: Dave Strasser, New Mexico Environment Department, Hazardous Waste Bureau, Albuquerque, New Mexico

SUBJECT: SUMMARY REPORT FOR AOC-U RCRA FACILITY INVESTIGATION GROUNDWATER AND SURFACE WATER SAMPLING

1.0 INTRODUCTION

This technical memorandum was prepared by NationView, LLC (NationView) for the Holloman Air Force Base (HAFB) 49th Civil Engineering Squadron/ Environmental Asset Management Flight (CES/CEAN) under the U.S. Army Corps of Engineers (USACE) Albuquerque District contract W912PP-09-D-0003, Delivery Order 0003. This technical memorandum presents the results of groundwater and surface water samples which were collected as part of the Area of Concern (AOC)-U (Lost River Basin) Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) conducted by NationView in February/March 2011. This sampling event was conducted in accordance with the *Final RCRA Facility Investigation Work Plan AOC-U, Lost River Basin, Holloman AFB, NM* (NationView, July 2009). Although the Final AOC-U RFI Work Plan is currently under review by the New Mexico Environment Department (NMED), the NMED directed HAFB to proceed with the groundwater and surface water sampling events (NMED, January 2010).

The primary purpose of this memorandum is to summarize the AOC-U groundwater and surface water data and provide recommendations for the subsurface soil sampling phase of the RFI. This memorandum includes analytical laboratory data reports, groundwater and surface water data summary tables, and figures showing sampling locations along with all regulatory exceedences.

1.1 Technical Memorandum Organization

This technical memorandum is organized into the following seven sections:

- Section 1 – Introduction
- Section 2 – Site Background/Description and Regulatory Screening Criteria
- Section 3 – Investigation Field Activities (Groundwater and Surface Water)
- Section 4 – Laboratory Analysis and Data Validation Summary
- Section 5 – Groundwater and Surface Water Sampling Results
- Section 6 – Conclusions and Recommendations
- Section 7 – References
- Figures and tables referenced throughout this memorandum are included following the text
- Attachment 1 – Variances for analytical field changes
- Attachment 2 – Gulf Coast Analytical Laboratories, Inc. and TestAmerica, Inc. Analytical Data Packages (provided on CD)
- Attachment 3 – Data Validation Reports

2.0 SITE BACKGROUND/DESCRIPTION AND REGULATORY SCREENING CRITERIA

The Lost River Basin (AOC-U) is a large intermittent drainage basin that receives surficial runoff from various upgradient Solid Waste Management Units (SWMUs) and AOCs. The Lost River Basin is located within the northern portion of HAFB (Figure 1). Surface water generally flows from east to west during the rainy season (late July through September) and is dry during the remaining months. The Lost River Basin receives surface runoff from six Environmental Restoration Program (ERP) sites which include nine SWMUs and AOCs that are listed on the HAFB Hazardous Waste Facility Permit No. NM6572124422 (NMED, 2004a). The six potential source areas (SWMUs and AOCs) are shown on Figure 2 and include the following ERP sites:

- OT-04 (SWMU 102) - Acid Trailer Burial Site
- OT-37 (AOC L) - Early Missile Test Site
- OT-38 (SWMU 137) - Test Sled Maintenance Area
- SS-39 (SWMUs 165, 177, 179, and 181) - Missile Fuel Spill Area
- LF-40 (SWMU-103) - Causeway Rubble Disposal Area
- DP-62 (AOC-RD) - Ritas Draw Disposal Pit

The Lost River Basin (AOC-U) and the six SWMUs and AOCs listed above are each listed on the HAFB Hazardous Waste Facility Permit No. NM6572124422 (NMED, February 2004a). The Lost River Basin (AOC-U), AOC-L (OT-37), SWMU 137 (OT-38), and SWMUs 165, 177, 179, and 181 (SS-39) are listed on Table A of the HAFB Permit as sites that currently require corrective action.

Additionally, SWMU 102 (OT-04), SWMU 103 (LF-40), and AOC-RD (DP-62) are listed on Table B of the HAFB Permit as sites not currently requiring corrective action (closed sites).

The primary objective of the AOC-U RFI Work Plan (NationView, July 2009) is to determine if these adjacent ERP sites have impacted the soil and water quality within the Lost River Basin watershed. The Lost River Basin is considered an environmentally sensitive area under agreement between HAFB, White Sands Missile Range (WSMR), the National Park Service (NPS), the U.S. Fish and Wildlife Service (USFWS), and the New Mexico Department of Game and Fish (NMDGF) to protect the Threatened White Sands Pupfish.

2.1 Regulatory Screening Criteria

The groundwater and surface water analytical data obtained during this phase of the AOC-U RFI will be evaluated against the applicable regulatory screening criteria specified in Appendix 4-F *Action Levels and Cleanup Levels* of the HAFB Hazardous Waste Permit No. NM6572124422 (NMED, February 2004b). The groundwater and surface water data evaluation will consist of a direct comparison to the applicable action level screening criteria.

The maximum detected concentration of each contaminant which is detected above the method detection limit (MDL) will be used for comparison. Applicable screening criteria are presented on the analytical data summary tables for analytes and media of concern in this technical memorandum. The following sections present the regulatory criteria which will be used to evaluate the analytical data generated during this phase of the AOC-U RFI.

2.1.1 Groundwater

<u>VOCs, SVOCs, TAL Metals, and Nitrate</u>

There are two applicable standards for groundwater: New Mexico Water Quality Control Commission (NMWQCC) groundwater standards for contaminants (New Mexico Administrative Code [NMAC] 20.6.2.3103, September 2002) and the U.S. Environmental Protection Agency's (USEPA) *National Primary Drinking Water Regulations* (USEPA, May 2009a) Maximum Contaminant Levels (MCLs). The lower of the two standards will be used as action levels for Volatile Organic Compounds (VOCs), Semi–Volatile Organic Compounds (SVOCs), Target Analyte List (TAL metals), and nitrate in groundwater. Additionally, all detected TAL metals will be compared to the HAFB Background, Dissolved Metals in Groundwater Upper Tolerance Limits (UTLs) (pending NMED approval of the *Basewide Background Study Report, Holloman Air Force Base, New Mexico* [NationView|Bhate JV III, October 2009]).

Total Petroleum Hydrocarbons

The action levels for total petroleum hydrocarbons (TPH) are established in the *New Mexico Environment Department TPH Screening Guidelines* (NMED, October 2006). The NMED TPH screening guideline for kerosene and jet fuel (15.7 milligrams per liter [mg/L]) will be the action level which will be compared to total TPH concentrations (gasoline range organics [GRO], diesel range organics [DRO], and oil range organics [ORO]) detected in groundwater.

Perchlorate

As per the HAFB Hazardous Waste Facility Permit, Section III.1.2, NMED has adopted the USEPA drinking water reference dose as an interim groundwater clean-up level. In December 2008, the USEPA issued an Interim Drinking Water Health Advisory for exposure to perchlorate of 15 micrograms per liter (µg/L) in water (USEPA, December 2008), which will serve as the action level for perchlorate detections in groundwater.

Total Dissolved Solids

There are two applicable standards for total dissolved solids (TDS) detected in groundwater: NMWQCC groundwater standards for contaminants (NMAC 20.6.2.3103) and the *USEPAs National Priority Drinking Water Regulations* (USEPA, May 2009a) secondary MCLs. The lower of the two standards will be used as the action level for TDS. Additionally, TDS concentrations will be compared to the HAFB Background, Groundwater UTL (pending NMED approval of the *Basewide Background Study Report, Holloman Air Force Base, New Mexico* [NationView|Bhate JV III, October 2009]).

2.1.2 Surface Water

According to the HAFB Hazardous Waste Facility Permit number NM6572124422, Appendix 4-F, Section IV.1 (Surface Water Cleanup Levels), HAFB shall comply with surface water quality standards outlined in the Clean Water Act (33 United States Code [U.S.C.] § 1251 et seq. 1972), the New Mexico Water Quality Control Commission Regulations (20.6.1 NMAC), and the State of New Mexico Standards for Interstate and Intrastate Surface Waters (20.6.4 NMAC). The lower of these standards will be used as the action levels for any detected constituents in surface water.

3.0 INVESTIGATION FIELD ACTIVITIES

Grab groundwater samples were collected from 50 hand augered soil borings located throughout the Lost River Basin (AOC-U) and within arroyos that are downgradient of the six ERP sites (OT-04, OT-37, OT-38, SS-39, LF-40, and DP-62). Additionally, three surface water samples were collected from three reaches

of the Lost River Basin which contained water in early March 2011. The groundwater and surface water sample locations are presented on Figure 2. The primary objective of this sampling event is to determine if historical releases from these sites have impacted the groundwater and surface water quality within the Lost River Basin downgradient from these SWMUs and AOCs. The AOC-U groundwater and surface water sampling investigation was conducted by NationView from February 28 through March 7, 2011.

3.1 Groundwater Sampling and Analysis

Grab groundwater samples were collected from each of the 50 hand augered soil borings located throughout the Lost River Basin to delineate the horizontal extent of potential groundwater contamination (Figure 2). The 50 soil borings were advanced using a 3.25 inch outer diameter (OD) stainless steel AMS® Inc., hand auger sampling bucket (coring tool) equipped with 5 foot extensions and quick-connect connections. The borehole depths ranged from 4.5 feet (ft) below ground surface (bgs) (AOCU-GW69) to 13.0 ft bgs (AOCU-GW08 and AOCU-GW17) and the depth to groundwater ranged from 1.0 ft bgs (AOCU-GW02) to 12.5 ft bgs (AOCU-GW17). Table 1 presents the borehole depths and approximate depth to groundwater for all of the hand augered boreholes advanced during this sampling event.

Grab groundwater samples were collected from the hand augered soil boring locations using a disposable Teflon bailer. As these were grab samples, field sampling parameters (e.g., pH, conductivity, dissolved oxygen, and temperature) were not collected prior to sampling. A new, factory wrapped bailer was used to sample groundwater from each soil boring.

A total of 61 grab groundwater samples including 5 duplicate, 3 matrix spike (MS) samples, and 3 matrix spike duplicates (MSD) samples were analyzed by Gulf Coast Analytical Laboratories (GCAL), Inc. in Baton Rouge, Louisiana and TestAmerica (TA), Laboratories Inc. in Denver, Colorado for the following parameters:

- VOCs by USEPA SW-846 Method 8260B
- SVOCs by USEPA SW-846 Method 8270C
- Perchlorate by USEPA Method 6860
- TPH (GRO, DRO, ORO) by USEPA SW-846 Method 8015B
- TAL Metals by USEPA SW-846 Method 6010B/7470A
- Nitrate by USEPA Method 353.2
- TDS by USEPA Method 2540C

All groundwater samples for TAL metals and perchlorate analysis were field filtered using a peristaltic pump, disposable ¼-inch polyethylene tubing, and a disposable 0.45 micron filter. The groundwater samples which were submitted for chemical analysis are summarized in Table 2. Groundwater samples were

placed in the appropriate containers, packed on ice at 4 degrees Celsius (º C), and delivered under chain-of custody to GCAL and TA.

3.2 Surface Water Sampling and Analysis

Three grab surface water samples were collected from three reaches of the Lost River, where flowing water was encountered on March 6, 2011. The surface water sample locations are shown on Figure 2. Surface water samples were collected mid-depth from the center of Lost River (5 ft width). Grab surface water samples were collected by standing on an adjacent bank and collecting water directly into the sample container. For the sample aliquots (e.g., TAL metals) which were pre-preserved, a non-preserved laboratory clean bottle was used as the sample transfer device to transfer the surface water sample into the pre-preserved sample jar.

A total of six grab surface water samples including one duplicate, one MS and one MSD sample were analyzed by GCAL in Baton Rouge, Louisiana and TA in Denver, Colorado for the following parameters:

- VOCs by USEPA SW-846 Method 8260B
- SVOCs by USEPA SW-846 Method 8270C
- Perchlorate by USEPA Method 6860
- TPH (GRO, DRO, ORO) by USEPA SW-846 Method 8015B
- TAL Metals by USEPA SW-846 Method 6010B/7470A
- Nitrate by USEPA Method 353.2
- TDS by USEPA Method 2540C
- pH by USEPA Standard Method (SM) 4500 H+B/SW-846 9040A
- Hardness USEPA SM 2340B

All surface water samples for TAL metals and perchlorate were field filtered using a peristaltic pump, disposable ¼-inch polyethylene tubing and a disposable 0.45 micron filter. The surface water samples which were submitted for chemical analysis are summarized in Table 2. Surface water samples were placed in the appropriate containers, packed on ice at 4 ºC, and delivered under chain-of custody to GCAL and TA Laboratories.

3.3 Variances

On February 8, 2011, prior to initiating the AOC-U groundwater sampling event, variances for three analytical changes were completed. The variances from the *Final RCRA Facility Investigation Work Plan AOC-U, Lost River Basin, Holloman AFB, NM* (NationView, July 2009) involved the following:

1. Subcontracting GCAL to perform the soil, groundwater, and surface water analyses.
2. Adding nitrate by USEPA Method 353.2 to the list of analytical parameters (soil, groundwater, and surface water).

3. Analyzing groundwater and surface water samples for perchlorate by USEPA Method 6860 (the perchlorate analyses were performed by TA in Denver, Colorado).

The variance forms for these analytical changes are included in Attachment 1.

3.4 Surveying

Upon completion, each hand augered borehole was backfilled. Each borehole (grab groundwater sample location) and surface water location was surveyed using a survey grade Trimble® Geometrics Pro XR global positioning system (GPS) in accordance with the methods described in the *Basewide Quality Assurance Project Plan* (QAPP) (Bhate Environmental Associates, Inc. [Bhate], November 2003). The horizontal locations (northing and easting coordinates) are relative to the World Geodetic System (WGS), 1984 Universal Transverse Mercator (UTM) Coordinate System, Zone 13 North (meters) and surveyed to an accuracy of +/- 1.0 meter. The survey data for the 50 soil borings (grab surface water locations) and surface water locations installed during this investigation are included in Table 1.

3.5 Equipment Decontamination

All reusable hand auger equipment (rod extensions and coring tool) was decontaminated after each borehole was advanced in accordance with HAFB Standard Operating Procedure (SOP)-2 provided in the Basewide QAPP (Bhate, November 2003).

3.6 Waste Handling

Investigation derived waste (IDW) was managed in accordance with HAFB SOP-9 of the Basewide QAPP (Bhate, November 2003). IDW generated from advancing the 50 soil borings and equipment decontamination was managed in accordance with Section 6.3.8 of the *Final RCRA Facility Investigation Work Plan AOC-U, Lost River Basin, Holloman AFB, NM* (NationView, 2009).

4.0 LABORATORY ANALYSIS AND DATA VALIDATION

With the exception of the variances described in Section 3.3 of this memorandum, the analysis of groundwater and surface water samples collected during this investigation followed the proposed methodologies presented in the *Final RCRA Facility Investigation Work Plan AOC-U, Lost River Basin, Holloman AFB, New Mexico* (NationView, July 2009). All of the groundwater and surface water analytical procedures presented in Sections 3.1 and 3.2 followed the USEPA SW-846 protocol.

All of the laboratory data was validated by the project chemist. Field Quality Assurance (QA)/Quality Control (QC) samples, including trip blanks, duplicates, matrix spikes, and matrix spike duplicates were collected to document field and laboratory QA/QC. The analytical data is provided in Attachment 2 and the Data Validation Reports are provided in Attachment 3 of this memorandum. GCAL in Baton Rouge, Louisiana performed the analysis of all samples collected with the exception of the perchlorate analysis which was conducted by TA in Denver, Colorado.

Overall, only minor QC issues were identified during the data validation of the laboratory results and the laboratory took all necessary corrective actions. All of the data were determined to be usable with only minor qualifications. Information regarding the precision, accuracy, representativeness, and completeness is provided in the validation reports (Attachment 3) with the following sections providing a synopsis of each analyte group.

4.1 Volatile Organic Compounds

The laboratory control sample duplicate (LCSD) recoveries (associated samples AOCU-GW15, AOCU-GW17, AOCU-GW10, AOCU-GW12, AOCU-GW07, and AOCU-GW03) for trans-1,3-dichloropropene and 1-chlorohexane were below QC limits. These not detected compounds were qualified as estimated non-detected, “UJ”. The LCSD recovery (associated samples AOCU-GW05, AOCU-GW08, and AOCU-SW02) for 1-dichloropropene was below QC limits. This compound was qualified as estimated non-detected, “UJ”.

4.2 Semi-Volatile Organic Compounds

No QC deficiencies warranted qualification of the SVOC data.

4.3 Total Petroleum Hydrocarbons

The relative percent difference (RPD) between the sample AOCU-GW35 and its field duplicate was outside project defined control limits for TPH-DRO and was qualified as estimated, “J”, in both samples.

4.4 Target Analyte List Metals

Method blank contamination was present in numerous samples with metals reported above the reporting limit. Where the sample concentration was greater than 10 times the blank concentration, the metal was qualified as estimated, “J”. This included barium in AOCU-GW78, AOCU-GW32, and AOCU-GW15; manganese in AOCU-GW86; and cobalt in AOCU-GW28 and AOCU-GW24-A.

The LCS recovery for chromium was slightly below QC limits in multiple samples. The associated samples with positive results (AOCU-GW84, AOCU-GW86,

AOCU-GW89, AOCU-GW69, AOCU-GW69-A, AOCU-GW68, AOCU-GW71, AOCU-GW72, and AOCU-GW73) were qualified as estimated, “J”.

The LCS recoveries for magnesium and vanadium associated with samples AOCU-GW19, AOCU-GW20, AOCU-GW22, AOCU-GW15, AOCU-GW17, AOCU-GW10, AOCU-GW12, AOCU-GW05, AOCU-GW07, AOCU-GW03, AOCU-GW08, AOCU-GW01, AOCU-GW02, AOCU-SW03, AOCU-SW03-A, AOCU-SW02, and AOCU-SW01 were slightly below QC limits. The associated samples with positive results were qualified as estimated, “J”.

The RPD between the sample AOCU-GW69 and its field duplicate was outside project defined control limits for chromium and was qualified as estimated, “J”, in both samples.

Antimony was qualified as estimated, “J”, in both sample AOCU-GW47 and its duplicate due to exceeding project defined RPD limits.

The RPD between the sample AOCU-GW24 and its field duplicate was outside project defined control limits for arsenic and chromium and qualified estimated, “J”, in both samples.

Chromium, copper, manganese, and nickel yielded RPDs outside project defined control limits for sample AOCU-SW03 and its field duplicate and were qualified as estimated, “J”, in both samples.

4.5 Nitrate

The analysis of nitrate was performed outside required hold time for samples AOCU-GW15, AOCU-GW17, AOCU-GW10, AOCU-GW12, AOCU-GW05, AOCU-GW07, AOCU-GW03, AOCU-GW08, AOCU-GW01, and AOCU-GW02. All results were qualified as estimated, “J”.

4.6 Perchlorate

No QC deficiencies warranted qualification of the perchlorate data. As a result, Tables 3 and 4 do not contain a column for the validating chemist qualifiers (column Q1) for the perchlorate data.

4.7 Total Dissolved Solids

No QC deficiencies warranted qualification of the TDS data.

5.0 GROUNDWATER AND SURFACE WATER SAMPLING RESULTS

This section presents the groundwater and surface water sampling and analysis results from the AOC-U RFI conducted by NationView in February/March 2011.

5.1 Groundwater Analytical Results

Grab groundwater samples were collected from 50 hand augered soil borings located throughout the Lost River Basin (Figure 2). The AOC-U groundwater samples were analyzed for VOCs, SVOCs, TPH, TAL metals, nitrate, perchlorate and TDS. The analytical results for constituents detected above the MDL are presented on Table 3.

5.1.1 Volatile Organic Compounds

Low and estimated concentrations of six VOCs (acetone, benzene, bromomethane, chloromethane, naphthalene, and toluene) were detected above the MDL in 10 groundwater samples (Table 3). Bromomethane was the only VOC detected above the reporting detection limit (RDL) and was detected in one sample (AOCU-GW20) at a concentration of 5.38 µg/L. Additionally each detected VOC was well below its respective USEPA MCL or NMWQCC standard (if applicable).

5.1.2 Semi-Volatile Organic Compounds

Estimated concentrations of six SVOCs were detected in five groundwater samples above the MDL (Table 3). The six detected SVOCs (benzyl alcohol, bis(2-ethylhexyl)phthalate, di-n-butyl phthalate, fluorene, phenanthrene, and pyrene) do not have applicable USEPA MCLs or NMWQCC standards for comparison.

5.1.3 Total Petroleum Hydrocarbons

Low and estimated concentrations of TPH-DRO (C_{10} – C_{22}) and/or ORO (C_{22} – C_{36}) were detected in 20 groundwater samples above the MDL (Table 3). Additionally, TPH-GRO (C_6 – C_{10}) was not detected in any of the AOC-U grab groundwater samples. Five samples (AOCU-GW03, -GW05, -GW07, -GW08, and –GW75) had concentrations of TPH-DRO and/or ORO above the RDL. The maximum concentrations of TPH-DRO (693 µg/L) and ORO (161 µg/L) were detected in samples AOCU-GW75 and –GW03 respectively. Furthermore, the maximum combined TPH-GRO, DRO, and ORO concentration (791.2 µg/L or 0.791 mg/L) is well below the NMED TPH screening guideline for kerosene and jet fuel (15.7 mg/L).

5.1.4 Target Analyte List Metals

A total of 14 TAL metals were detected in groundwater above the MDL. Four of these TAL metals (antimony, arsenic, chromium, and manganese) were also detected above their respective USEPA MCLs and/or NMWQCC groundwater standards (Table 3).

Antimony was detected in 46 samples (42 locations) above the USEPA MCL (6 µg/L) and the HAFB Basewide background Dissolved Groundwater UTL (NationView|Bhate JV III, 2009) for antimony (3.1 µg/L) with concentrations ranging from 0.021B mg/L (AOCU-GW71) to 0.2B mg/L (AOCU-GW47).

Arsenic was detected in 34 samples (31 locations) above the USEPA MCL (10 µg/L) with concentrations ranging from 0.02B mg/L (AOCU-GW69 and –GW82) to 0.13B mg/L (AOCU-GW08). However, arsenic was only detected in two samples (AOCU-GW08 and –GW35 [0.1B mg/L]) at or above the NMWQCC groundwater standard for arsenic (100 µg/L). Additionally, there are eight detections of arsenic above the USEPA MCL that were below the HAFB Basewide Background Dissolved Groundwater UTL (NationView|Bhate JV III, 2009) for arsenic (28.53 µg/L).

Chromium was detected in 16 samples (14 locations) above the NMWQCC groundwater standard (50 µg/L) with concentrations ranging from 0.055B mg/L (AOCU-GW17) to 0.083B mg/L (AOCU-GW47-A), however all of these chromium detections were below the USEPA MCL (100 µg/L). Additionally, there were 37 detections of chromium above the HAFB Basewide background Dissolved Groundwater UTL (NationView|Bhate JV III, 2009) for chromium (2.5 µg/L).

Manganese was detected in 45 samples (40 locations) above the USEPA Secondary MCL (50 µg/L) with concentrations ranging from 0.054B mg/L (AOCU-GW80) to 8.38 mg/L (AOCU-GW54). Forty three samples had detections of manganese above the NMWQCC groundwater standard (200 mg/L) and the HAFB Basewide Background Dissolved Groundwater UTL (NationView|Bhate JV III, 2009) for manganese (118.65 µg/L). Additionally, the most upgradient sample (AOCU-GW100) had a detection of manganese (0.28 mg/L) above the USEPA MCL, NMWQCC standard, and background UTL. Therefore, these detections of manganese most likely represent the natural variability in groundwater geochemistry and are geogenic in nature.

Furthermore, there were scattered detections of five metals (cobalt, copper, nickel, potassium, and sodium) which had detections above background but below their respective regulatory screening criteria. Figures 3 through 5 present the distribution of TAL metals detected in groundwater which exceeded applicable USEPA MCLs and/or NMWQCC groundwater standards within the western, central, and eastern sections of the Lost River Basin.

5.1.5 Nitrate, Perchlorate, and Total Dissolved Solids

Nitrate was detected in each of the 55 AOC-U groundwater samples (50 locations) above the MDL (Table 3). Nitrate concentrations exceeded the USEPA MCL and the NMWQCC groundwater standard (10 mg/L) in 25 samples (21 locations) with concentrations ranging from 13.5 mg/L (AOCU-GW84) to 605 mg/L (AOCU-GW91). In general, the nitrate detections above the regulatory screening criteria were located downgradient of ERP sites SS-39, OT38, OT-37,

DP-62, and OT-04. In addition, nitrate was also detected in groundwater samples which were collected upgradient of all ERP sites. Specifically, nitrate was detected in AOCU-GW80 (5.74 mg/L) and AOCU-GW100 (2.63 mg/L) which are located within the upgradient tributaries of the Lost River within Malone Draw and Ritas Draw respectively. Figures 6 and 7 present the distribution of nitrate detected in groundwater which exceeded the USEPA MCLs and NMWQCC groundwater standards within the western, central, and eastern portions of the Lost River Basin, respectively.

Perchlorate was detected in 44 samples (39 locations) above the MDL. Perchlorate was detected above the USEPA Interim Drinking Water Health Advisory (15 µg/L) (USEPA, 2008) in 8 samples (7 locations) with concentrations ranging from 15 µg/L (AOCU-GW71) to 140 µg/L (AOCU-GW24 and AOCU–GW24-A). The perchlorate detections above the Interim Drinking Water Health Advisory standard were located downgradient of ERP sites SS-39, OT37, DP-62, and OT-04. Additionally, low levels of perchlorate (e.g., AOCU-GW82 [1.0 µg/L]) were detected in upgradient groundwater samples collected in Malone Draw (upgradient tributary of the Lost River). Figures 6 and 7 present the distribution of perchlorate detected in groundwater which exceeded the Interim Drinking Water Health Advisory within the western, central, and eastern portions of the Lost River Basin, respectively.

TDS concentrations for all AOC-U groundwater samples ranged from 21,000 mg/L (AOCU-GW100) to 243,000 mg/L (AOCU-GW07) and exceeded the NMWQCC standard of 1,000 mg/L and the USEPA Secondary Drinking Water Standard (500 mg/L). Additionally, there were 38 samples (35 locations) which had TDS concentrations above the HAFB Total Groundwater UTL of 65,956.58 mg/L (NationView|Bhate JV III, 2009) (Table 3). The average TDS concentration for the 55 groundwater samples collected during this sampling event was 109,798 mg/L which exceeds the NMWQCC groundwater standard for potable water (10,000 mg/L) by 11-fold.

The TDS analysis measures the amount of dissolved minerals in water. TDS is primarily comprised of inorganic salts where the principal constituents are common cations (calcium, magnesium, sodium, potassium, and iron) and anions (carbonate, chloride, sulfate, and nitrate) which are found in high concentrations throughout the Tularosa Basin (McLean, 1970). Groundwater with average TDS concentrations greater than 35,000 mg/L is characterized as seawater according to the U.S. Bureau of Reclamation (USBOR) (USBOR, 2003).
Furthermore, USEPA guidelines (USEPA, 1986) have identified groundwater exceeding 10,000 mg/L as a Class IIIB water resource. Therefore, due to the high average TDS (109,798 mg/L) in the AOC-U groundwater, it is not a potential source of drinking water or of any beneficial human use. Figures 3 through 5 present the spatial distribution of TDS detected in the groundwater within the western, central and eastern sections of the Lost River Basin. As shown on Figure 5 the lowest TDS concentrations were detected in the upgradient tributaries of the Lost River within Malone Draw (e.g., AOCU-GW82 [21,200

mg/L]) and Ritas Draw (e.g., AOCU-GW100 [21,000 mg/L]). Conversely, the highest concentrations of TDS were detected within the distal end of the Lost River within the Lost River Basin (Figure 3). The maximum concentrations of TDS were located adjacent to the Causeway (e.g., AOCU-GW07 [243,000 mg/L]). This trend clearly illustrates that TDS concentrations significantly increase as the Lost River flows from Malone and Ritas Draws downgradient (east to west) into the Lost River Basin.

5.2 Surface Water Analytical Results

Three grab surface water samples were collected from three reaches of the Lost River, where flowing water was encountered on March 6, 2011 (Figure 8). The AOC-U surface water samples were analyzed for VOCs, SVOCs, TPH, TAL metals, nitrate, perchlorate, TDS, pH, and hardness. The analytical results for constituents detected above the MDL are presented on Table 4.

5.2.1 Organic Compounds

One VOC (acetone) was detected above the MDL (Table 4). A low estimated concentration of acetone (5.38 J µg/L) was detected in surface water sample AOCU-SW02; additionally there are no applicable surface water screening levels for acetone. No other VOCs were detected during this sampling event. SVOC compounds were not detected in any of the AOC-U grab surface water samples collected during the 2011 RFI surface water sampling event (Table 4).

5.2.2 Total Petroleum Hydrocarbons

Low and estimated concentrations of TPH-DRO (C_{10} – C_{22}) and/or ORO (C_{22} – C_{36}) were detected in 3 surface water samples above the MDL (Table 4). Additionally, TPH-GRO (C_6 – C_{10}) was not detected in any of the AOC-U grab surface water samples. Three samples (AOCU-SW01, -SW02, and –SW03-A) had concentrations of TPH-DRO and/or ORO above the MDL. The maximum concentrations of TPH-DRO (680 µg/L) and ORO (1,150 µg/L) were detected in sample AOCU-SW02. Furthermore, there is no applicable TPH surface water screening guidelines (NMWQCC or USEPA). However, the maximum combined TPH-GRO, DRO, and ORO concentration (1,830 µg/L or 1.83 mg/L) which was detected in sample AOCU-SW02 is well below the NMED TPH groundwater screening guideline for kerosene and jet fuel (15.7 mg/L).

5.2.3 TAL Metals

A total of 11 TAL metals were detected in surface water above the MDL. Two of these TAL metals (antimony and manganese) were also detected above their respective USEPA (USEPA, 2009) and/or NMWQCC (NMAC 20.6.4) surface water quality standards (Table 4). Antimony was detected in 4 samples (3 locations) above the USEPA and the NMWQCC surface water standards for antimony (5.6 µg/L) with concentrations ranging from 0.027B mg/L (AOCU-

SW02) to 0.033B mg/L (AOCU-SW03-A). Manganese was detected in 2 samples (2 locations) above the USEPA surface water standard (50 µg/L) with concentrations of 0.08 mg/L (AOCU-SW03) and 0.16 mg/L (AOCU-SW02). Figure 8 presents the distribution of TAL metals detected in surface water which exceeded the applicable USEPA and/or NMWQCC surface water quality standards throughout the entire Lost River Basin.

Additionally, the most upgradient surface water samples within AOC-U (SW03 and –SW03-A [duplicate]) had detections of antimony (0.033B mg/L) and manganese (0.08 mg/L) above the USEPA and NMWQCC surface water quality standards. As illustrated in Figure 8, this sampling location is approximately 830 ft upgradient of the nearest ERP site (OT-04). Therefore, these detections of antimony and manganese most likely represent the natural variability in surface water geochemistry and are geogenic in nature.

5.2.4 Nitrate and Perchlorate

Nitrate was detected in each of the 4 AOC-U surface water samples (3 locations) above the MDL (Table 4) with concentrations ranging from 0.628 mg/L (AOCU-SW02 to 6.59 mg/L (AOCU-SW01 [downgradient location]). Each of these nitrate detections was below the USEPA and the NMWQCC surface water standard (10 mg/L). The maximum concentration of nitrate (6.59 mg/L) was detected in the surface water sample AOCU-SW01 which was collected at the mouth of the Lost River Basin downgradient from ERP site OT-37 (Figure 8).

Perchlorate was also detected in the 4 surface water samples (3 locations) above the MDL (Table 4) with concentrations ranging from 0.29 µg/L (AOCU-SW03-A [upgradient location]) to 10 µg/L (AOCU-SW01 [downgradient location]). Each of these perchlorate detections was below the USEPA Interim Drinking Water Health Advisory (15 µg/L) (USEPA, 2008). The maximum concentration of perchlorate (10 µg/L) was also detected in the surface water sample AOCU-SW01 which was collected at the mouth of the Lost River Basin downgradient from ERP site OT-37 (Figure 8).

5.2.5 Water Quality Parameters

The water quality parameters for the surface water samples collected during the AOC-U RFI included TDS, pH, and hardness (including calcium and magnesium analyses).

5.2.5.1 Total Dissolved Solids and pH

The TDS analysis measures the amount of dissolved minerals in water. TDS is primarily comprised of inorganic salts where the principal constituents are common cations (calcium, magnesium, sodium, potassium, and iron) and anions (carbonate, chloride, sulfate, and nitrate) which are found in high concentrations throughout the Tularosa Basin (McLean, 1970).

TDS concentrations ranged from 20,400 mg/L (AOCU-SW03 [upgradient location]) to 57,600 mg/L (AOCU-SW02) and exceeded the USEPA surface water standard of 250 mg/L (Table 4) in each sample. The average TDS concentration for the three surface water samples (excluding the duplicate) collected during this event was 42,667 mg/L which also exceeds USEPA surface water standard. Additionally, there are no applicable NMWQCC surface water standards for TDS in surface water. Saline water with a concentration of 35,000 mg/L or greater is characterized as seawater (USBOR, 2003). Potential of hydrogen (pH) ranged from 7.66 (AOCU-SW03) to 8.3 standard units (AOCU-SW02) (Table 4) and were within the USEPA limits established for fresh water (5 – 9). Figure 8 presents the distribution of TDS detected in the four Lost River surface water samples.

5.2.5.2 Hardness

AOC-U surface water samples were sampled for hardness (including calcium and magnesium) by USEPA SM 2340B. Hardness concentrations ranged from 8,030 mg/L (AOCU-SW03 [upgradient location]) to 15,100 mg/L (AOCU-SW01 [downgradient location]). The average hardness concentration for the surface water samples collected during this event (excluding the duplicate sample) was 12,477 mg/L. Additionally, the detected ranges of concentrations for calcium and magnesium were 829 mg/L to 1,150 mg/L and 1,420 mg/L to 2,980 mg/L, respectively. There are no standards for water hardness, calcium, or magnesium. However, water hardness above 180 mg/L is classified as very hard by the U.S. Department Interior (United States Geological Survey [USGS], 2009).

6.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations primarily focus on nitrate and perchlorate groundwater data gathered during the AOC-U RFI sampling event conducted in February and March 2011.

6.1 Conclusions

Elevated concentrations of nitrate and/or perchlorate were detected above their applicable regulatory action level screening criteria in 25 groundwater samples (21 locations) out of 55 groundwater samples (50 locations) collected during the AOC-U RFI groundwater sampling event (February/March 2011). Nitrate concentrations exceeded the USEPA MCL and the NMWQCC groundwater standard (10 mg/L) in 25 samples and perchlorate was detected above the USEPA Interim Drinking Water Health Advisory (15 µg/L) in eight samples (Table 3). Additionally, there were eight samples (7 locations [AOCU-GW20, -GW22, -GW24, -GW26, -GW56, -GW71, and –GW91]) which had detections of both nitrate and perchlorate above action levels. The nitrate and perchlorate detections above the action levels were located downgradient of ERP sites SS-39, OT38, OT-37, DP-62, and OT-04 (Figures 6 and 7). In general, each of

these sites either utilized solid rocket fuel for launching missiles (or test sleds) or served as disposal areas from the late 1940s through the early 1960s. Typically solid rocket fuel components contain potassium perchlorate and/or ammonium nitrate.

6.2 Recommendations

Data from the recent OT-37 (Early Missile Test Site) Accelerated Corrective Measures (ACM) Addendum investigation, indicated that there was little to no correlation between elevated concentrations of nitrate and perchlorate detected in groundwater samples to the concentrations of nitrate and perchlorate detected in surface and subsurface soil samples collected from the same corresponding monitoring well locations (NationView, 2011). Specifically, nitrate concentrations exceeded the USEPA MCL and the NMWQCC groundwater standard in 17 of the 18 OT-37 groundwater samples and perchlorate was detected above the Interim Drinking Water Health Advisory standard (15 µg/L) in one OT-37 groundwater sample (NationView, 2011). Conversely, although nitrate was detected in low concentrations in each of the 38 OT-37 ACM Addendum soil samples (ranging from 1.1 milligrams per kilogram [mg/kg] to 121 mg/kg); these detections were well below the NMED SSL (125,000 mg/kg). Furthermore, perchlorate was detected in only 3 out of 38 soil samples (ranging from 40.9 micrograms per kilogram [µg/kg] to 53.2 µg/kg) and is also well below the NMED SSL (54.8 mg/kg).

Based on a comparison between the OT-37 groundwater and soil data and the AOC-U groundwater data, the soil sampling phase of the AOC-U RFI will be modified to collect subsurface soil samples at the same 21 locations where nitrate and perchlorate were detected above their respective regulatory groundwater screening criteria (action levels). The subsurface soil samples will be collected in accordance with the *Final RFI Work Plan AOC-U, Lost River Basin, HAFB, NM* (NationView, 2009) at the 21 locations shown on Figures 6 and 7. A total of 28 soil samples (including three duplicates and two matrix spike [MS] and two matrix spike duplicate [MSD] samples) will be collected and analyzed by the offsite laboratory for VOCs, SVOCs, TPH (DRO/GRO/ORO), TAL metals, nitrate, and perchlorate. Additionally, a second groundwater sample will be collected at AOCU-GW91 to verify the initial elevated nitrate detection (605 mg/L).

Upon receipt of the AOC-U soil data, NationView will prepare and submit Draft and Final AOC-U RFI reports for review by the HAFB 49 CES/CEAN, the USACE Albuquerque District, and the NMED Hazardous Waste Bureau. The AOC-U Report will also include an ecological risk assessment to evaluate the surface water exposure pathways for non-human receptors.

7.0 REFERENCES

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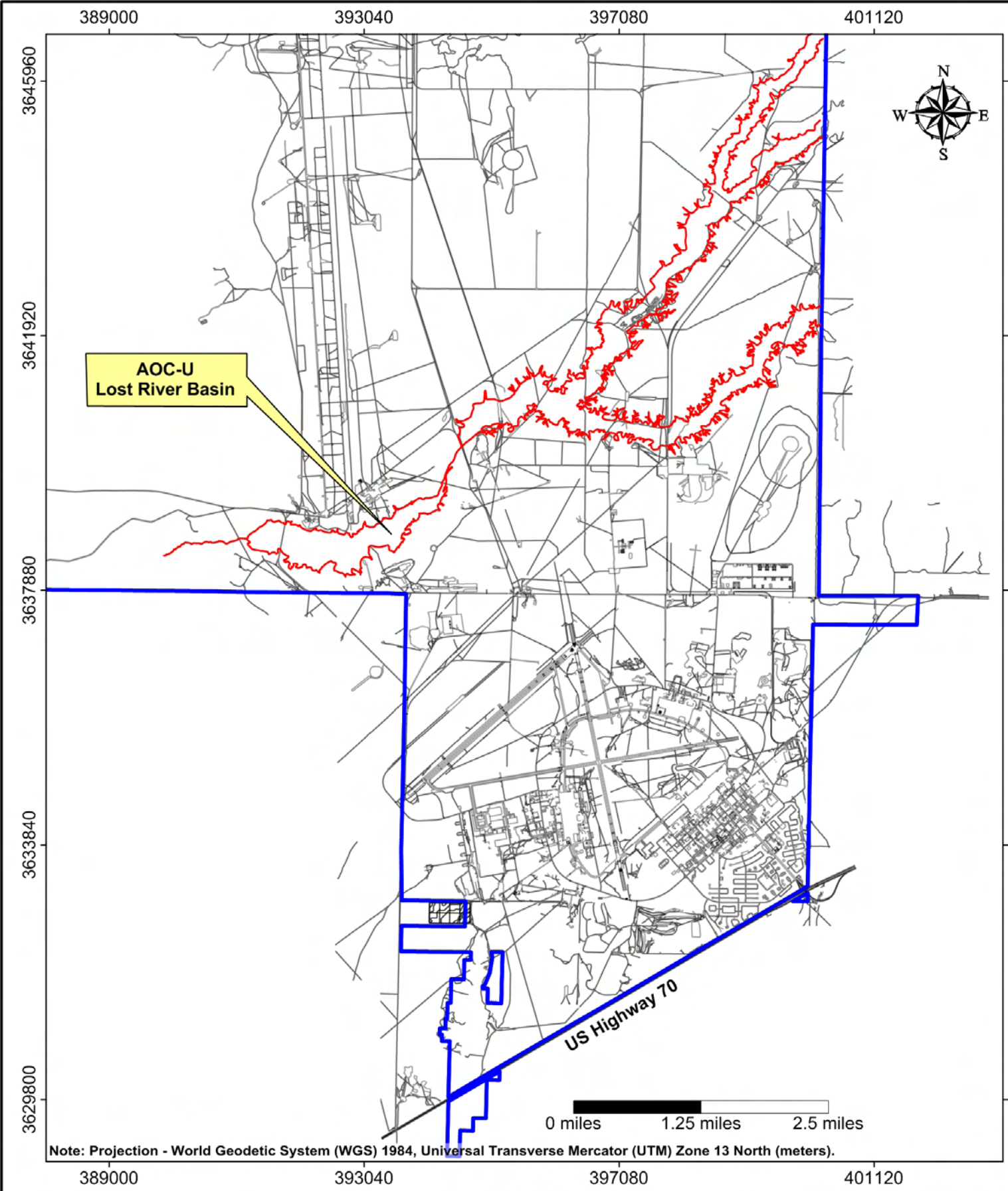
FIGURES



NATIONVIEW

AOC-U
Site Location Map

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090006	1" = 1.25 miles	5/05/2011	dtm
			DRAWING NO. Fig. 1

AOC-U
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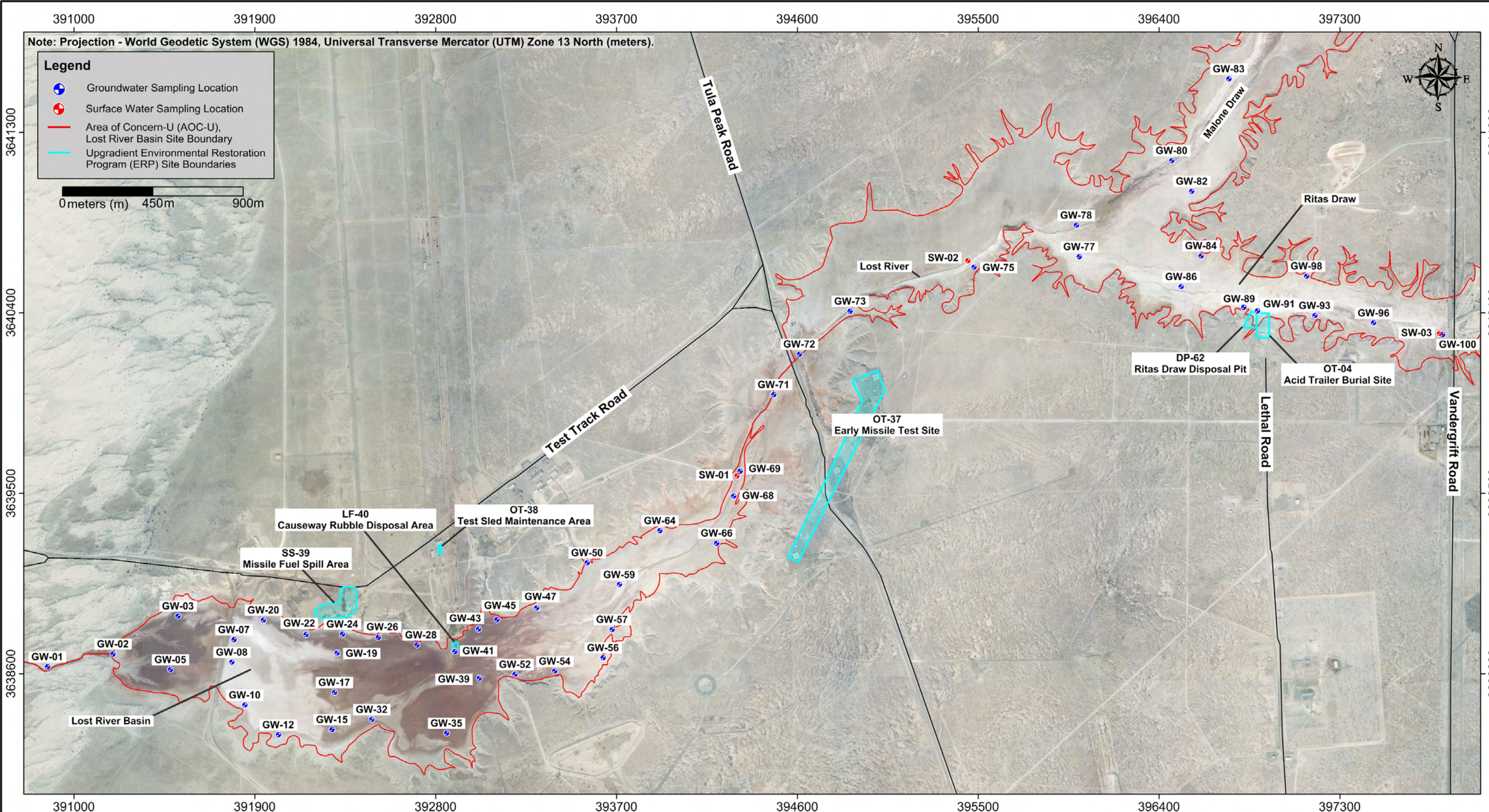
Holloman Air Force Base, New Mexico

Figure 1



NATIONVIEW

AOC-U
RFI Groundwater and Surface Water Sampling Locations

PROJECT NO.	SCALE	DATE	DRAWN BY:
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			DRAWING NO: Fig. 2

AOC-U
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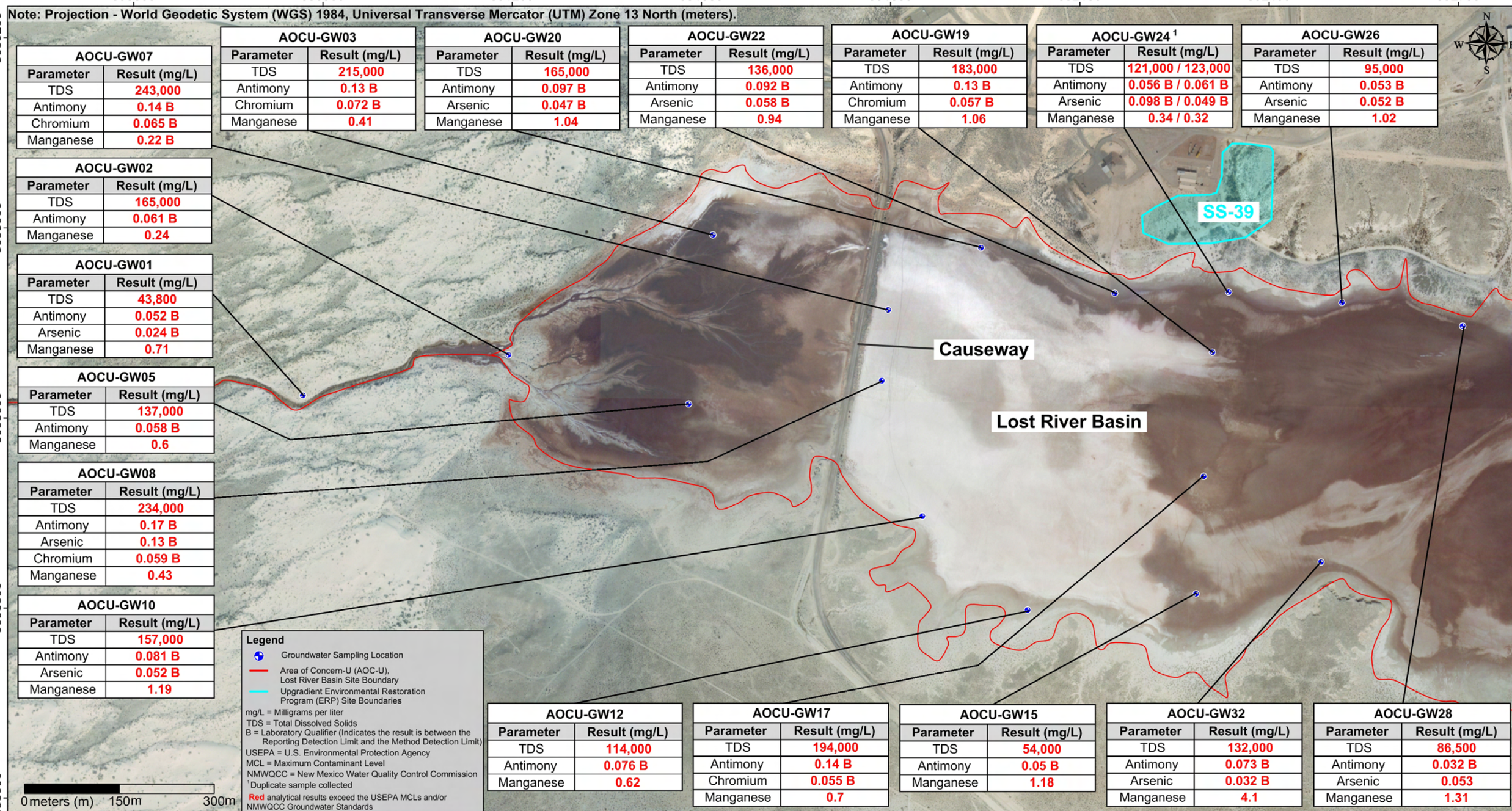
Figure 2

Note: Projection - World Geodetic System (WGS) 1984, Universal Transverse Mercator (UTM) Zone 13 North (meters).

390600 390900 391200 391500 391800 392100 392400 392700

3639200 3638900 3638600 3638300 3638000



AOCU-GW07	
Parameter	Result (mg/L)
TDS	243,000
Antimony	0.14 B
Chromium	0.065 B
Manganese	0.22 B

AOCU-GW03	
Parameter	Result (mg/L)
TDS	215,000
Antimony	0.13 B
Chromium	0.072 B
Manganese	0.41

AOCU-GW20	
Parameter	Result (mg/L)
TDS	165,000
Antimony	0.097 B
Arsenic	0.047 B
Manganese	1.04

AOCU-GW22	
Parameter	Result (mg/L)
TDS	136,000
Antimony	0.092 B
Arsenic	0.058 B
Manganese	0.94

AOCU-GW19	
Parameter	Result (mg/L)
TDS	183,000
Antimony	0.13 B
Chromium	0.057 B
Manganese	1.06

AOCU-GW24 [1]	
Parameter	Result (mg/L)
TDS	121,000 / 123,000
Antimony	0.056 B / 0.061 B
Arsenic	0.098 B / 0.049 B
Manganese	0.34 / 0.32

AOCU-GW26	
Parameter	Result (mg/L)
TDS	95,000
Antimony	0.053 B
Arsenic	0.052 B
Manganese	1.02

AOCU-GW02	
Parameter	Result (mg/L)
TDS	165,000
Antimony	0.061 B
Manganese	0.24

AOCU-GW01	
Parameter	Result (mg/L)
TDS	43,800
Antimony	0.052 B
Arsenic	0.024 B
Manganese	0.71

AOCU-GW05	
Parameter	Result (mg/L)
TDS	137,000
Antimony	0.058 B
Manganese	0.6

AOCU-GW08	
Parameter	Result (mg/L)
TDS	234,000
Antimony	0.17 B
Arsenic	0.13 B
Chromium	0.059 B
Manganese	0.43

AOCU-GW10	
Parameter	Result (mg/L)
TDS	157,000
Antimony	0.081 B
Arsenic	0.052 B
Manganese	1.19

Legend

- Groundwater Sampling Location
- Area of Concern-U (AOC-U), Lost River Basin Site Boundary
- Upgradient Environmental Restoration Program (ERP) Site Boundaries

mg/L = Milligrams per liter
TDS = Total Dissolved Solids
B = Laboratory Qualifier (Indicates the result is between the Reporting Detection Limit and the Method Detection Limit)
USEPA = U.S. Environmental Protection Agency
MCL = Maximum Contaminant Level
NMWQCC = New Mexico Water Quality Control Commission
[1] Duplicate sample collected
Red analytical results exceed the USEPA MCLs and/or NMWQCC Groundwater Standards

0 meters (m) 150m 300m

AOCU-GW12	
Parameter	Result (mg/L)
TDS	114,000
Antimony	0.076 B
Manganese	0.62

AOCU-GW17	
Parameter	Result (mg/L)
TDS	194,000
Antimony	0.14 B
Chromium	0.055 B
Manganese	0.7

AOCU-GW15	
Parameter	Result (mg/L)
TDS	54,000
Antimony	0.05 B
Manganese	1.18

AOCU-GW32	
Parameter	Result (mg/L)
TDS	132,000
Antimony	0.073 B
Arsenic	0.032 B
Manganese	4.1

AOCU-GW28	
Parameter	Result (mg/L)
TDS	86,500
Antimony	0.032 B
Arsenic	0.053
Manganese	1.31

390600 390900 391200 391500 391800 392100 392400 392700

3638000

NATIONVIEW

AOC-U (Western Lost River Basin)
RFI TAL Metals and TDS Groundwater Analytical Results Above Action Levels (February/ March 2011)

PROJECT NO.	SCALE	DATE	DRAWN BY:
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			DRAWING NO: Fig. 3

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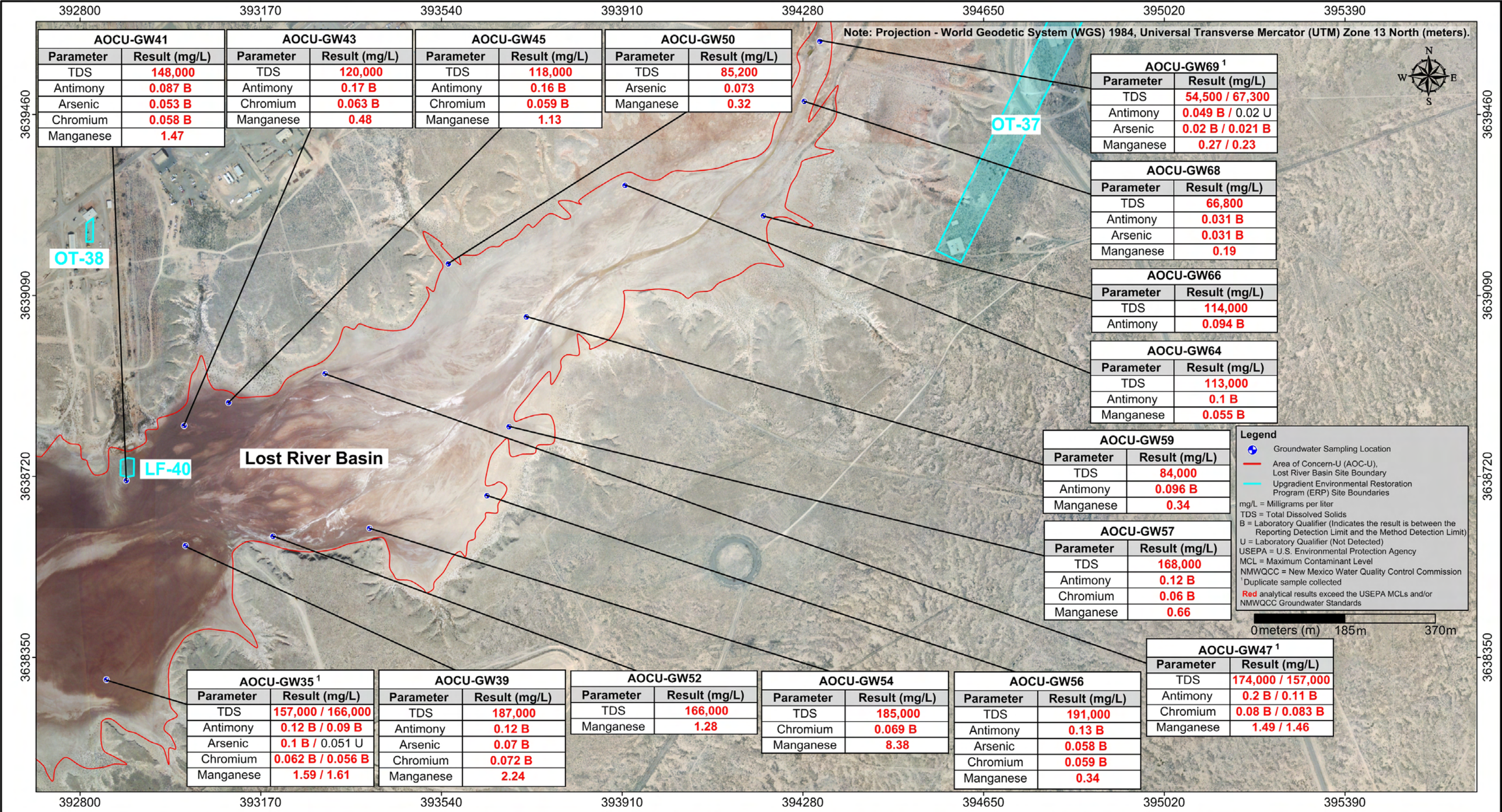
Figure 3



AOCU-GW41	
Parameter	Result (mg/L)
TDS	148,000
Antimony	0.087 B
Arsenic	0.053 B
Chromium	0.058 B
Manganese	1.47

AOCU-GW43	
Parameter	Result (mg/L)
TDS	120,000
Antimony	0.17 B
Chromium	0.063 B
Manganese	0.48

AOCU-GW45	
Parameter	Result (mg/L)
TDS	118,000
Antimony	0.16 B
Chromium	0.059 B
Manganese	1.13

AOCU-GW50	
Parameter	Result (mg/L)
TDS	85,200
Arsenic	0.073
Manganese	0.32

AOCU-GW69 [1]	
Parameter	Result (mg/L)
TDS	54,500 / 67,300
Antimony	0.049 B / 0.02 U
Arsenic	0.02 B / 0.021 B
Manganese	0.27 / 0.23

AOCU-GW68	
Parameter	Result (mg/L)
TDS	66,800
Antimony	0.031 B
Arsenic	0.031 B
Manganese	0.19

AOCU-GW66	
Parameter	Result (mg/L)
TDS	114,000
Antimony	0.094 B

AOCU-GW64	
Parameter	Result (mg/L)
TDS	113,000
Antimony	0.1 B
Manganese	0.055 B

AOCU-GW59	
Parameter	Result (mg/L)
TDS	84,000
Antimony	0.096 B
Manganese	0.34

AOCU-GW57	
Parameter	Result (mg/L)
TDS	168,000
Antimony	0.12 B
Chromium	0.06 B
Manganese	0.66

AOCU-GW47 [1]	
Parameter	Result (mg/L)
TDS	174,000 / 157,000
Antimony	0.2 B / 0.11 B
Chromium	0.08 B / 0.083 B
Manganese	1.49 / 1.46

AOCU-GW35 [1]	
Parameter	Result (mg/L)
TDS	157,000 / 166,000
Antimony	0.12 B / 0.09 B
Arsenic	0.1 B / 0.051 U
Chromium	0.062 B / 0.056 B
Manganese	1.59 / 1.61

AOCU-GW39	
Parameter	Result (mg/L)
TDS	187,000
Antimony	0.12 B
Arsenic	0.07 B
Chromium	0.072 B
Manganese	2.24

AOCU-GW52	
Parameter	Result (mg/L)
TDS	166,000
Manganese	1.28

AOCU-GW54	
Parameter	Result (mg/L)
TDS	185,000
Chromium	0.069 B
Manganese	8.38

AOCU-GW56	
Parameter	Result (mg/L)
TDS	191,000
Antimony	0.13 B
Arsenic	0.058 B
Chromium	0.059 B
Manganese	0.34

NATIONVIEW

AOC-U (Central Lost River Basin)
RFI TAL Metals and TDS Groundwater Analytical Results
Above Action Levels (February/ March 2011)

PROJECT NO.	SCALE	DATE	DRAWN BY:
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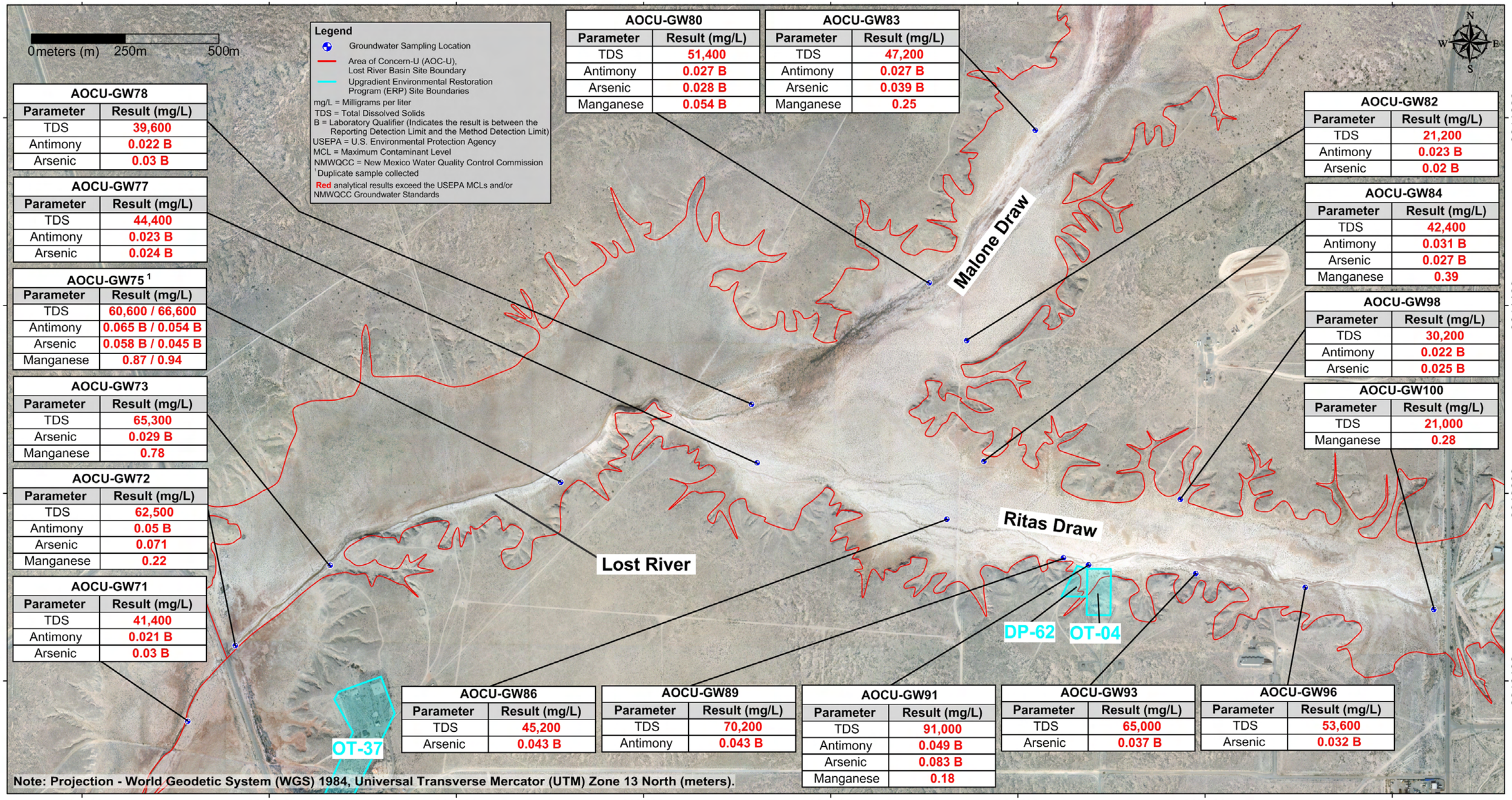
			DRAWING NO: Fig. 4

AOC-U
Technical Memorandum
Holloman Air Force Base, New Mexico

Figure 4



AOCU-GW78	
Parameter	Result (mg/L)
TDS	39,600
Antimony	0.022 B
Arsenic	0.03 B

AOCU-GW77	
Parameter	Result (mg/L)
TDS	44,400
Antimony	0.023 B
Arsenic	0.024 B

AOCU-GW75 [1]	
Parameter	Result (mg/L)
TDS	60,600 / 66,600
Antimony	0.065 B / 0.054 B
Arsenic	0.058 B / 0.045 B
Manganese	0.87 / 0.94

AOCU-GW73	
Parameter	Result (mg/L)
TDS	65,300
Arsenic	0.029 B
Manganese	0.78

AOCU-GW72	
Parameter	Result (mg/L)
TDS	62,500
Antimony	0.05 B
Arsenic	0.071
Manganese	0.22

AOCU-GW71	
Parameter	Result (mg/L)
TDS	41,400
Antimony	0.021 B
Arsenic	0.03 B

AOCU-GW80	
Parameter	Result (mg/L)
TDS	51,400
Antimony	0.027 B
Arsenic	0.028 B
Manganese	0.054 B

AOCU-GW83	
Parameter	Result (mg/L)
TDS	47,200
Antimony	0.027 B
Arsenic	0.039 B
Manganese	0.25

AOCU-GW82	
Parameter	Result (mg/L)
TDS	21,200
Antimony	0.023 B
Arsenic	0.02 B

AOCU-GW84	
Parameter	Result (mg/L)
TDS	42,400
Antimony	0.031 B
Arsenic	0.027 B
Manganese	0.39

AOCU-GW98	
Parameter	Result (mg/L)
TDS	30,200
Antimony	0.022 B
Arsenic	0.025 B

AOCU-GW100	
Parameter	Result (mg/L)
TDS	21,000
Manganese	0.28

AOCU-GW86	
Parameter	Result (mg/L)
TDS	45,200
Arsenic	0.043 B

AOCU-GW89	
Parameter	Result (mg/L)
TDS	70,200
Antimony	0.043 B

AOCU-GW91	
Parameter	Result (mg/L)
TDS	91,000
Antimony	0.049 B
Arsenic	0.083 B
Manganese	0.18

AOCU-GW93	
Parameter	Result (mg/L)
TDS	65,000
Arsenic	0.037 B

AOCU-GW96	
Parameter	Result (mg/L)
TDS	53,600
Arsenic	0.032 B

Note: Projection - World Geodetic System (WGS) 1984, Universal Transverse Mercator (UTM) Zone 13 North (meters).

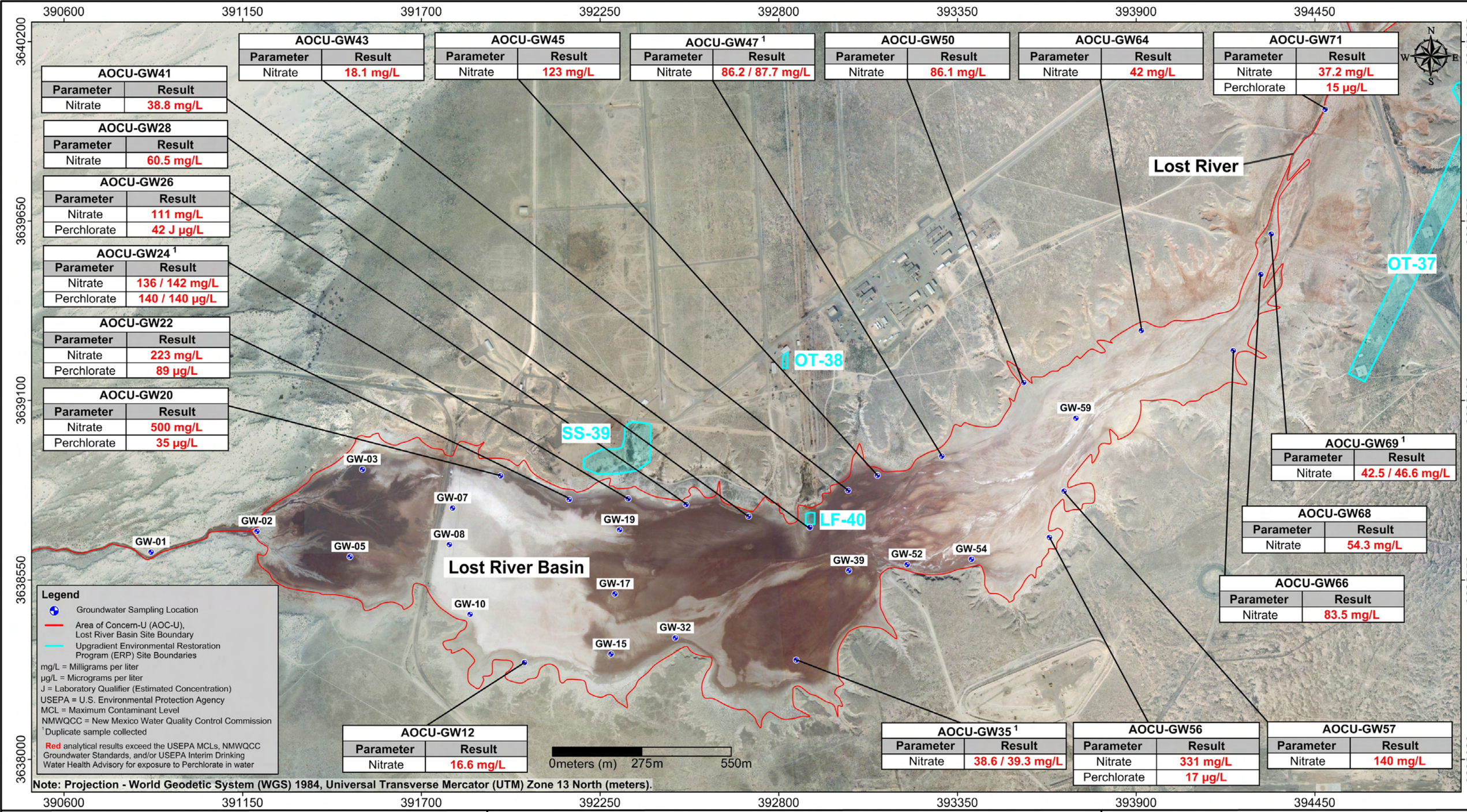
NATIONVIEW

AOC-U (Eastern Lost River Basin)
RFI TAL Metals and TDS Groundwater Analytical Results Above Action Levels (February/ March 2011)

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090006	1" = 250 meters	5/05/2011	dtm
			DRAWING NO: Fig. 5

AOC-U
Technical Memorandum
Holloman Air Force Base, New Mexico

Figure 5



NATIONVIEW

AOC-U (Western and Central Lost River Basin)
RFI Nitrate and Perchlorate Groundwater Analytical Results Above Action Levels (February/ March 2011)

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090006	1" = 275 meters	5/05/2011	dtm
			DRAWING NO: Fig. 6

AOC-U
Technical Memorandum
Holloman Air Force Base, New Mexico

Figure 6

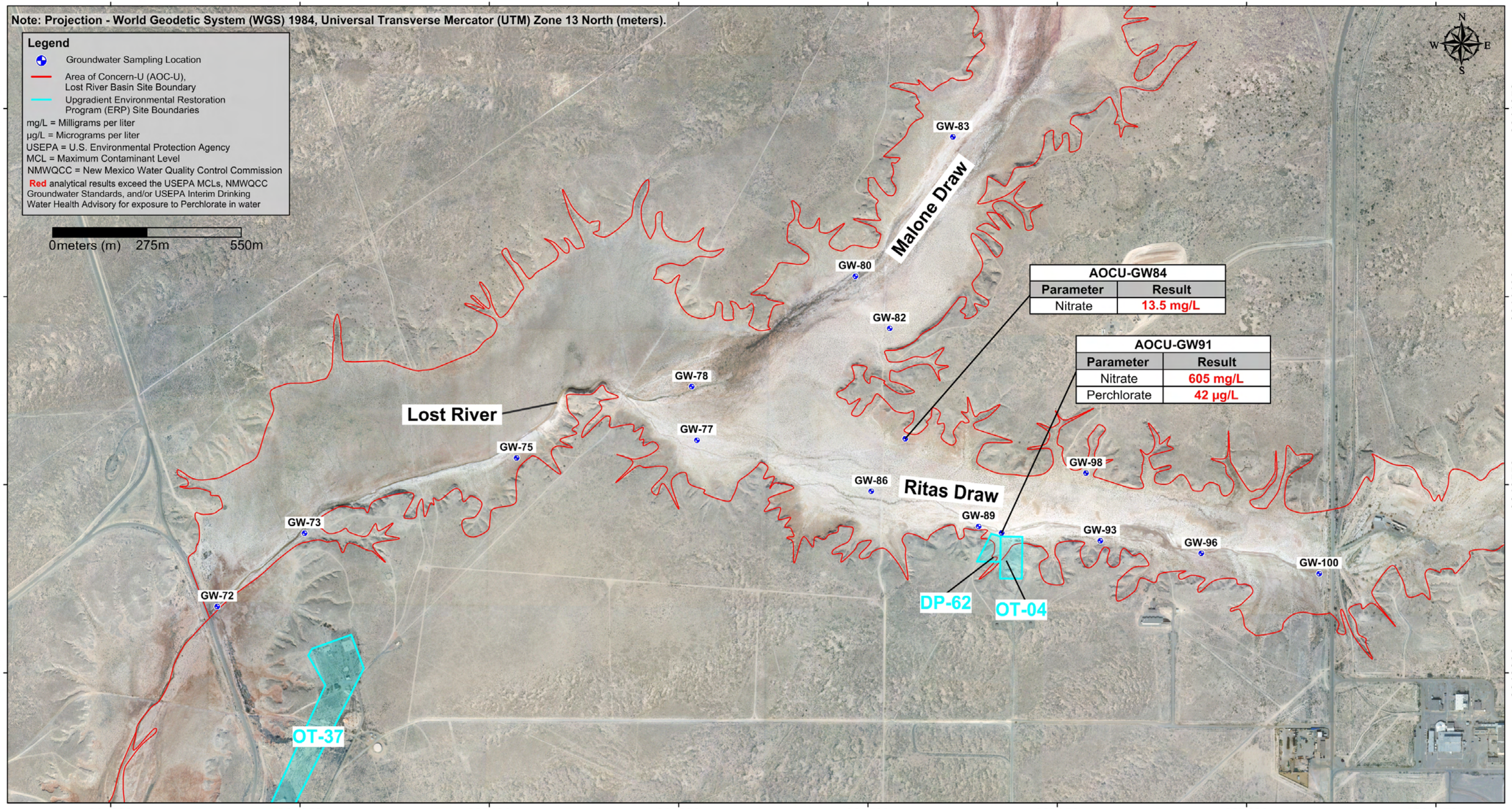
Note: Projection - World Geodetic System (WGS) 1984, Universal Transverse Mercator (UTM) Zone 13 North (meters).

Legend

- Groundwater Sampling Location
- Area of Concern-U (AOC-U), Lost River Basin Site Boundary
- Upgradient Environmental Restoration Program (ERP) Site Boundaries

mg/L = Milligrams per liter
µg/L = Micrograms per liter
USEPA = U.S. Environmental Protection Agency
MCL = Maximum Contaminant Level
NMWQCC = New Mexico Water Quality Control Commission
Red analytical results exceed the USEPA MCLs, NMWQCC Groundwater Standards, and/or USEPA Interim Drinking Water Health Advisory for exposure to Perchlorate in water

0meters (m) 275m 550m



AOCU-GW84	
Parameter	Result
Nitrate	13.5 mg/L

AOCU-GW91	
Parameter	Result
Nitrate	605 mg/L
Perchlorate	42 µg/L

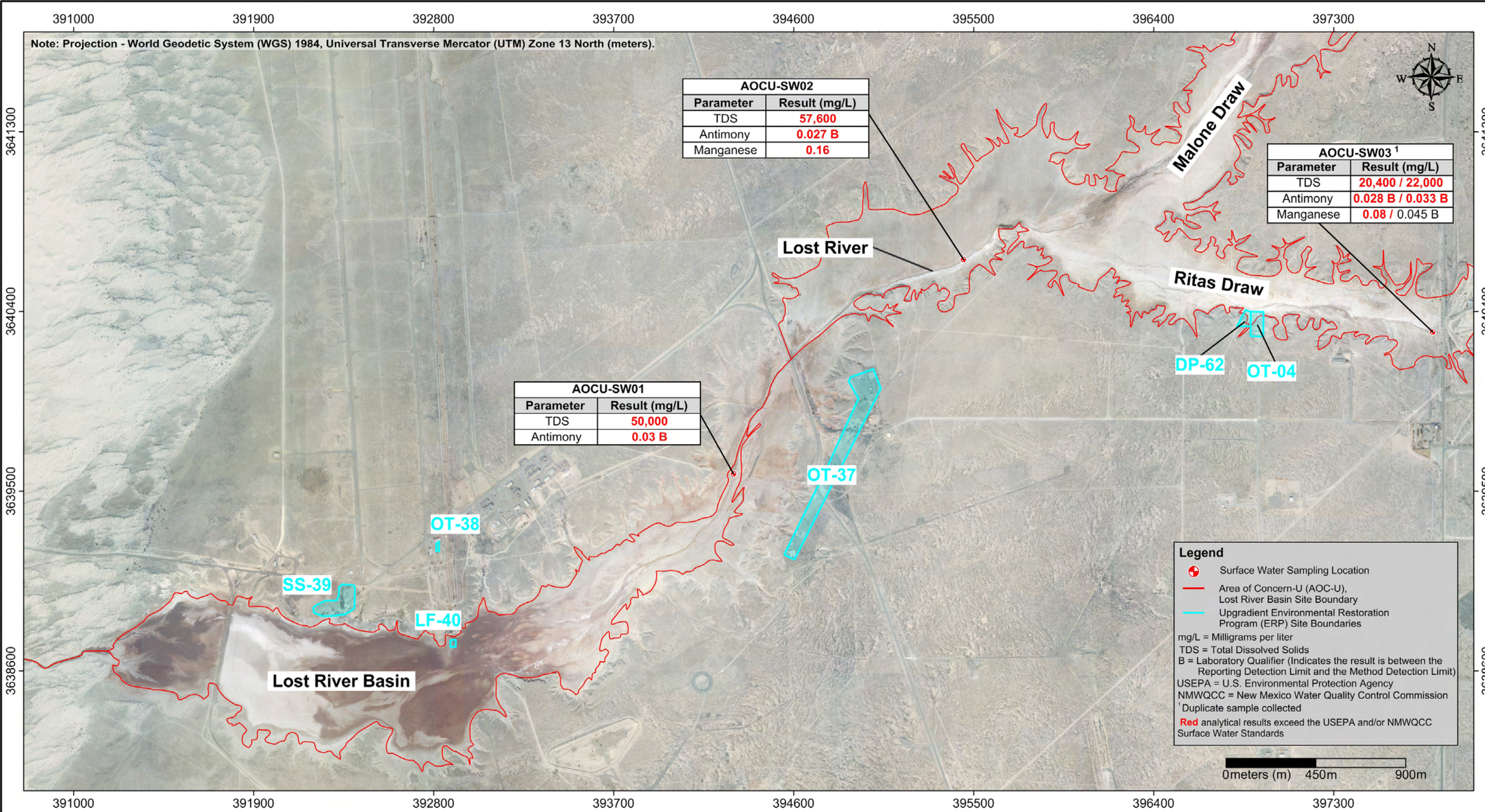
NATIONVIEW

AOC-U (Eastern Lost River Basin)
RFI Nitrate and Perchlorate Groundwater Analytical Results Above Action Levels (February/ March 2011)

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090006	1" = 275 meters	5/05/2011	dtm
			DRAWING NO: Fig. 7

AOC-U
Technical Memorandum
Holloman Air Force Base, New Mexico

Figure 7



NATIONVIEW

AOC-U
RFI Surface Water Analytical Results Above Action Levels (March 2011)

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090006	1" = 450 meters	5/05/2011	dtm
			DRAWING NO: Fig. 8

AOC-U
Technical Memorandum
Holloman Air Force Base, New Mexico

Figure 8

TABLES

Table 1
Survey Data and Depth to Groundwater Summary (February/March 2011)
AOC-U Technical Memorandum
Holloman AFB, New Mexico

Grab Groundwater & Surface Water Sample Location	Upgradient ERP Site	Northing (UTM Zone 13 N [m])	Easting (UTM Zone 13 N [m])	Total Borehole Depth (ft)	Approximate DTW (ft) from Ground Surface
AOCU-GW01	NA	3638636	390868	5.0	1.5
AOCU-GW02	NA	3638700	391194	6.0	1.0
AOCU-GW03	NA	3638889	391518	8.0	2.0
AOCU-GW05	NA	3638622	391480	7.5	3.5
AOCU-GW07	NA	3638771	391796	11.0	8.0
AOCU-GW08	NA	3638659	391786	13.0	2.0
AOCU-GW10	NA	3638445	391850	6.0	2.0
AOCU-GW12	NA	3638297	392017	6.0	2.0
AOCU-GW15	NA	3638323	392284	10.0	5.0
AOCU-GW17	NA	3638508	392296	13.0	12.5
AOCU-GW19	SS-39	3638704	392310	12.0	7.0
AOCU-GW20	SS-39	3638869	391943	8.0	4.0
AOCU-GW22	SS-39	3638797	392155	8.0	2.0
AOCU-GW24	SS-39	3638799	392336	6.0	2.0
AOCU-GW26	SS-39	3638782	392515	6.0	2.0
AOCU-GW28	OT-38	3638745	392707	5.0	1.5
AOCU-GW32	NA	3638373	392482	9.5	4.0
AOCU-GW35	NA	3638305	392854	9.0	4.0
AOCU-GW39	LF-40	3638579	393016	9.0	4.0
AOCU-GW41	OT-38/LF-40	3638712	392895	9.0	4.0
AOCU-GW43	OT-38	3638824	393013	10.8	6.0
AOCU-GW45	OT-38	3638871	393104	6.0	2.5
AOCU-GW47	NA	3638930	393302	7.0	2.0
AOCU-GW50	NA	3639155	393554	8.0	3.0
AOCU-GW52	NA	3638598	393195	9.0	5.0
AOCU-GW54	NA	3638614	393393	6.0	3.0
AOCU-GW56	NA	3638681	393633	6.0	3.0
AOCU-GW57	NA	3638822	393678	6.0	2.5
AOCU-GW59	NA	3639046	393714	6.0	2.0
AOCU-GW64	NA	3639315	393916	8.0	2.0
AOCU-GW66	OT-37	3639253	394199	7.0	2.0
AOCU-GW68	OT-37	3639487	394283	7.0	4.0
AOCU-GW69	OT-37	3639610	394315	4.5	2.5
AOCU-GW71	OT-37	3639993	394482	5.5	2.5
AOCU-GW72	OT-37	3640195	394610	6.0	2.5
AOCU-GW73	OT-37	3640409	394863	9.0	6.0
AOCU-GW75	NA	3640629	395479	9.0	4.5
AOCU-GW77	NA	3640681	396003	8.5	3.5
AOCU-GW78	NA	3640837	395988	8.5	4.0
AOCU-GW80	NA	3641160	396463	8.5	2.5
AOCU-GW82	NA	3641007	396563	9.0	2.8
AOCU-GW83	NA	3641567	396747	7.8	2.8
AOCU-GW84	NA	3640685	396609	12.0	11.0
AOCU-GW86	NA	3640531	396510	9.0	3.5
AOCU-GW89	OT-04/DP-62	3640429	396822	7.5	4.5
AOCU-GW91	OT-04/DP-62	3640410	396889	9.0	4.0
AOCU-GW93	NA	3640387	397175	6.5	2.5
AOCU-GW96	NA	3640350	397468	7.0	1.5
AOCU-GW98	NA	3640584	397134	9.0	6.0
AOCU-GW100	NA	3640291	397811	6.5	2.0
AOCU-SW01	OT-37	3639588	394299	NA	NA
AOCU-SW02	NA	3640660	395448	NA	NA
AOCU-SW03	NA	3640297	397795	NA	NA

Notes:
ERP = Environmental Restoration Program
UTM = Universal Transverse Mercator coordinate system
m = meters
DTW = Depth to Water
ft = feet
AOCU = Area of Concern U (Lost River Basin)
GW = Groundwater sample
SW = Surface water sample
NA = Not Applicable

ERP Sites:
SS-39 = Missile Fuel Spill Area
OT-38 = Test Sled Maintenance Area
LF-40 = Causeway Rubble Disposal Site
OT-37 = Early Missile Test Site
OT-04 = Acid Trailer Burial Site
DP-62 = Ritas Draw Disposal Pit

Table 2
Sampling and Analysis Summary (February/March 2011)
AOC-U Technical Memorandum
Holloman Air Force Base, New Mexico

Sample Identification	Collection Date	TDS (USEPA Method 2540C)	VOCs (USEPA SW846 Method 8260B)	SVOCs (USEPA SW846 Method 8270C)	TPH (USEPA SW846 Method 8015B)	TAL Metals (USEPA SW846 Methods 6010B/470A)	Nitrate (USEPA Method 353.2)	Perchlorate (USEPA SW846 Method 6860)	Calcium (SM 2340B)	Hardness (SM 2340B)	Magnesium (SM 2340B)	pH (SM 4500 H^+B/ SW846 9040A)
Groundwater Samples												
AOCU-GW01	5-Mar-11	X	X	X	X	X	X	X				
AOCU-GW02	5-Mar-11	X	X	X	X	X	X	X				
AOCU-GW03	5-Mar-11	X	X	X	X	X	X	X				
AOCU-GW05	5-Mar-11	X	X	X	X	X	X	X				
AOCU-GW07	5-Mar-11	X	X	X	X	X	X	X				
AOCU-GW08	5-Mar-11	X	X	X	X	X	X	X				
AOCU-GW10	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW12	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW15	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW17	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW19	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW20	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW22	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW24	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW24-A	4-Mar-11	X	X	X	X	X	X	X				
AOCU-GW26	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW28	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW32	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW35	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW35-A	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW39	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW41	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW43	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW45	3-Mar-11	X	X	X	X	X	X	X				
AOCU-GW47	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW47-A	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW50	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW52	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW54	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW56	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW57	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW59	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW64	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW66	2-Mar-11	X	X	X	X	X	X	X				
AOCU-GW68	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW69	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW69-A	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW71	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW72	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW73	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW75	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW75-A	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW77	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW78	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW80	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW82	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW83	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW84	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW86	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW89	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW91	1-Mar-11	X	X	X	X	X	X	X				
AOCU-GW93	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW96	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW98	28-Feb-11	X	X	X	X	X	X	X				
AOCU-GW100	28-Feb-11	X	X	X	X	X	X	X				
Surface Water Samples												
AOCU-SW01	6-Mar-11	X	X	X	X	X	X	X	X	X	X	X
AOCU-SW02	6-Mar-11	X	X	X	X	X	X	X	X	X	X	X
AOCU-SW03	6-Mar-11	X	X	X	X	X	X	X	X	X	X	X
AOCU-SW03-A	6-Mar-11	X	X	X	X	X	X	X	X	X	X	X

Notes:
TDS = Total Dissolved Solids
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPH = Total Petroleum Hydrocarbons
TAL = Target Analyte List
USEPA = U.S. Environmental Protection Agency
SW846 = USEPA Office of Solid Waste
SM = Standard Method

Sample Identification Nomenclature:
AOCU = Area of Concern U (Lost River Basin)
GW = Groundwater Sample
SW = Surface Water Sample
A = Sample suffix denoting a duplicate sample

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW01			AOCU-GW01			AOCU-GW01		AOCU-GW02			AOCU-GW02			AOCU-GW02		AOCU-GW03			AOCU-GW03		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103080913			21103080926			680-66263-1		21103080914			21103080927			680-66263-2		21103080910			21103080928		
Date Sampled:				3/5/2011			3/5/2011			3/5/2011		3/5/2011			3/5/2011			3/5/2011		3/5/2011			3/5/2011		
Analyte				Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Acetone	NV	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA		0.322	U		NA		
Benzene	10	5	NV	0.049	U		NA			NA		0.049	U		NA			NA		0.049	U		NA		
Bromomethane	NV	NV	NV	0.276	U		NA			NA		0.276	U		NA			NA		0.276	U		NA		
Chloromethane	NV	NV	NV	0.076	U		NA			NA		0.076	U		NA			NA		0.076	U		NA		
Naphthalene	30	NV	NV	0.175	U		NA			NA		0.175	U		NA			NA		0.175	U		NA		
Toluene	750	1,000	NV	0.078	U		NA			NA		0.078	U		NA			NA		0.078	U		NA		
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Benzyl Alcohol	NV	NV	NV	0.355	U		NA			NA		0.355	U		NA			NA		0.355	U		NA		
bis(2-Ethylhexyl)phthalate	NV	NV	NV	0.191	U		NA			NA		0.191	U		NA			NA		0.191	U		NA		
Di-n-butyl phthalate	NV	NV	NV	0.189	U		NA			NA		0.189	U		NA			NA		0.189	U		NA		
Fluorene	NV	NV	NV	0.288	U		NA			NA		0.288	U		NA			NA		0.288	U		NA		
Phenanthrene	NV	NV	NV	0.304	U		NA			NA		0.304	U		NA			NA		0.304	U		NA		
Pyrene	NV	NV	NV	0.486	U		NA			NA		0.486	U		NA			NA		0.486	U		NA		
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	13	U		NA			NA		13	U		NA			NA		13	U		NA		
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	44.2	U		NA			NA		44.2	U		NA			NA		382			NA		
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	45.7	U		NA			NA		45.7	U		NA			NA		161			NA		
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Antimony	NV	6	3.1	NA			**0.052**	B		NA		NA			**0.061**	B		NA		NA			**0.13**	B	
Arsenic	100	10	28.53	NA			0.024	B		NA		NA			0.025	U		NA		NA			0.063	U	
Barium	1,000	2,000	30.13	NA			0.013	B		NA		NA			0.0011	U		NA		NA			0.0028	U	
Calcium	NV	NV	1,151,301.20	NA			1,130			NA		NA			776			NA		NA			539		
Chromium	50	100	2.5	NA			0.014	B		NA		NA			0.018	B		NA		NA			**0.072**	B	
Cobalt	50	NV	2.6	NA			0.002	U		NA		NA			0.004	U		NA		NA			0.0099	U	
Copper	1,000	1,300	57.46	NA			0.074			NA		NA			0.014	U		NA		NA			0.23	B	
Magnesium	NV	NV	3,630,926.70	NA			2,110		J	NA		NA			8,220		J	NA		NA			13,700		J
Manganese	200	50 [6]	118.65	NA			**0.71**			NA		NA			**0.24**			NA		NA			**0.41**		
Nickel	200	NV	15.89	NA			0.026	B		NA		NA			0.07	B		NA		NA			0.12	B	
Potassium	NV	NV	120,479.98	NA			80.4			NA		NA			627			NA		NA			481		
Sodium	NV	NV	19,972,499.00	NA			11,900			NA		NA			48,100			NA		NA			54,700		
Vanadium	NV	NV	73.73	NA			0.0041	U	UJ	NA		NA			0.0082	U	UJ	NA		NA			0.02	U	UJ
Zinc	10,000	5,000 [6]	56.28	NA			0.014	U		NA		NA			0.027	U		NA		NA			0.068	U	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	0.005	B	J	NA			NA		4.37		J	NA			NA		0.107		J	NA		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	43,800			NA			NA		**165,000**			NA			NA		**215,000**			NA		
Perchlorate (SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Perchlorate	NV	15 [8]	NV	NA			NA			0.1	U	NA			NA			0.28	JM	NA			NA		

Notes:

NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NV = No Value
NA = Not Analyzed
MDL = Method Detection Limit
RDL = Reporting Detection Limit
NMED = New Mexico Environment Department
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier

Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
B = (Inorganics) Indicates the result is between the RDL and the MDL
M = Manual integrated compound

Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
A = Denotes a field duplicate sample

[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103 (January 15, 2001)
[2] USEPA National Primary Drinking Water Regulation MCLs (816-F-09-004, May 2009)
[3] Established in the *Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NationView/Bhate JV III, October 2009)
[4] If results are not detected (U) then the value is set at the MDL
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
[6] USEPA Secondary Drinking Water Standard (May 2009)
[7] Values established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, October 2009) and derived from the Total Groundwater UTL
[8] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)

Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
Indicates combined TPH-GRO/DRO/ORO analytical results above the NMED TPH Screening Guideline for Kerosene and Jet Fuel, Concentration in Groundwater, Table 2b
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the Basewide Background UTL
Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW03		AOCU-GW05			AOCU-GW05			AOCU-GW05		AOCU-GW07			AOCU-GW07			AOCU-GW07		AOCU-GW08		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	680-66263-3		21103080907			21103080929			680-66263-4		21103080908			21103080930			680-66263-5		21103080911		
Date Sampled:				3/5/2011		3/5/2011			3/5/2011			3/5/2011		3/5/2011			3/5/2011			3/5/2011		3/5/2011		
Analyte				Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**		
Acetone	NV	NV	NV	NA		0.322	U		NA			NA		0.322	U		NA			NA		8.25	J	
Benzene	10	5	NV	NA		0.049	U		NA			NA		0.049	U		NA			NA		0.049	U	
Bromomethane	NV	NV	NV	NA		0.276	U		NA			NA		0.276	U		NA			NA		0.276	U	
Chloromethane	NV	NV	NV	NA		0.076	U		NA			NA		0.076	U		NA			NA		0.076	U	
Naphthalene	30	NV	NV	NA		0.175	U		NA			NA		0.175	U		NA			NA		1.55	J	
Toluene	750	1,000	NV	NA		0.078	U		NA			NA		0.078	U		NA			NA		0.078	U	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**		
Benzyl Alcohol	NV	NV	NV	NA		0.355	U		NA			NA		0.355	U		NA			NA		0.355	U	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA		0.191	U		NA			NA		0.191	U		NA			NA		0.191	U	
Di-n-butyl phthalate	NV	NV	NV	NA		0.189	U		NA			NA		0.189	U		NA			NA		0.189	U	
Fluorene	NV	NV	NV	NA		0.288	U		NA			NA		0.288	U		NA			NA		0.288	U	
Phenanthrene	NV	NV	NV	NA		0.304	U		NA			NA		0.304	U		NA			NA		0.304	U	
Pyrene	NV	NV	NV	NA		0.486	U		NA			NA		0.486	U		NA			NA		0.486	U	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**mg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA		13	U		NA			NA		13	U		NA			NA		13	U	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA		151			NA			NA		190			NA			NA		130		
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA		45.7	U		NA			NA		45.7	U		NA			NA		45.7	U	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**		
Antimony	NV	6	3.1	NA		NA			**0.058**	B		NA		NA			**0.14**	B		NA		NA		
Arsenic	100	10	28.53	NA		NA			0.025	U		NA		NA			0.063	U		NA		NA		
Barium	1,000	2,000	30.13	NA		NA			0.0011	U		NA		NA			0.0028	U		NA		NA		
Calcium	NV	NV	1,151,301.20	NA		NA			824			NA		NA			543			NA		NA		
Chromium	50	100	2.5	NA		NA			0.018	B		NA		NA			**0.065**	B		NA		NA		
Cobalt	50	NV	2.6	NA		NA			0.004	U		NA		NA			0.0099	U		NA		NA		
Copper	1,000	1,300	57.46	NA		NA			0.014	U		NA		NA			0.24	B		NA		NA		
Magnesium	NV	NV	3,630,926.70	NA		NA			8,290		J	NA		NA			14,000		J	NA		NA		
Manganese	200	50 [6]	118.65	NA		NA			**0.6**			NA		NA			**0.22**	B		NA		NA		
Nickel	200	NV	15.89	NA		NA			0.065	B		NA		NA			0.12	B		NA		NA		
Potassium	NV	NV	120,479.98	NA		NA			490			NA		NA			416			NA		NA		
Sodium	NV	NV	19,972,499.00	NA		NA			39,600			NA		NA			57,800			NA		NA		
Vanadium	NV	NV	73.73	NA		NA			0.0082	U	UJ	NA		NA			0.02	U	UJ	NA		NA		
Zinc	10,000	5,000 [6]	56.28	NA		NA			0.027	U		NA		NA			0.068	U		NA		NA		
General Chemistry	**mg/L**	**mg/L**	**mg/L**	**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA		1.1		J	NA			NA		0.102		J	NA			NA		0.102		J
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA		**137,000**			NA			NA		**243,000**			NA			NA		**234,000**		
Perchlorate (SW846 6860)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**		
Perchlorate	NV	15 [8]	NV	0.1	U	NA			NA			0.1	U	NA			NA			0.1	U	NA		

Notes:
NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NV = No Value
NA = Not Analyzed
MDL = Method Detection Limit
RDL = Reporting Detection Limit
NMED = New Mexico Environment Department
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier
Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
B = (Inorganics) Indicates the result is between the RDL and the MDL
M = Manual integrated compound
Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
A = Denotes a field duplicate sample

[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103 (January 15, 2001)
[2] USEPA National Primary Drinking Water Regulation MCLs (816-F-09-004, May 2009)
[3] Established in the *Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NationView/Bhate JV III, October 2009)
[4] If results are not detected (U) then the value is set at the MDL
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
[6] USEPA Secondary Drinking Water Standard (May 2009)
[7] Values established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, October 2009) and derived from the Total Groundwater UTL
[8] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)
Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
Indicates combined TPH-GRO/DRO/ORO analytical results above the NMED TPH Screening Guideline for Kerosene and Jet Fuel, Concentration in Groundwater, Table 2b
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the Basewide Background UTL
Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW08			AOCU-GW08		AOCU-GW10			AOCU-GW10			AOCU-GW10		AOCU-GW12			AOCU-GW12			AOCU-GW12	
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103080931			680-66263-6		21103080904			21103080932			680-66263-7		21103080905			21103080933			680-66263-8	
Date Sampled:				3/5/2011			3/5/2011		3/4/2011			3/4/2011			3/4/2011		3/4/2011			3/4/2011			3/4/2011	
Analyte				Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Acetone	NV	NV	NV	NA			NA		0.322	U		NA			NA		0.322	U		NA			NA	
Benzene	10	5	NV	NA			NA		0.049	U		NA			NA		0.049	U		NA			NA	
Bromomethane	NV	NV	NV	NA			NA		0.276	U		NA			NA		0.276	U		NA			NA	
Chloromethane	NV	NV	NV	NA			NA		0.076	U		NA			NA		0.076	U		NA			NA	
Naphthalene	30	NV	NV	NA			NA		0.175	U		NA			NA		0.175	U		NA			NA	
Toluene	750	1,000	NV	NA			NA		0.078	U		NA			NA		0.078	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Benzyl Alcohol	NV	NV	NV	NA			NA		0.355	U		NA			NA		0.355	U		NA			NA	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA			NA		0.191	U		NA			NA		0.191	U		NA			NA	
Di-n-butyl phthalate	NV	NV	NV	NA			NA		0.189	U		NA			NA		0.189	U		NA			NA	
Fluorene	NV	NV	NV	NA			NA		0.288	U		NA			NA		0.288	U		NA			NA	
Phenanthrene	NV	NV	NV	NA			NA		0.304	U		NA			NA		0.304	U		NA			NA	
Pyrene	NV	NV	NV	NA			NA		0.486	U		NA			NA		0.486	U		NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**mg/L**	**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA			NA		13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA			NA		76.3	J		NA			NA		44.2	U		NA			NA	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA			NA		45.7	U		NA			NA		45.7	U		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Antimony	NV	6	3.1	**0.17**	B		NA		NA			**0.081**	B		NA		NA			**0.076**	B		NA	
Arsenic	100	10	28.53	**0.13**	B		NA		NA			**0.052**	B		NA		NA			0.025	U		NA	
Barium	1,000	2,000	30.13	0.0028	U		NA		NA			0.0011	U		NA		NA			0.0011	U		NA	
Calcium	NV	NV	1,151,301.20	496			NA		NA			838			NA		NA			840			NA	
Chromium	50	100	2.5	**0.059**	B		NA		NA			0.018	B		NA		NA			0.028	B		NA	
Cobalt	50	NV	2.6	0.0099	U		NA		NA			0.004	U		NA		NA			0.004	U		NA	
Copper	1,000	1,300	57.46	0.2	B		NA		NA			0.014	U		NA		NA			0.16			NA	
Magnesium	NV	NV	3,630,926.70	15,300		J	NA		NA			7,840		J	NA		NA			4,360		J	NA	
Manganese	200	50 [6]	118.65	**0.43**			NA		NA			**1.19**			NA		NA			**0.62**			NA	
Nickel	200	NV	15.89	0.13	B		NA		NA			0.063	B		NA		NA			0.048	B		NA	
Potassium	NV	NV	120,479.98	549			NA		NA			332			NA		NA			611			NA	
Sodium	NV	NV	19,972,499.00	67,000			NA		NA			33,500			NA		NA			38,700			NA	
Vanadium	NV	NV	73.73	0.02	U	UJ	NA		NA			0.0082	U	UJ	NA		NA			0.0082	U	UJ	NA	
Zinc	10,000	5,000 [6]	56.28	0.068	U		NA		NA			0.027	U		NA		NA			0.027	U		NA	
General Chemistry	**mg/L**	**mg/L**	**mg/L**	**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA			NA		0.065		J	NA			NA		16.6		J	NA			NA	
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA			NA		**157,000**			NA			NA		**114,000**			NA			NA	
Perchlorate (SW846 6860)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Perchlorate	NV	15 [8]	NV	NA			0.1	U	NA			NA			0.1	U	NA			NA			1.3	M

Notes:

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[3] Established in the *Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NationView/Bhate JV III, October 2009)
[4] If results are not detected (U) then the value is set at the MDL
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW15			AOCU-GW15			AOCU-GW15		AOCU-GW17			AOCU-GW17			AOCU-GW17		AOCU-GW19			AOCU-GW19		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103080901			21103080934			680-66263-9		21103080902			21103080935			680-66263-10		21103050406			21103050428		
Date Sampled:				3/4/2011			3/4/2011			3/4/2011		3/4/2011			3/4/2011			3/4/2011		3/4/2011			3/4/2011		
Analyte				Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Acetone	NV	NV	NV	0.322	U		NA			NA		14	J		NA			NA		0.322	U		NA		
Benzene	10	5	NV	0.049	U		NA			NA		0.049	U		NA			NA		1.21	J		NA		
Bromomethane	NV	NV	NV	0.276	U		NA			NA		0.276	U		NA			NA		0.276	U		NA		
Chloromethane	NV	NV	NV	0.076	U		NA			NA		0.076	U		NA			NA		0.076	U		NA		
Naphthalene	30	NV	NV	0.175	U		NA			NA		0.175	U		NA			NA		0.175	U		NA		
Toluene	750	1,000	NV	0.078	U		NA			NA		0.078	U		NA			NA		0.078	U		NA		
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Benzyl Alcohol	NV	NV	NV	0.355	U		NA			NA		0.355	U		NA			NA		0.355	U		NA		
bis(2-Ethylhexyl)phthalate	NV	NV	NV	0.191	U		NA			NA		0.191	U		NA			NA		0.191	U		NA		
Di-n-butyl phthalate	NV	NV	NV	0.189	U		NA			NA		0.189	U		NA			NA		0.189	U		NA		
Fluorene	NV	NV	NV	0.288	U		NA			NA		0.288	U		NA			NA		0.288	U		NA		
Phenanthrene	NV	NV	NV	0.304	U		NA			NA		0.304	U		NA			NA		0.304	U		NA		
Pyrene	NV	NV	NV	0.486	U		NA			NA		0.486	U		NA			NA		0.486	U		NA		
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	13	U		NA			NA		13	U		NA			NA		13	U		NA		
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	44.2	U		NA			NA		73.1	J		NA			NA		44.2	U		NA		
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	45.7	U		NA			NA		53.2	J		NA			NA		45.7	U		NA		
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Antimony	NV	6	3.1	NA			**0.05**	B		NA		NA			**0.14**	B		NA		NA			**0.13**	B	
Arsenic	100	10	28.53	NA			0.013	U		NA		NA			0.063	U		NA		NA			0.051	U	
Barium	1,000	2,000	30.13	NA			0.0029	B	J	NA		NA			0.0028	U		NA		NA			0.0022	U	
Calcium	NV	NV	1,151,301.20	NA			1,120			NA		NA			358			NA		NA			822		
Chromium	50	100	2.5	NA			0.01	B		NA		NA			**0.055**	B		NA		NA			**0.057**	B	
Cobalt	50	NV	2.6	NA			0.002	U		NA		NA			0.0099	U		NA		NA			0.0079	U	
Copper	1,000	1,300	57.46	NA			0.016	B		NA		NA			0.11	B		NA		NA			0.26		
Magnesium	NV	NV	3,630,926.70	NA			3,440		J	NA		NA			17,100		J	NA		NA			9,200		J
Manganese	200	50 [6]	118.65	NA			**1.18**			NA		NA			**0.7**			NA		NA			**1.06**		
Nickel	200	NV	15.89	NA			0.032	B		NA		NA			0.15	B		NA		NA			0.089	B	
Potassium	NV	NV	120,479.98	NA			143			NA		NA			555			NA		NA			327		
Sodium	NV	NV	19,972,499.00	NA			17,400			NA		NA			62,600			NA		NA			47,300		
Vanadium	NV	NV	73.73	NA			0.0041	U	UJ	NA		NA			0.02	U	UJ	NA		NA			0.016	U	
Zinc	10,000	5,000 [6]	56.28	NA			0.014	U		NA		NA			0.068	U		NA		NA			0.054	U	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	0.014		J	NA			NA		0.248		J	NA			NA		5.49			NA		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	**54,000**			NA			NA		**194,000**			NA			NA		**183,000**			NA		
Perchlorate (SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Perchlorate	NV	15 [8]	NV	NA			NA			0.1	U	NA			NA			0.2	U	NA			NA		

Notes:

NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NV = No Value
NA = Not Analyzed
MDL = Method Detection Limit
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NMED = New Mexico Environment Department
Q = Laboratory Qualifier
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Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
B = (Inorganics) Indicates the result is between the RDL and the MDL
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Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
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[7] Values established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, October 2009) and derived from the Total Groundwater UTL
[8] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)

Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
Indicates combined TPH-GRO/DRO/ORO analytical results above the NMED TPH Screening Guideline for Kerosene and Jet Fuel, Concentration in Groundwater, Table 2b
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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW19		AOCU-GW20			AOCU-GW20			AOCU-GW20		AOCU-GW22			AOCU-GW22			AOCU-GW22		AOCU-GW24		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	680-66263-11		21103050408			21103050429			680-66263-12		21103050409			21103050430			680-66263-13		21103050414		
Date Sampled:				3/4/2011		3/4/2011			3/4/2011			3/4/2011		3/4/2011			3/4/2011			3/4/2011		3/4/2011		
Analyte				Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Acetone	NV	NV	NV	NA		0.322	U		NA			NA		0.322	U		NA			NA		0.322	U	
Benzene	10	5	NV	NA		0.049	U		NA			NA		0.049	U		NA			NA		0.049	U	
Bromomethane	NV	NV	NV	NA		5.38			NA			NA		3.36	J		NA			NA		0.276	U	
Chloromethane	NV	NV	NV	NA		2.04	J		NA			NA		1.1	J		NA			NA		0.076	U	
Naphthalene	30	NV	NV	NA		0.175	U		NA			NA		0.175	U		NA			NA		0.175	U	
Toluene	750	1,000	NV	NA		0.078	U		NA			NA		0.078	U		NA			NA		0.078	U	
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Benzyl Alcohol	NV	NV	NV	NA		0.355	U		NA			NA		0.355	U		NA			NA		0.355	U	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA		0.191	U		NA			NA		0.191	U		NA			NA		0.191	U	
Di-n-butyl phthalate	NV	NV	NV	NA		0.189	U		NA			NA		0.189	U		NA			NA		0.189	U	
Fluorene	NV	NV	NV	NA		0.288	U		NA			NA		0.288	U		NA			NA		0.288	U	
Phenanthrene	NV	NV	NV	NA		0.304	U		NA			NA		0.304	U		NA			NA		0.304	U	
Pyrene	NV	NV	NV	NA		0.486	U		NA			NA		0.486	U		NA			NA		0.486	U	
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA		13	U		NA			NA		13	U		NA			NA		13	U	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA		53.1	J		NA			NA		54	J		NA			NA		44.2	U	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA		45.7	U		NA			NA		45.7	U		NA			NA		45.7	U	
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L		
Antimony	NV	6	3.1	NA		NA			**0.097**	B		NA		NA			**0.092**	B		NA		NA		
Arsenic	100	10	28.53	NA		NA			**0.047**	B		NA		NA			**0.058**	B		NA		NA		
Barium	1,000	2,000	30.13	NA		NA			0.0011	U		NA		NA			0.0011	U		NA		NA		
Calcium	NV	NV	1,151,301.20	NA		NA			899			NA		NA			953			NA		NA		
Chromium	50	100	2.5	NA		NA			0.014	B		NA		NA			0.023	B		NA		NA		
Cobalt	50	NV	2.6	NA		NA			0.004	U		NA		NA			0.004	U		NA		NA		
Copper	1,000	1,300	57.46	NA		NA			0.014	U		NA		NA			0.029	B		NA		NA		
Magnesium	NV	NV	3,630,926.70	NA		NA			8,540		J	NA		NA			7,320		J	NA		NA		
Manganese	200	50 [6]	118.65	NA		NA			**1.04**			NA		NA			**0.94**			NA		NA		
Nickel	200	NV	15.89	NA		NA			0.068	B		NA		NA			0.066	B		NA		NA		
Potassium	NV	NV	120,479.98	NA		NA			331			NA		NA			215			NA		NA		
Sodium	NV	NV	19,972,499.00	NA		NA			39,900			NA		NA			33,300			NA		NA		
Vanadium	NV	NV	73.73	NA		NA			0.0082	U		NA		NA			0.0082	U		NA		NA		
Zinc	10,000	5,000 [6]	56.28	NA		NA			0.027	U		NA		NA			0.027	U		NA		NA		
General Chemistry	mg/L	mg/L	mg/L	mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA		**500**			NA			NA		**223**			NA			NA		136		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA		**165,000**			NA			NA		**136,000**			NA			NA		**121,000**		
Perchlorate (SW846 6860)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Perchlorate	NV	15 [8]	NV	0.82	M	NA			NA			**35**		NA			NA			**89**		NA		

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Table 3
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AOC-U Summary Report
Holloman AFB, New Mexico

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Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103050431			680-66263-14		21103050415			21103050432			680-66263-15		21103050401			21103050420			680-66222-1	
Date Sampled:				3/4/2011			3/4/2011		3/4/2011			3/4/2011			3/4/2011		3/3/2011			3/3/2011			3/3/2011	
Analyte				Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Acetone	NV	NV	NV	NA			NA		0.322	U		NA			NA		0.322	U		NA			NA	
Benzene	10	5	NV	NA			NA		0.049	U		NA			NA		0.049	U		NA			NA	
Bromomethane	NV	NV	NV	NA			NA		0.276	U		NA			NA		0.276	U		NA			NA	
Chloromethane	NV	NV	NV	NA			NA		0.076	U		NA			NA		0.076	U		NA			NA	
Naphthalene	30	NV	NV	NA			NA		0.175	U		NA			NA		0.175	U		NA			NA	
Toluene	750	1,000	NV	NA			NA		0.078	U		NA			NA		0.078	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Benzyl Alcohol	NV	NV	NV	NA			NA		0.355	U		NA			NA		0.355	U		NA			NA	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA			NA		0.191	U		NA			NA		0.191	U		NA			NA	
Di-n-butyl phthalate	NV	NV	NV	NA			NA		0.189	U		NA			NA		0.189	U		NA			NA	
Fluorene	NV	NV	NV	NA			NA		0.288	U		NA			NA		0.288	U		NA			NA	
Phenanthrene	NV	NV	NV	NA			NA		0.304	U		NA			NA		0.304	U		NA			NA	
Pyrene	NV	NV	NV	NA			NA		0.486	U		NA			NA		0.486	U		NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA			NA		13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA			NA		44.2	U		NA			NA		44.2	U		NA			NA	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA			NA		45.7	U		NA			NA		45.7	U		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L	
Antimony	NV	6	3.1	**0.056**	B		NA		NA			**0.061**	B		NA		NA			**0.053**	B		NA	
Arsenic	100	10	28.53	**0.098**	B	J	NA		NA			**0.049**	B	J	NA		NA			**0.052**	B		NA	
Barium	1,000	2,000	30.13	0.0011	U		NA		NA			0.0011	U		NA		NA			0.0011	U		NA	
Calcium	NV	NV	1,151,301.20	860			NA		NA			836			NA		NA			994			NA	
Chromium	50	100	2.5	0.0044	B	J	NA		NA			0.015	B	J	NA		NA			0.023	B		NA	
Cobalt	50	NV	2.6	0.004	U		NA		NA			0.0044	B	J	NA		NA			0.004	U		NA	
Copper	1,000	1,300	57.46	0.014	U		NA		NA			0.015	B		NA		NA			0.029	B		NA	
Magnesium	NV	NV	3,630,926.70	6,890			NA		NA			6,510			NA		NA			6,120			NA	
Manganese	200	50 [6]	118.65	**0.34**			NA		NA			**0.32**			NA		NA			**1.02**			NA	
Nickel	200	NV	15.89	0.046	B		NA		NA			0.056	B		NA		NA			0.047	B		NA	
Potassium	NV	NV	120,479.98	226			NA		NA			234			NA		NA			164			NA	
Sodium	NV	NV	19,972,499.00	31,800			NA		NA			33,000			NA		NA			27,400			NA	
Vanadium	NV	NV	73.73	0.0082	U		NA		NA			0.0082	U		NA		NA			0.0082	U		NA	
Zinc	10,000	5,000 [6]	56.28	0.027	U		NA		NA			0.027	U		NA		NA			0.027	U		NA	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L	
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA			NA		142			NA			NA		111			NA			NA	
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA			NA		**123,000**			NA			NA		**95,000**			NA			NA	
Perchlorate (SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Perchlorate	NV	15 [8]	NV	NA			**140**		NA			NA			**140**		NA			NA			**42**	J

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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW28			AOCU-GW28			AOCU-GW28		AOCU-GW32			AOCU-GW32			AOCU-GW32		AOCU-GW35			AOCU-GW35		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103050418			21103050423			680-66222-2		21103050417			21103050424			680-66222-3		21103050411			21103050425		
Date Sampled:				3/3/2011			3/3/2011			3/3/2011		3/3/2011			3/3/2011			3/3/2011		3/3/2011			3/3/2011		
Analyte				Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Acetone	NV	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA		0.322	U		NA		
Benzene	10	5	NV	0.049	U		NA			NA		0.049	U		NA			NA		0.049	U		NA		
Bromomethane	NV	NV	NV	0.276	U		NA			NA		0.276	U		NA			NA		3.47	J		NA		
Chloromethane	NV	NV	NV	0.076	U		NA			NA		0.076	U		NA			NA		0.076	U		NA		
Naphthalene	30	NV	NV	0.175	U		NA			NA		0.175	U		NA			NA		0.175	U		NA		
Toluene	750	1,000	NV	0.078	U		NA			NA		0.078	U		NA			NA		0.078	U		NA		
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Benzyl Alcohol	NV	NV	NV	0.355	U		NA			NA		0.355	U		NA			NA		0.355	U		NA		
bis(2-Ethylhexyl)phthalate	NV	NV	NV	0.191	U		NA			NA		0.191	U		NA			NA		0.191	U		NA		
Di-n-butyl phthalate	NV	NV	NV	0.189	U		NA			NA		0.189	U		NA			NA		0.189	U		NA		
Fluorene	NV	NV	NV	0.288	U		NA			NA		0.288	U		NA			NA		0.288	U		NA		
Phenanthrene	NV	NV	NV	0.304	U		NA			NA		0.304	U		NA			NA		0.304	U		NA		
Pyrene	NV	NV	NV	0.486	U		NA			NA		0.486	U		NA			NA		0.486	U		NA		
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	13	U		NA			NA		13	U		NA			NA		13	U		NA		
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	44.2	U		NA			NA		44.5	J		NA			NA		84.9	J	J	NA		
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	45.7	U		NA			NA		45.7	U		NA			NA		45.7	U		NA		
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Antimony	NV	6	3.1	NA			**0.032**	B		NA		NA			**0.073**	B		NA		NA			**0.12**	B	
Arsenic	100	10	28.53	NA			**0.053**			NA		NA			**0.032**	B		NA		NA			**0.1**	B	
Barium	1,000	2,000	30.13	NA			0.00055	U		NA		NA			0.0063	B	J	NA		NA			0.0022	U	
Calcium	NV	NV	1,151,301.20	NA			931			NA		NA			1,210			NA		NA			1,130		
Chromium	50	100	2.5	NA			0.0017	U		NA		NA			0.022	B		NA		NA			**0.062**	B	
Cobalt	50	NV	2.6	NA			0.0021	B	J	NA		NA			0.004	U		NA		NA			0.0079	U	
Copper	1,000	1,300	57.46	NA			0.0069	U		NA		NA			0.065	B		NA		NA			0.24		
Magnesium	NV	NV	3,630,926.70	NA			4,350			NA		NA			5,810			NA		NA			9,430		
Manganese	200	50 [6]	118.65	NA			**1.31**			NA		NA			**4.1**			NA		NA			**1.59**		
Nickel	200	NV	15.89	NA			0.03	B		NA		NA			0.047	B		NA		NA			0.1	B	
Potassium	NV	NV	120,479.98	NA			157			NA		NA			201			NA		NA			187		
Sodium	NV	NV	19,972,499.00	NA			21,600			NA		NA			29,600			NA		NA			39,100		
Vanadium	NV	NV	73.73	NA			0.0041	U		NA		NA			0.0082	U		NA		NA			0.016	U	
Zinc	10,000	5,000 [6]	56.28	NA			0.014	U		NA		NA			0.027	U		NA		NA			0.054	U	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	60.5			NA			NA		0.146			NA			NA		38.6			NA		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	**86,500**			NA			NA		**132,000**			NA			NA		**157,000**			NA		
Perchlorate (SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Perchlorate	NV	15 [8]	NV	NA			NA			0.88		NA			NA			0.11	JM	NA			NA		

Notes:

NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NV = No Value
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MDL = Method Detection Limit
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Q = Laboratory Qualifier
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Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
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Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
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[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103 (January 15, 2001)
[2] USEPA National Primary Drinking Water Regulation MCLs (816-F-09-004, May 2009)
[3] Established in the *Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NationView/Bhate JV III, October 2009)
[4] If results are not detected (U) then the value is set at the MDL
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
[6] USEPA Secondary Drinking Water Standard (May 2009)
[7] Values established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, October 2009) and derived from the Total Groundwater UTL
[8] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)

Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
Indicates combined TPH-GRO/DRO/ORO analytical results above the NMED TPH Screening Guideline for Kerosene and Jet Fuel, Concentration in Groundwater, Table 2b
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the Basewide Background UTL
Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW35		AOCU-GW35-A			AOCU-GW35-A			AOCU-GW35-A		AOCU-GW39			AOCU-GW39			AOCU-GW39		AOCU-GW41		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	680-66222-4		21103050412			21103050426			680-66222-5		21103041016			21103041026			680-66222-6		21103041017		
Date Sampled:				3/3/2011		3/3/2011			3/3/2011			3/3/2011		3/3/2011			3/3/2011			3/3/2011		3/3/2011		
Analyte				Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Acetone	NV	NV	NV	NA		0.322	U		NA			NA		0.322	U		NA			NA		0.322	U	
Benzene	10	5	NV	NA		0.049	U		NA			NA		0.049	U		NA			NA		0.049	U	
Bromomethane	NV	NV	NV	NA		3.88	J		NA			NA		0.276	U		NA			NA		0.276	U	
Chloromethane	NV	NV	NV	NA		1.7	J		NA			NA		0.076	U		NA			NA		0.076	U	
Naphthalene	30	NV	NV	NA		0.175	U		NA			NA		0.175	U		NA			NA		0.175	U	
Toluene	750	1,000	NV	NA		0.078	U		NA			NA		0.078	U		NA			NA		0.078	U	
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Benzyl Alcohol	NV	NV	NV	NA		0.355	U		NA			NA		0.355	U		NA			NA		0.355	U	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA		0.191	U		NA			NA		0.191	U		NA			NA		0.191	U	
Di-n-butyl phthalate	NV	NV	NV	NA		0.189	U		NA			NA		0.189	U		NA			NA		0.189	U	
Fluorene	NV	NV	NV	NA		0.288	U		NA			NA		0.288	U		NA			NA		0.288	U	
Phenanthrene	NV	NV	NV	NA		0.304	U		NA			NA		0.304	U		NA			NA		0.304	U	
Pyrene	NV	NV	NV	NA		0.486	U		NA			NA		0.486	U		NA			NA		0.486	U	
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA		13	U		NA			NA		13	U		NA			NA		13	U	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA		52.3	J	J	NA			NA		44.2	U		NA			NA		109	J	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA		45.7	U		NA			NA		45.7	U		NA			NA		45.7	U	
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L		
Antimony	NV	6	3.1	NA		NA			**0.09**	B		NA		NA			**0.12**	B		NA		NA		
Arsenic	100	10	28.53	NA		NA			0.051	U		NA		NA			**0.07**	B		NA		NA		
Barium	1,000	2,000	30.13	NA		NA			0.0022	U		NA		NA			0.0028	U		NA		NA		
Calcium	NV	NV	1,151,301.20	NA		NA			1,140			NA		NA			860			NA		NA		
Chromium	50	100	2.5	NA		NA			**0.056**	B		NA		NA			**0.072**	B		NA		NA		
Cobalt	50	NV	2.6	NA		NA			0.0079	U		NA		NA			0.0099	U		NA		NA		
Copper	1,000	1,300	57.46	NA		NA			0.24			NA		NA			0.23	B		NA		NA		
Magnesium	NV	NV	3,630,926.70	NA		NA			9,600			NA		NA			11,600			NA		NA		
Manganese	200	50 [6]	118.65	NA		NA			**1.61**			NA		NA			**2.24**			NA		NA		
Nickel	200	NV	15.89	NA		NA			0.088	B		NA		NA			0.092	B		NA		NA		
Potassium	NV	NV	120,479.98	NA		NA			190			NA		NA			231			NA		NA		
Sodium	NV	NV	19,972,499.00	NA		NA			37,400			NA		NA			48,800			NA		NA		
Vanadium	NV	NV	73.73	NA		NA			0.016	U		NA		NA			0.02	U		NA		NA		
Zinc	10,000	5,000 [6]	56.28	NA		NA			0.054	U		NA		NA			0.068	U		NA		NA		
General Chemistry	mg/L	mg/L	mg/L	mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA		39.3			NA			NA		0.149			NA			NA		38.8		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA		**166,000**			NA			NA		**187,000**			NA			NA		**148,000**		
Perchlorate (SW846 6860)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Perchlorate	NV	15 [8]	NV	4.5		NA			NA			4.6		NA			NA			0.2	U	NA		

Notes:

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Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW41			AOCU-GW41		AOCU-GW43			AOCU-GW43			AOCU-GW43		AOCU-GW45			AOCU-GW45			AOCU-GW45	
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103041029			680-66222-9		21103041013			21103041027			680-66222-7		21103041014			21103041028			680-66222-8	
Date Sampled:				3/3/2011			3/3/2011		3/3/2011			3/3/2011			3/3/2011		3/3/2011			3/3/2011			3/3/2011	
Analyte				Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Acetone	NV	NV	NV	NA			NA		0.322	U		NA			NA		0.322	U		NA			NA	
Benzene	10	5	NV	NA			NA		0.049	U		NA			NA		0.049	U		NA			NA	
Bromomethane	NV	NV	NV	NA			NA		0.276	U		NA			NA		0.276	U		NA			NA	
Chloromethane	NV	NV	NV	NA			NA		0.076	U		NA			NA		0.076	U		NA			NA	
Naphthalene	30	NV	NV	NA			NA		0.175	U		NA			NA		0.175	U		NA			NA	
Toluene	750	1,000	NV	NA			NA		0.078	U		NA			NA		0.078	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Benzyl Alcohol	NV	NV	NV	NA			NA		0.355	U		NA			NA		0.355	U		NA			NA	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA			NA		0.191	U		NA			NA		0.191	U		NA			NA	
Di-n-butyl phthalate	NV	NV	NV	NA			NA		0.189	U		NA			NA		0.189	U		NA			NA	
Fluorene	NV	NV	NV	NA			NA		0.288	U		NA			NA		0.288	U		NA			NA	
Phenanthrene	NV	NV	NV	NA			NA		0.304	U		NA			NA		0.304	U		NA			NA	
Pyrene	NV	NV	NV	NA			NA		0.486	U		NA			NA		0.486	U		NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA			NA		13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA			NA		102	J		NA			NA		44.2	U		NA			NA	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA			NA		45.7	U		NA			NA		45.7	U		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L	
Antimony	NV	6	3.1	**0.087**	B		NA		NA			**0.17**	B		NA		NA			**0.16**	B		NA	
Arsenic	100	10	28.53	**0.053**	B		NA		NA			0.063	U		NA		NA			0.051	U		NA	
Barium	1,000	2,000	30.13	0.0022	U		NA		NA			0.0028	U		NA		NA			0.0022	U		NA	
Calcium	NV	NV	1,151,301.20	1,310			NA		NA			555			NA		NA			1,920			NA	
Chromium	50	100	2.5	**0.058**	B		NA		NA			**0.063**	B		NA		NA			**0.059**	B		NA	
Cobalt	50	NV	2.6	0.0079	U		NA		NA			0.0099	U		NA		NA			0.0079	U		NA	
Copper	1,000	1,300	57.46	0.24			NA		NA			0.42			NA		NA			0.26			NA	
Magnesium	NV	NV	3,630,926.70	9,910			NA		NA			5,900			NA		NA			8,860			NA	
Manganese	200	50 [6]	118.65	**1.47**			NA		NA			**0.48**			NA		NA			**1.13**			NA	
Nickel	200	NV	15.89	0.11	B		NA		NA			0.062	B		NA		NA			0.093	B		NA	
Potassium	NV	NV	120,479.98	238			NA		NA			151			NA		NA			195			NA	
Sodium	NV	NV	19,972,499.00	39,900			NA		NA			48,700			NA		NA			33,300			NA	
Vanadium	NV	NV	73.73	0.016	U		NA		NA			0.3	B		NA		NA			0.016	U		NA	
Zinc	10,000	5,000 [6]	56.28	0.054	U		NA		NA			0.068	U		NA		NA			0.054	U		NA	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L	
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA			NA		18.1			NA			NA		123			NA			NA	
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA			NA		**120,000**			NA			NA		**118,000**			NA			NA	
Perchlorate (SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Perchlorate	NV	15 [8]	NV	NA			3.2	M	NA			NA			1.9	M	NA			NA			2	M

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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW47			AOCU-GW47			AOCU-GW47		AOCU-GW47-A			AOCU-GW47-A			AOCU-GW47-A	
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103041008			21103041019			680-66203-1		21103041009			21103041020			680-66203-2	
Date Sampled:				3/2/2011			3/2/2011			3/2/2011		3/2/2011			3/2/2011			3/2/2011	
Analyte				Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Acetone	NV	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA	
Benzene	10	5	NV	0.049	U		NA			NA		0.049	U		NA			NA	
Bromomethane	NV	NV	NV	0.276	U		NA			NA		0.276	U		NA			NA	
Chloromethane	NV	NV	NV	0.076	U		NA			NA		0.076	U		NA			NA	
Naphthalene	30	NV	NV	0.175	U		NA			NA		0.175	U		NA			NA	
Toluene	750	1,000	NV	0.078	U		NA			NA		0.078	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Benzyl Alcohol	NV	NV	NV	0.355	U		NA			NA		0.355	U		NA			NA	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	0.191	U		NA			NA		0.191	U		NA			NA	
Di-n-butyl phthalate	NV	NV	NV	0.189	U		NA			NA		0.189	U		NA			NA	
Fluorene	NV	NV	NV	0.288	U		NA			NA		0.288	U		NA			NA	
Phenanthrene	NV	NV	NV	0.304	U		NA			NA		0.304	U		NA			NA	
Pyrene	NV	NV	NV	0.486	U		NA			NA		0.486	U		NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**mg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	57.4	J		NA			NA		44.2	U		NA			NA	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	45.7	U		NA			NA		45.7	U		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Antimony	NV	6	3.1	NA			**0.2**	B	J	NA		NA			**0.11**	B	J	NA	
Arsenic	100	10	28.53	NA			0.063	U		NA		NA			0.063	U		NA	
Barium	1,000	2,000	30.13	NA			0.0028	U		NA		NA			0.0028	U		NA	
Calcium	NV	NV	1,151,301.20	NA			1,710			NA		NA			1,630			NA	
Chromium	50	100	2.5	NA			**0.08**	B		NA		NA			**0.083**	B		NA	
Cobalt	50	NV	2.6	NA			0.0099	U		NA		NA			0.0099	U		NA	
Copper	1,000	1,300	57.46	NA			0.32			NA		NA			0.35			NA	
Magnesium	NV	NV	3,630,926.70	NA			12,000			NA		NA			11,500			NA	
Manganese	200	50 [6]	118.65	NA			**1.49**			NA		NA			**1.46**			NA	
Nickel	200	NV	15.89	NA			0.12	B		NA		NA			0.12	B		NA	
Potassium	NV	NV	120,479.98	NA			306			NA		NA			292			NA	
Sodium	NV	NV	19,972,499.00	NA			45,600			NA		NA			46,200			NA	
Vanadium	NV	NV	73.73	NA			0.02	U		NA		NA			0.02	U		NA	
Zinc	10,000	5,000 [6]	56.28	NA			0.068	U		NA		NA			0.068	U		NA	
General Chemistry	**mg/L**	**mg/L**	**mg/L**	**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Nitrate (USEPA 353.2)	10	10	216.86 [7]	86.2			NA			NA		87.7			NA			NA	
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	**174,000**			NA			NA		**157,000**			NA			NA	
Perchlorate (SW846 6860)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Perchlorate	NV	15 [8]	NV	NA			NA			5.3		NA			NA			5.4	

Notes:
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MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
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mg/L = Milligrams per liter
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J = Indicates an estimated value
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Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
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Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW50			AOCU-GW50			AOCU-GW50		AOCU-GW52			AOCU-GW52			AOCU-GW52		AOCU-GW54			AOCU-GW54		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103041011			21103041021			680-66203-3		21103041002			21103041022			680-66203-4		21103041001			21103041025		
Date Sampled:				3/2/2011			3/2/2011			3/2/2011		3/2/2011			3/2/2011			3/2/2011		3/2/2011			3/2/2011		
Analyte				Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Acetone	NV	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA		0.322	U		NA		
Benzene	10	5	NV	0.049	U		NA			NA		0.049	U		NA			NA		0.049	U		NA		
Bromomethane	NV	NV	NV	0.276	U		NA			NA		0.276	U		NA			NA		0.276	U		NA		
Chloromethane	NV	NV	NV	0.076	U		NA			NA		0.076	U		NA			NA		0.076	U		NA		
Naphthalene	30	NV	NV	0.175	U		NA			NA		0.175	U		NA			NA		0.175	U		NA		
Toluene	750	1,000	NV	0.078	U		NA			NA		0.078	U		NA			NA		0.078	U		NA		
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Benzyl Alcohol	NV	NV	NV	0.355	U		NA			NA		0.355	U		NA			NA		0.355	U		NA		
bis(2-Ethylhexyl)phthalate	NV	NV	NV	0.191	U		NA			NA		0.191	U		NA			NA		0.191	U		NA		
Di-n-butyl phthalate	NV	NV	NV	0.189	U		NA			NA		0.189	U		NA			NA		0.189	U		NA		
Fluorene	NV	NV	NV	0.288	U		NA			NA		0.288	U		NA			NA		0.288	U		NA		
Phenanthrene	NV	NV	NV	0.304	U		NA			NA		0.304	U		NA			NA		0.304	U		NA		
Pyrene	NV	NV	NV	0.486	U		NA			NA		0.486	U		NA			NA		0.486	U		NA		
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	13	U		NA			NA		13	U		NA			NA		13	U		NA		
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	56.6	J		NA			NA		44.2	U		NA			NA		44.2	U		NA		
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	45.7	U		NA			NA		45.7	U		NA			NA		45.7	U		NA		
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Antimony	NV	6	3.1	NA			0.02	U		NA		NA			0.1	U		NA		NA			0.1	U	
Arsenic	100	10	28.53	NA			**0.073**			NA		NA			0.063	U		NA		NA			0.063	U	
Barium	1,000	2,000	30.13	NA			0.00055	U		NA		NA			0.0028	U		NA		NA			0.0028	U	
Calcium	NV	NV	1,151,301.20	NA			2,620			NA		NA			805			NA		NA			869		
Chromium	50	100	2.5	NA			0.0017	U		NA		NA			0.033	B		NA		NA			**0.069**	B	
Cobalt	50	NV	2.6	NA			0.003	B		NA		NA			0.0099	U		NA		NA			0.0099	U	
Copper	1,000	1,300	57.46	NA			0.0069	U		NA		NA			0.15	B		NA		NA			0.34		
Magnesium	NV	NV	3,630,926.70	NA			4,410			NA		NA			7,740			NA		NA			10,700		
Manganese	200	50 [6]	118.65	NA			**0.32**			NA		NA			**1.28**			NA		NA			**8.38**		
Nickel	200	NV	15.89	NA			0.032	B		NA		NA			0.05	B		NA		NA			0.095	B	
Potassium	NV	NV	120,479.98	NA			134			NA		NA			213			NA		NA			251		
Sodium	NV	NV	19,972,499.00	NA			16,000			NA		NA			42,300			NA		NA			46,300		
Vanadium	NV	NV	73.73	NA			0.0041	U		NA		NA			0.02	U		NA		NA			0.02	U	
Zinc	10,000	5,000 [6]	56.28	NA			0.014	U		NA		NA			0.068	U		NA		NA			0.068	U	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	86.1			NA			NA		0.11			NA			NA		0.139			NA		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	**85,200**			NA			NA		**166,000**			NA			NA		**185,000**			NA		
Perchlorate (USEPA SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Perchlorate	NV	15 [8]	NV	NA			NA			6.2		NA			NA			0.048	JM	NA			NA		

Notes:

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TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
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Qualifiers
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J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
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Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW54		AOCU-GW56			AOCU-GW56			AOCU-GW56		AOCU-GW57			AOCU-GW57			AOCU-GW57		AOCU-GW59		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	680-66203-5		21103030916			21103030924			680-66203-6		21103030910			21103030925			680-66203-7		21103030911		
Date Sampled:				3/2/2011		3/2/2011			3/2/2011			3/2/2011		3/2/2011			3/2/2011			3/2/2011		3/2/2011		
Analyte				Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Acetone	NV	NV	NV	NA		0.322	U		NA			NA		0.322	U		NA			NA		0.322	U	
Benzene	10	5	NV	NA		0.049	U		NA			NA		0.049	U		NA			NA		0.049	U	
Bromomethane	NV	NV	NV	NA		0.276	U		NA			NA		0.276	U		NA			NA		0.276	U	
Chloromethane	NV	NV	NV	NA		0.076	U		NA			NA		0.076	U		NA			NA		0.076	U	
Naphthalene	30	NV	NV	NA		0.175	U		NA			NA		0.175	U		NA			NA		0.175	U	
Toluene	750	1,000	NV	NA		0.078	U		NA			NA		0.078	U		NA			NA		0.078	U	
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Benzyl Alcohol	NV	NV	NV	NA		0.355	U		NA			NA		0.355	U		NA			NA		0.555	J	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA		0.191	U		NA			NA		0.191	U		NA			NA		0.191	U	
Di-n-butyl phthalate	NV	NV	NV	NA		0.189	U		NA			NA		0.189	U		NA			NA		0.189	U	
Fluorene	NV	NV	NV	NA		0.288	U		NA			NA		0.288	U		NA			NA		0.288	U	
Phenanthrene	NV	NV	NV	NA		0.304	U		NA			NA		0.304	U		NA			NA		0.304	U	
Pyrene	NV	NV	NV	NA		0.486	U		NA			NA		0.486	U		NA			NA		0.486	U	
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA		13	U		NA			NA		13	U		NA			NA		13	U	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA		44.2	U		NA			NA		44.2	U		NA			NA		44.2	U	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA		45.7	U		NA			NA		45.7	U		NA			NA		45.7	U	
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L		
Antimony	NV	6	3.1	NA		NA			**0.13**	B		NA		NA			**0.12**	B		NA		NA		
Arsenic	100	10	28.53	NA		NA			**0.058**	B		NA		NA			0.051	U		NA		NA		
Barium	1,000	2,000	30.13	NA		NA			0.0022	U		NA		NA			0.0022	U		NA		NA		
Calcium	NV	NV	1,151,301.20	NA		NA			989			NA		NA			1,030			NA		NA		
Chromium	50	100	2.5	NA		NA			**0.059**	B		NA		NA			**0.06**	B		NA		NA		
Cobalt	50	NV	2.6	NA		NA			0.0079	U		NA		NA			0.0079	U		NA		NA		
Copper	1,000	1,300	57.46	NA		NA			0.22			NA		NA			0.2			NA		NA		
Magnesium	NV	NV	3,630,926.70	NA		NA			10,100			NA		NA			10,500			NA		NA		
Manganese	200	50 [6]	118.65	NA		NA			**0.34**			NA		NA			**0.66**			NA		NA		
Nickel	200	NV	15.89	NA		NA			0.1	B		NA		NA			0.1	B		NA		NA		
Potassium	NV	NV	120,479.98	NA		NA			244			NA		NA			316			NA		NA		
Sodium	NV	NV	19,972,499.00	NA		NA			37,800			NA		NA			42,900			NA		NA		
Vanadium	NV	NV	73.73	NA		NA			0.016	U		NA		NA			0.016	U		NA		NA		
Zinc	10,000	5,000 [6]	56.28	NA		NA			0.054	U		NA		NA			0.054	U		NA		NA		
General Chemistry	mg/L	mg/L	mg/L	mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA		**331**			NA			NA		140			NA			NA		0.676		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA		**191,000**			NA			NA		**168,000**			NA			NA		**84,000**		
Perchlorate (USEPA SW846 6860)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Perchlorate	NV	15 [8]	NV	0.2	U	NA			NA			**17**		NA			NA			11		NA		

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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW59			AOCU-GW59		AOCU-GW64			AOCU-GW64			AOCU-GW64		AOCU-GW66			AOCU-GW66			AOCU-GW66	
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103030926			680-66203-8		21103030913			21103030927			680-66203-9		21103030914			21103030928			680-66203-10	
Date Sampled:				3/2/2011			3/2/2011		3/2/2011			3/2/2011			3/2/2011		3/2/2011			3/2/2011			3/2/2011	
Analyte				Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Acetone	NV	NV	NV	NA			NA		0.322	U		NA			NA		0.322	U		NA			NA	
Benzene	10	5	NV	NA			NA		0.049	U		NA			NA		0.049	U		NA			NA	
Bromomethane	NV	NV	NV	NA			NA		0.276	U		NA			NA		0.276	U		NA			NA	
Chloromethane	NV	NV	NV	NA			NA		0.076	U		NA			NA		0.076	U		NA			NA	
Naphthalene	30	NV	NV	NA			NA		0.175	U		NA			NA		0.175	U		NA			NA	
Toluene	750	1,000	NV	NA			NA		0.078	U		NA			NA		0.078	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Benzyl Alcohol	NV	NV	NV	NA			NA		0.355	U		NA			NA		0.355	U		NA			NA	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA			NA		0.191	U		NA			NA		0.191	U		NA			NA	
Di-n-butyl phthalate	NV	NV	NV	NA			NA		0.189	U		NA			NA		0.189	U		NA			NA	
Fluorene	NV	NV	NV	NA			NA		0.288	U		NA			NA		0.288	U		NA			NA	
Phenanthrene	NV	NV	NV	NA			NA		0.304	U		NA			NA		0.304	U		NA			NA	
Pyrene	NV	NV	NV	NA			NA		0.486	U		NA			NA		0.486	U		NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**mg/L**	**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA			NA		13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA			NA		44.2	U		NA			NA		44.2	U		NA			NA	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA			NA		45.7	U		NA			NA		45.7	U		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Antimony	NV	6	3.1	**0.096**	B		NA		NA			**0.1**	B		NA		NA			**0.094**	B		NA	
Arsenic	100	10	28.53	0.025	U		NA		NA			0.025	U		NA		NA			0.025	U		NA	
Barium	1,000	2,000	30.13	0.0011	U		NA		NA			0.0011	U		NA		NA			0.0011	U		NA	
Calcium	NV	NV	1,151,301.20	922			NA		NA			2,380			NA		NA			3,400			NA	
Chromium	50	100	2.5	0.025	B		NA		NA			0.026	B		NA		NA			0.028	B		NA	
Cobalt	50	NV	2.6	0.004	U		NA		NA			0.004	U		NA		NA			0.004	U		NA	
Copper	1,000	1,300	57.46	0.077	B		NA		NA			0.064	B		NA		NA			0.072	B		NA	
Magnesium	NV	NV	3,630,926.70	6,470			NA		NA			6,290			NA		NA			5,790			NA	
Manganese	200	50 [6]	118.65	**0.34**			NA		NA			0.055	B		NA		NA			0.012	U		NA	
Nickel	200	NV	15.89	0.058	B		NA		NA			0.053	B		NA		NA			0.06	B		NA	
Potassium	NV	NV	120,479.98	179			NA		NA			165			NA		NA			144			NA	
Sodium	NV	NV	19,972,499.00	30,800			NA		NA			24,800			NA		NA			21,000			NA	
Vanadium	NV	NV	73.73	0.0082	U		NA		NA			0.0082	U		NA		NA			0.0082	U		NA	
Zinc	10,000	5,000 [6]	56.28	0.027	U		NA		NA			0.027	U		NA		NA			0.027	U		NA	
General Chemistry	**mg/L**	**mg/L**	**mg/L**	**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA			NA		42			NA			NA		83.5			NA			NA	
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA			NA		**113,000**			NA			NA		**114,000**			NA			NA	
Perchlorate (USEPA SW846 6860)	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Perchlorate	NV	15 [8]	NV	NA			0.11	JM	NA			NA			4.4		NA			NA			4.4	

Notes:

NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NV = No Value
NA = Not Analyzed
MDL = Method Detection Limit
RDL = Reporting Detection Limit
NMED = New Mexico Environment Department
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier

Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
B = (Inorganics) Indicates the result is between the RDL and the MDL
M = Manual integrated compound

Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
A = Denotes a field duplicate sample

[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103 (January 15, 2001)
[2] USEPA National Primary Drinking Water Regulation MCLs (816-F-09-004, May 2009)
[3] Established in the *Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NationView/Bhate JV III, October 2009)
[4] If results are not detected (U) then the value is set at the MDL
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
[6] USEPA Secondary Drinking Water Standard (May 2009)
[7] Values established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, October 2009) and derived from the Total Groundwater UTL
[8] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)

Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
Indicates combined TPH-GRO/DRO/ORO analytical results above the NMED TPH Screening Guideline for Kerosene and Jet Fuel, Concentration in Groundwater, Table 2b
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the Basewide Background UTL
Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW68			AOCU-GW68			AOCU-GW68		AOCU-GW69			AOCU-GW69			AOCU-GW69		AOCU-GW69-A			AOCU-GW69-A		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103030904			21103030918			680-66162-1		21103030907			21103030919			680-66162-2		21103030908			21103030920		
Date Sampled:				3/1/2011			3/1/2011			3/1/2011		3/1/2011			3/1/2011			3/1/2011		3/1/2011			3/1/2011		
Analyte				Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Acetone	NV	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA		0.322	U		NA		
Benzene	10	5	NV	0.049	U		NA			NA		0.049	U		NA			NA		0.049	U		NA		
Bromomethane	NV	NV	NV	0.276	U		NA			NA		0.276	U		NA			NA		0.276	U		NA		
Chloromethane	NV	NV	NV	0.076	U		NA			NA		0.076	U		NA			NA		0.076	U		NA		
Naphthalene	30	NV	NV	0.175	U		NA			NA		0.175	U		NA			NA		0.175	U		NA		
Toluene	750	1,000	NV	0.078	U		NA			NA		0.078	U		NA			NA		0.078	U		NA		
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Benzyl Alcohol	NV	NV	NV	0.355	U		NA			NA		0.355	U		NA			NA		0.355	U		NA		
bis(2-Ethylhexyl)phthalate	NV	NV	NV	0.191	U		NA			NA		0.191	U		NA			NA		0.191	U		NA		
Di-n-butyl phthalate	NV	NV	NV	0.189	U		NA			NA		0.189	U		NA			NA		0.189	U		NA		
Fluorene	NV	NV	NV	0.288	U		NA			NA		0.288	U		NA			NA		0.288	U		NA		
Phenanthrene	NV	NV	NV	0.304	U		NA			NA		0.304	U		NA			NA		0.304	U		NA		
Pyrene	NV	NV	NV	0.486	U		NA			NA		0.486	U		NA			NA		0.486	U		NA		
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	13	U		NA			NA		13	U		NA			NA		13	U		NA		
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	44.2	U		NA			NA		44.2	U		NA			NA		44.2	U		NA		
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	45.7	U		NA			NA		45.7	U		NA			NA		45.7	U		NA		
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Antimony	NV	6	3.1	NA			**0.031**	B		NA		NA			**0.049**	B		NA		NA			0.02	U	
Arsenic	100	10	28.53	NA			**0.031**	B		NA		NA			0.02	B		NA		NA			0.021	B	
Barium	1,000	2,000	30.13	NA			0.00055	U		NA		NA			0.00055	U		NA		NA			0.00055	U	
Calcium	NV	NV	1,151,301.20	NA			1,670			NA		NA			1,940			NA		NA			1,900		
Chromium	50	100	2.5	NA			0.007	B	J	NA		NA			0.0055	B	J	NA		NA			0.0031	B	J
Cobalt	50	NV	2.6	NA			0.002	U		NA		NA			0.002	U		NA		NA			0.002	U	
Copper	1,000	1,300	57.46	NA			0.0069	U		NA		NA			0.0069	U		NA		NA			0.0069	U	
Magnesium	NV	NV	3,630,926.70	NA			2,290			NA		NA			2,530			NA		NA			2,590		
Manganese	200	50 [6]	118.65	NA			**0.19**			NA		NA			**0.27**			NA		NA			**0.23**		
Nickel	200	NV	15.89	NA			0.019	B		NA		NA			0.023	B		NA		NA			0.024	B	
Potassium	NV	NV	120,479.98	NA			94.2			NA		NA			95.1			NA		NA			94.2		
Sodium	NV	NV	19,972,499.00	NA			11,200			NA		NA			12,000			NA		NA			12,100		
Vanadium	NV	NV	73.73	NA			0.0041	U		NA		NA			0.0041	U		NA		NA			0.0041	U	
Zinc	10,000	5,000 [6]	56.28	NA			0.014	U		NA		NA			0.014	U		NA		NA			0.014	U	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	54.3			NA			NA		42.5			NA			NA		46.6			NA		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	**66,800**			NA			NA		54,500			NA			NA		**67,300**			NA		
Perchlorate (USEPA SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Perchlorate	NV	15 [8]	NV	NA			NA			2.8		NA			NA			14		NA			NA		

Notes:

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[6] USEPA Secondary Drinking Water Standard (May 2009)
[7] Values established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, October 2009) and derived from the Total Groundwater UTL
[8] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)

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Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW69-A		AOCU-GW71			AOCU-GW71			AOCU-GW71		AOCU-GW72			AOCU-GW72			AOCU-GW72		AOCU-GW73		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	680-66162-3		21103030905			21103030921			680-66162-4		21103030902			21103030922			680-66162-5		21103030901		
Date Sampled:				3/1/2011		3/1/2011			3/1/2011			3/1/2011		3/1/2011			3/1/2011			3/1/2011		3/1/2011		
Analyte				Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**		
Acetone	NV	NV	NV	NA		0.322	U		NA			NA		0.322	U		NA			NA		0.322	U	
Benzene	10	5	NV	NA		1.63	J		NA			NA		0.049	U		NA			NA		0.049	U	
Bromomethane	NV	NV	NV	NA		0.276	U		NA			NA		0.276	U		NA			NA		0.276	U	
Chloromethane	NV	NV	NV	NA		0.076	U		NA			NA		0.076	U		NA			NA		0.076	U	
Naphthalene	30	NV	NV	NA		0.175	U		NA			NA		0.175	U		NA			NA		0.175	U	
Toluene	750	1,000	NV	NA		2.31	J		NA			NA		0.078	U		NA			NA		0.078	U	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**		
Benzyl Alcohol	NV	NV	NV	NA		0.355	U		NA			NA		0.355	U		NA			NA		0.355	U	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA		0.191	U		NA			NA		0.191	U		NA			NA		0.191	U	
Di-n-butyl phthalate	NV	NV	NV	NA		0.189	U		NA			NA		0.189	U		NA			NA		0.189	U	
Fluorene	NV	NV	NV	NA		0.288	U		NA			NA		0.288	U		NA			NA		0.288	U	
Phenanthrene	NV	NV	NV	NA		0.304	U		NA			NA		0.304	U		NA			NA		0.304	U	
Pyrene	NV	NV	NV	NA		0.486	U		NA			NA		0.486	U		NA			NA		0.486	U	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**mg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA		13	U		NA			NA		13	U		NA			NA		13	U	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA		44.2	U		NA			NA		44.2	U		NA			NA		44.2	U	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA		45.7	U		NA			NA		45.7	U		NA			NA		45.7	U	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**		
Antimony	NV	6	3.1	NA		NA			**0.021**	B		NA		NA			**0.05**	B		NA		NA		
Arsenic	100	10	28.53	NA		NA			**0.03**	B		NA		NA			**0.071**			NA		NA		
Barium	1,000	2,000	30.13	NA		NA			0.00055	U		NA		NA			0.00055	U		NA		NA		
Calcium	NV	NV	1,151,301.20	NA		NA			1,050			NA		NA			806			NA		NA		
Chromium	50	100	2.5	NA		NA			0.0093	B	J	NA		NA			0.0067	B	J	NA		NA		
Cobalt	50	NV	2.6	NA		NA			0.002	U		NA		NA			0.002	U		NA		NA		
Copper	1,000	1,300	57.46	NA		NA			0.014	B		NA		NA			0.0069	U		NA		NA		
Magnesium	NV	NV	3,630,926.70	NA		NA			2,040			NA		NA			2,760			NA		NA		
Manganese	200	50 [6]	118.65	NA		NA			0.016	B		NA		NA			**0.22**			NA		NA		
Nickel	200	NV	15.89	NA		NA			0.018	B		NA		NA			0.021	B		NA		NA		
Potassium	NV	NV	120,479.98	NA		NA			60			NA		NA			103			NA		NA		
Sodium	NV	NV	19,972,499.00	NA		NA			10,200			NA		NA			16,200			NA		NA		
Vanadium	NV	NV	73.73	NA		NA			0.0041	U		NA		NA			0.0041	U		NA		NA		
Zinc	10,000	5,000 [6]	56.28	NA		NA			0.014	U		NA		NA			0.014	U		NA		NA		
General Chemistry	**mg/L**	**mg/L**	**mg/L**	**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA		37.2			NA			NA		0.011			NA			NA		7.17		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA		41,400			NA			NA		62,500			NA			NA		65,300		
Perchlorate (USEPA SW846 6860)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**		
Perchlorate	NV	15 [8]	NV	13		NA			NA			**15**		NA			NA			0.18	J	NA		

Notes:

NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NV = No Value
NA = Not Analyzed
MDL = Method Detection Limit
RDL = Reporting Detection Limit
NMED = New Mexico Environment Department
Q = Laboratory Qualifier
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Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
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Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
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[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103 (January 15, 2001)
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[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
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Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW73			AOCU-GW73		AOCU-GW75			AOCU-GW75			AOCU-GW75		AOCU-GW75A			AOCU-GW75A			AOCU-GW75A	
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103030923			680-66162-6		21103021605			21103021619			680-66093-1		21103021604			21103021620			680-66093-2	
Date Sampled:				3/1/2011			3/1/2011		2/28/2011			2/28/2011			2/28/2011		2/28/2011			2/28/2011			2/28/2011	
Analyte				Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Acetone	NV	NV	NV	NA			NA		0.322	U		NA			NA		0.322	U		NA			NA	
Benzene	10	5	NV	NA			NA		0.049	U		NA			NA		0.049	U		NA			NA	
Bromomethane	NV	NV	NV	NA			NA		0.276	U		NA			NA		0.276	U		NA			NA	
Chloromethane	NV	NV	NV	NA			NA		0.076	U		NA			NA		0.076	U		NA			NA	
Naphthalene	30	NV	NV	NA			NA		0.175	U		NA			NA		0.175	U		NA			NA	
Toluene	750	1,000	NV	NA			NA		0.078	U		NA			NA		0.078	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Benzyl Alcohol	NV	NV	NV	NA			NA		0.355	U		NA			NA		0.355	U		NA			NA	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA			NA		0.191	U		NA			NA		0.191	U		NA			NA	
Di-n-butyl phthalate	NV	NV	NV	NA			NA		0.189	U		NA			NA		0.189	U		NA			NA	
Fluorene	NV	NV	NV	NA			NA		0.288	U		NA			NA		0.288	U		NA			NA	
Phenanthrene	NV	NV	NV	NA			NA		0.304	U		NA			NA		0.304	U		NA			NA	
Pyrene	NV	NV	NV	NA			NA		0.486	U		NA			NA		0.486	U		NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA			NA		13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA			NA		693			NA			NA		44.2	U		NA			NA	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA			NA		98.2	J		NA			NA		45.7	U		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L	
Antimony	NV	6	3.1	0.02	U		NA		NA			**0.065**	B		NA		NA			**0.054**	B		NA	
Arsenic	100	10	28.53	**0.029**	B		NA		NA			**0.058**	B		NA		NA			**0.045**	B		NA	
Barium	1,000	2,000	30.13	0.00055	U		NA		NA			0.0011	U		NA		NA			0.0011	U		NA	
Calcium	NV	NV	1,151,301.20	767			NA		NA			710			NA		NA			765			NA	
Chromium	50	100	2.5	0.0059	B	J	NA		NA			0.015	B		NA		NA			0.015	B		NA	
Cobalt	50	NV	2.6	0.0065	B		NA		NA			0.0076	B		NA		NA			0.0084	B		NA	
Copper	1,000	1,300	57.46	0.01	B		NA		NA			0.023	B		NA		NA			0.018	B		NA	
Magnesium	NV	NV	3,630,926.70	2,140			NA		NA			4,110			NA		NA			4,370			NA	
Manganese	200	50 [6]	118.65	**0.78**			NA		NA			**0.87**			NA		NA			**0.94**			NA	
Nickel	200	NV	15.89	0.02	B		NA		NA			0.033	B		NA		NA			0.038	B		NA	
Potassium	NV	NV	120,479.98	64.2			NA		NA			139			NA		NA			157			NA	
Sodium	NV	NV	19,972,499.00	11,200			NA		NA			24,000			NA		NA			26,500			NA	
Vanadium	NV	NV	73.73	0.0041	U		NA		NA			0.0082	U		NA		NA			0.0082	U		NA	
Zinc	10,000	5,000 [6]	56.28	0.014	U		NA		NA			0.027	U		NA		NA			0.027	U		NA	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L	
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA			NA		5.14			NA			NA		4.97			NA			NA	
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA			NA		60,600			NA			NA		**66,600**			NA			NA	
Perchlorate (USEPA SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Perchlorate	NV	15 [8]	NV	NA			2.1		NA			NA			0.31	J	NA			NA			0.3	J

Notes:

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Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
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Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW77			AOCU-GW77			AOCU-GW77		AOCU-GW78			AOCU-GW78			AOCU-GW78		AOCU-GW80			AOCU-GW80		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103021601			21103021621			680-66093-3		21103021602			21103021622			680-66093-4		21103021107			21103021623		
Date Sampled:				2/28/2011			2/28/2011			2/28/2011		2/28/2011			2/28/2011			2/28/2011		2/28/2011			2/28/2011		
Analyte				Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Acetone	NV	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA		0.322	U		NA		
Benzene	10	5	NV	0.049	U		NA			NA		0.049	U		NA			NA		0.049	U		NA		
Bromomethane	NV	NV	NV	0.276	U		NA			NA		0.276	U		NA			NA		0.276	U		NA		
Chloromethane	NV	NV	NV	0.076	U		NA			NA		0.076	U		NA			NA		0.076	U		NA		
Naphthalene	30	NV	NV	0.175	U		NA			NA		0.175	U		NA			NA		0.175	U		NA		
Toluene	750	1,000	NV	0.078	U		NA			NA		0.078	U		NA			NA		0.078	U		NA		
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Benzyl Alcohol	NV	NV	NV	0.355	U		NA			NA		0.425	J		NA			NA		0.355	U		NA		
bis(2-Ethylhexyl)phthalate	NV	NV	NV	0.191	U		NA			NA		0.191	U		NA			NA		0.191	U		NA		
Di-n-butyl phthalate	NV	NV	NV	0.189	U		NA			NA		0.189	U		NA			NA		0.189	U		NA		
Fluorene	NV	NV	NV	0.288	U		NA			NA		0.288	U		NA			NA		0.288	U		NA		
Phenanthrene	NV	NV	NV	0.304	U		NA			NA		0.304	U		NA			NA		0.304	U		NA		
Pyrene	NV	NV	NV	0.486	U		NA			NA		0.486	U		NA			NA		0.486	U		NA		
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	13	U		NA			NA		13	U		NA			NA		13	U		NA		
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	44.5	J		NA			NA		44.2	U		NA			NA		58.2	J		NA		
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	45.7	U		NA			NA		45.7	U		NA			NA		84.7	J		NA		
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Antimony	NV	6	3.1	NA			**0.023**	B		NA		NA			**0.022**	B		NA		NA			**0.027**	B	
Arsenic	100	10	28.53	NA			0.024	B		NA		NA			**0.03**	B		NA		NA			0.028	B	
Barium	1,000	2,000	30.13	NA			0.00055	U		NA		NA			0.005	B	J	NA		NA			0.00055	U	
Calcium	NV	NV	1,151,301.20	NA			641			NA		NA			629			NA		NA			613		
Chromium	50	100	2.5	NA			0.011	B		NA		NA			0.016	B		NA		NA			0.01	B	
Cobalt	50	NV	2.6	NA			0.002	U		NA		NA			0.002	U		NA		NA			0.002	U	
Copper	1,000	1,300	57.46	NA			0.032	B		NA		NA			0.048	B		NA		NA			0.0069	U	
Magnesium	NV	NV	3,630,926.70	NA			2,540			NA		NA			1,950			NA		NA			3,200		
Manganese	200	50 [6]	118.65	NA			0.0062	U		NA		NA			0.011	B		NA		NA			0.054	B	
Nickel	200	NV	15.89	NA			0.02	B		NA		NA			0.016	B		NA		NA			0.021	B	
Potassium	NV	NV	120,479.98	NA			71.8			NA		NA			66.3			NA		NA			154		
Sodium	NV	NV	19,972,499.00	NA			13,500			NA		NA			11,200			NA		NA			18,400		
Vanadium	NV	NV	73.73	NA			0.0041	U		NA		NA			0.0041	U		NA		NA			0.0041	U	
Zinc	10,000	5,000 [6]	56.28	NA			0.014	U		NA		NA			0.051	B		NA		NA			0.014	U	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	5.12			NA			NA		5.31			NA			NA		5.74			NA		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	44,400			NA			NA		39,600			NA			NA		51,400			NA		
Perchlorate (USEPA SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Perchlorate	NV	15 [8]	NV	NA			NA			1.1		NA			NA			0.18	J	NA			NA		

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Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW80		AOCU-GW82			AOCU-GW82			AOCU-GW82		AOCU-GW83			AOCU-GW83			AOCU-GW83		AOCU-GW84		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	680-66093-5		21103021104			21103021624			680-66093-6		21103021105			21103021625			680-66093-7		21103021617		
Date Sampled:				2/28/2011		2/28/2011			2/28/2011			2/28/2011		2/28/2011			2/28/2011			2/28/2011		3/1/2011		
Analyte				Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Acetone	NV	NV	NV	NA		0.322	U		NA			NA		5.59	J		NA			NA		0.322	U	
Benzene	10	5	NV	NA		0.049	U		NA			NA		0.049	U		NA			NA		0.049	U	
Bromomethane	NV	NV	NV	NA		0.276	U		NA			NA		0.276	U		NA			NA		0.276	U	
Chloromethane	NV	NV	NV	NA		0.076	U		NA			NA		0.076	U		NA			NA		0.076	U	
Naphthalene	30	NV	NV	NA		0.175	U		NA			NA		0.175	U		NA			NA		0.175	U	
Toluene	750	1,000	NV	NA		0.078	U		NA			NA		0.078	U		NA			NA		0.078	U	
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Benzyl Alcohol	NV	NV	NV	NA		0.355	U		NA			NA		0.355	U		NA			NA		0.643	J	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA		0.191	U		NA			NA		0.191	U		NA			NA		0.191	U	
Di-n-butyl phthalate	NV	NV	NV	NA		0.189	U		NA			NA		0.189	U		NA			NA		0.189	U	
Fluorene	NV	NV	NV	NA		0.288	U		NA			NA		0.288	U		NA			NA		0.288	U	
Phenanthrene	NV	NV	NV	NA		0.304	U		NA			NA		0.304	U		NA			NA		0.304	U	
Pyrene	NV	NV	NV	NA		0.486	U		NA			NA		0.486	U		NA			NA		0.486	U	
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA		13	U		NA			NA		13	U		NA			NA		13	U	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA		44.2	U		NA			NA		44.2	U		NA			NA		44.2	U	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA		45.7	U		NA			NA		45.7	U		NA			NA		45.7	U	
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L		
Antimony	NV	6	3.1	NA		NA			**0.023**	B		NA		NA			**0.027**	B		NA		NA		
Arsenic	100	10	28.53	NA		NA			0.02	B		NA		NA			**0.039**	B		NA		NA		
Barium	1,000	2,000	30.13	NA		NA			0.00055	U		NA		NA			0.00055	U		NA		NA		
Calcium	NV	NV	1,151,301.20	NA		NA			629			NA		NA			650			NA		NA		
Chromium	50	100	2.5	NA		NA			0.014	B		NA		NA			0.0098	B		NA		NA		
Cobalt	50	NV	2.6	NA		NA			0.002	U		NA		NA			0.0033	B		NA		NA		
Copper	1,000	1,300	57.46	NA		NA			0.074			NA		NA			0.0069	U		NA		NA		
Magnesium	NV	NV	3,630,926.70	NA		NA			989			NA		NA			2,860			NA		NA		
Manganese	200	50 [6]	118.65	NA		NA			0.0076	B		NA		NA			**0.25**			NA		NA		
Nickel	200	NV	15.89	NA		NA			0.011	B		NA		NA			0.019	B		NA		NA		
Potassium	NV	NV	120,479.98	NA		NA			23.7			NA		NA			83.1			NA		NA		
Sodium	NV	NV	19,972,499.00	NA		NA			4,930			NA		NA			14,200			NA		NA		
Vanadium	NV	NV	73.73	NA		NA			0.0041	U		NA		NA			0.0041	U		NA		NA		
Zinc	10,000	5,000 [6]	56.28	NA		NA			0.014	U		NA		NA			0.014	U		NA		NA		
General Chemistry	mg/L	mg/L	mg/L	mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA		8.01			NA			NA		0.11			NA			NA		13.5		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA		21,200			NA			NA		47,200			NA			NA		42,400		
Perchlorate (USEPA SW846 6860)	µg/L	µg/L	µg/L	µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L		
Perchlorate	NV	15 [8]	NV	0.43	J	NA			NA			1.0		NA			NA			0.2	U	NA		

Notes:

NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NV = No Value
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MDL = Method Detection Limit
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Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
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[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103 (January 15, 2001)
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[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
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[7] Values established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, October 2009) and derived from the Total Groundwater UTL
[8] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)

Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
Indicates combined TPH-GRO/DRO/ORO analytical results above the NMED TPH Screening Guideline for Kerosene and Jet Fuel, Concentration in Groundwater, Table 2b
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the Basewide Background UTL
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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW84			AOCU-GW84		AOCU-GW86			AOCU-GW86			AOCU-GW86		AOCU-GW89			AOCU-GW89			AOCU-GW89	
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103021632			680-66162-7		21103021616			21103021633			680-66162-8		21103021613			21103021634			680-66162-9	
Date Sampled:				3/1/2011			3/1/2011		3/1/2011			3/1/2011			3/1/2011		3/1/2011			3/1/2011			3/1/2011	
Analyte				Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Acetone	NV	NV	NV	NA			NA		0.322	U		NA			NA		0.322	U		NA			NA	
Benzene	10	5	NV	NA			NA		0.049	U		NA			NA		0.049	U		NA			NA	
Bromomethane	NV	NV	NV	NA			NA		0.276	U		NA			NA		0.276	U		NA			NA	
Chloromethane	NV	NV	NV	NA			NA		0.076	U		NA			NA		0.076	U		NA			NA	
Naphthalene	30	NV	NV	NA			NA		0.175	U		NA			NA		0.175	U		NA			NA	
Toluene	750	1,000	NV	NA			NA		0.078	U		NA			NA		0.078	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Benzyl Alcohol	NV	NV	NV	NA			NA		1.04	J		NA			NA		0.355	U		NA			NA	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA			NA		0.191	U		NA			NA		0.191	U		NA			NA	
Di-n-butyl phthalate	NV	NV	NV	NA			NA		0.189	U		NA			NA		0.189	U		NA			NA	
Fluorene	NV	NV	NV	NA			NA		0.288	U		NA			NA		0.288	U		NA			NA	
Phenanthrene	NV	NV	NV	NA			NA		0.304	U		NA			NA		0.304	U		NA			NA	
Pyrene	NV	NV	NV	NA			NA		0.486	U		NA			NA		0.486	U		NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA			NA		13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA			NA		44.2	U		NA			NA		44.2	U		NA			NA	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA			NA		45.7	U		NA			NA		45.7	U		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L	
Antimony	NV	6	3.1	**0.031**	B		NA		NA			0.02	U		NA		NA			**0.043**	B		NA	
Arsenic	100	10	28.53	0.027	B		NA		NA			**0.043**	B		NA		NA			0.025	U		NA	
Barium	1,000	2,000	30.13	0.00055	U		NA		NA			0.00055	U		NA		NA			0.0011	U		NA	
Calcium	NV	NV	1,151,301.20	801			NA		NA			611			NA		NA			665			NA	
Chromium	50	100	2.5	0.01	B	J	NA		NA			0.0047	B	J	NA		NA			0.011	B	J	NA	
Cobalt	50	NV	2.6	0.002	U		NA		NA			0.002	U		NA		NA			0.004	U		NA	
Copper	1,000	1,300	57.46	0.032	B		NA		NA			0.0069	B		NA		NA			0.014	U		NA	
Magnesium	NV	NV	3,630,926.70	1,690			NA		NA			2,230			NA		NA			6,210			NA	
Manganese	200	50 [6]	118.65	**0.39**			NA		NA			0.011	B	J	NA		NA			0.025	B		NA	
Nickel	200	NV	15.89	0.018	B		NA		NA			0.019	B		NA		NA			0.052	B		NA	
Potassium	NV	NV	120,479.98	73.6			NA		NA			56.1			NA		NA			177			NA	
Sodium	NV	NV	19,972,499.00	13,500			NA		NA			10,200			NA		NA			29,000			NA	
Vanadium	NV	NV	73.73	0.0041	U		NA		NA			0.0041	U		NA		NA			0.0082	U		NA	
Zinc	10,000	5,000 [6]	56.28	0.014	U		NA		NA			0.014	U		NA		NA			0.027	U		NA	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L			mg/L	
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA			NA		3.53			NA			NA		2.72			NA			NA	
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA			NA		45,200			NA			NA		**70,200**			NA			NA	
Perchlorate (USEPA SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L			µg/L	
Perchlorate	NV	15 [8]	NV	NA			13		NA			NA			0.67		NA			NA			3.6	

Notes:

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UTL = Upper Tolerance Limit
TAL = Target Analyte List
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J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
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Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
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[4] If results are not detected (U) then the value is set at the MDL
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW91			AOCU-GW91			AOCU-GW91		AOCU-GW93			AOCU-GW93			AOCU-GW93		AOCU-GW96			AOCU-GW96		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	21103021614			21103021635			680-66162-10		21103021108			21103021626			680-66093-8		21103021101			21103021627		
Date Sampled:				3/1/2011			3/1/2011			3/1/2011		2/28/2011			2/28/2011			2/28/2011		2/28/2011			2/28/2011		
Analyte				Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1
Volatile Organic Compounds (SW846 8260B)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Acetone	NV	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA		4.6	J		NA		
Benzene	10	5	NV	0.049	U		NA			NA		0.049	U		NA			NA		0.049	U		NA		
Bromomethane	NV	NV	NV	0.276	U		NA			NA		0.276	U		NA			NA		0.276	U		NA		
Chloromethane	NV	NV	NV	0.076	U		NA			NA		0.076	U		NA			NA		0.076	U		NA		
Naphthalene	30	NV	NV	0.175	U		NA			NA		0.175	U		NA			NA		0.175	U		NA		
Toluene	750	1,000	NV	0.078	U		NA			NA		0.078	U		NA			NA		0.078	U		NA		
Semi-Volatile Organic Compounds (8270C)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Benzyl Alcohol	NV	NV	NV	0.355	U		NA			NA		0.355	U		NA			NA		0.355	U		NA		
bis(2-Ethylhexyl)phthalate	NV	NV	NV	0.191	U		NA			NA		0.191	U		NA			NA		3.94	J		NA		
Di-n-butyl phthalate	NV	NV	NV	0.189	U		NA			NA		0.189	U		NA			NA		0.303	J		NA		
Fluorene	NV	NV	NV	0.288	U		NA			NA		0.288	U		NA			NA		0.642	J		NA		
Phenanthrene	NV	NV	NV	0.304	U		NA			NA		0.304	U		NA			NA		1.14	J		NA		
Pyrene	NV	NV	NV	0.486	U		NA			NA		0.486	U		NA			NA		0.563	J		NA		
Total Petroleum Hydrocarbons (SW846 8015B)	mg/L	mg/L	mg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	13	U		NA			NA		13	U		NA			NA		13	U		NA		
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	44.2	U		NA			NA		49.7	J		NA			NA		107	J		NA		
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	45.7	U		NA			NA		45.7	U		NA			NA		45.7	U		NA		
TAL Metals Analysis (SW846 6010B/7470A)	µg/L	µg/L	µg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Antimony	NV	6	3.1	NA			**0.049**	B		NA		NA			0.02	U		NA		NA			0.02	U	
Arsenic	100	10	28.53	NA			**0.083**	B		NA		NA			**0.037**	B		NA		NA			**0.032**	B	
Barium	1,000	2,000	30.13	NA			0.0011	U		NA		NA			0.00055	U		NA		NA			0.00055	U	
Calcium	NV	NV	1,151,301.20	NA			554			NA		NA			726			NA		NA			840		
Chromium	50	100	2.5	NA			0.0034	U		NA		NA			0.0029	B		NA		NA			0.0097	B	
Cobalt	50	NV	2.6	NA			0.004	U		NA		NA			0.0043	B		NA		NA			0.0023	B	
Copper	1,000	1,300	57.46	NA			0.014	U		NA		NA			0.0069	U		NA		NA			0.0069	U	
Magnesium	NV	NV	3,630,926.70	NA			8,110			NA		NA			3,860			NA		NA			3,340		
Manganese	200	50 [6]	118.65	NA			**0.18**			NA		NA			0.0062	U		NA		NA			0.047	B	
Nickel	200	NV	15.89	NA			0.051	B		NA		NA			0.024	B		NA		NA			0.023	B	
Potassium	NV	NV	120,479.98	NA			278			NA		NA			155			NA		NA			145		
Sodium	NV	NV	19,972,499.00	NA			39,100			NA		NA			22,700			NA		NA			18,900		
Vanadium	NV	NV	73.73	NA			0.0082	U		NA		NA			0.0041	U		NA		NA			0.0041	U	
Zinc	10,000	5,000 [6]	56.28	NA			0.027	U		NA		NA			0.014	U		NA		NA			0.014	U	
General Chemistry	mg/L	mg/L	mg/L	mg/L			mg/L			mg/L		mg/L			mg/L			mg/L		mg/L			mg/L		
Nitrate (USEPA 353.2)	10	10	216.86 [7]	**605**			NA			NA		1.89			NA			NA		0.207			NA		
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	**91,000**			NA			NA		65,000			NA			NA		53,600			NA		
Perchlorate (USEPA SW846 6860)	µg/L	µg/L	µg/L	µg/L			µg/L			µg/L		µg/L			µg/L			µg/L		µg/L			µg/L		
Perchlorate	NV	15 [8]	NV	NA			NA			**42**		NA			NA			2.8		NA			NA		

Notes:

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Table 3
RFI Groundwater Analytical Results (February/March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background	AOCU-GW96		AOCU-GW98			AOCU-GW98			AOCU-GW98		AOCU-GW100			AOCU-GW100			AOCU-GW100	
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	Dissolved Metals in Groundwater UTL [3]	680-66093-9		21103021607			21103021628			680-66093-10		21103021102			21103021631			680-66093-11	
Date Sampled:				2/28/2011		2/28/2011			2/28/2011			2/28/2011		2/28/2011			2/28/2011			2/28/2011	
Analyte				Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q	Result [4]	Q	Q1	Result [4]	Q	Q1	Result [4]	Q
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Acetone	NV	NV	NV	NA		0.322	U		NA			NA		0.322	U		NA			NA	
Benzene	10	5	NV	NA		0.049	U		NA			NA		0.049	U		NA			NA	
Bromomethane	NV	NV	NV	NA		0.276	U		NA			NA		0.276	U		NA			NA	
Chloromethane	NV	NV	NV	NA		0.076	U		NA			NA		0.076	U		NA			NA	
Naphthalene	30	NV	NV	NA		0.175	U		NA			NA		0.175	U		NA			NA	
Toluene	750	1,000	NV	NA		0.078	U		NA			NA		0.078	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Benzyl Alcohol	NV	NV	NV	NA		0.355	U		NA			NA		0.355	U		NA			NA	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NA		0.191	U		NA			NA		0.191	U		NA			NA	
Di-n-butyl phthalate	NV	NV	NV	NA		0.189	U		NA			NA		0.189	U		NA			NA	
Fluorene	NV	NV	NV	NA		0.288	U		NA			NA		0.288	U		NA			NA	
Phenanthrene	NV	NV	NV	NA		0.304	U		NA			NA		0.304	U		NA			NA	
Pyrene	NV	NV	NV	NA		0.486	U		NA			NA		0.486	U		NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**mg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Gasoline Range Organics (C6-C10)	15.7 [5]	NV	NV	NA		13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	15.7 [5]	NV	NV	NA		44.2	U		NA			NA		44.2	U		NA			NA	
Oil Range Organics (>C22-C36)	15.7 [5]	NV	NV	NA		45.7	U		NA			NA		45.7	U		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Antimony	NV	6	3.1	NA		NA			**0.022**	B		NA		NA			0.02	U		NA	
Arsenic	100	10	28.53	NA		NA			0.025	B		NA		NA			0.013	U		NA	
Barium	1,000	2,000	30.13	NA		NA			0.00055	U		NA		NA			0.00055	U		NA	
Calcium	NV	NV	1,151,301.20	NA		NA			638			NA		NA			828			NA	
Chromium	50	100	2.5	NA		NA			0.0092	B		NA		NA			0.013	B		NA	
Cobalt	50	NV	2.6	NA		NA			0.002	U		NA		NA			0.0021	B		NA	
Copper	1,000	1,300	57.46	NA		NA			0.017	B		NA		NA			0.069			NA	
Magnesium	NV	NV	3,630,926.70	NA		NA			1,820			NA		NA			1,020			NA	
Manganese	200	50 [6]	118.65	NA		NA			0.017	B		NA		NA			**0.28**			NA	
Nickel	200	NV	15.89	NA		NA			0.016	B		NA		NA			0.01	B		NA	
Potassium	NV	NV	120,479.98	NA		NA			31.2			NA		NA			29.5			NA	
Sodium	NV	NV	19,972,499.00	NA		NA			7,890			NA		NA			4,800			NA	
Vanadium	NV	NV	73.73	NA		NA			0.0041	U		NA		NA			0.0041	U		NA	
Zinc	10,000	5,000 [6]	56.28	NA		NA			0.014	U		NA		NA			0.014	U		NA	
General Chemistry	**mg/L**	**mg/L**	**mg/L**	**mg/L**		**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Nitrate (USEPA 353.2)	10	10	216.86 [7]	NA		5.66			NA			NA		2.63			NA			NA	
Solids, Total Dissolved (SM 2540 C)	1,000	500 [6]	65,956.58 [7]	NA		30,200			NA			NA		21,000			NA			NA	
Perchlorate (USEPA SW846 6860)	**µg/L**	**µg/L**	**µg/L**	**µg/L**		**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Perchlorate	NV	15 [8]	NV	0.14	J	NA			NA			0.78		NA			NA			0.15	J

Notes:

NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NV = No Value
NA = Not Analyzed
MDL = Method Detection Limit
RDL = Reporting Detection Limit
NMED = New Mexico Environment Department
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier

Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
B = (Inorganics) Indicates the result is between the RDL and the MDL
M = Manual integrated compound

Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
GW = Groundwater Sample
A = Denotes a field duplicate sample

[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103 (January 15, 2001)
[2] USEPA National Primary Drinking Water Regulation MCLs (816-F-09-004, May 2009)
[3] Established in the *Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NationView/Bhate JV III, October 2009)
[4] If results are not detected (U) then the value is set at the MDL
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in groundwater, Table 2b (October, 2006)
[6] USEPA Secondary Drinking Water Standard (May 2009)
[7] Values established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, October 2009) and derived from the Total Groundwater UTL
[8] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)

Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines
Indicates combined TPH-GRO/DRO/ORO analytical results above the NMED TPH Screening Guideline for Kerosene and Jet Fuel, Concentration in Groundwater, Table 2b
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the Basewide Background UTL
Indicates analytical results above the Basewide Background UTL (or no value), but below the New Mexico Groundwater Quality Standard, or USEPA MCL

Table 4
RFI Surface Water Analytical Results (March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	**Surface Water Screening Levels**		**AOCU-SW01**			**AOCU-SW01**			**AOCU-SW01**		**AOCU-SW02**			**AOCU-SW02**			**AOCU-SW02**	
Lab Sample Identification:	NMWQCC[1]	USEPA NRWQC [2]	**21103080923**			**21103080936**			**680-66263-16**		**21103080924**			**21103080937**			**680-66263-17**	
Date Sampled:			**3/6/2011**			**3/6/2011**			**3/6/2011**		**3/6/2011**			**3/6/2011**			**3/6/2011**	
Analyte			**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Acetone	NV	NV	0.322	U		NA			NA		5.38	J		NA			NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
All SVOCs	NV	NV	ND			NA			NA		ND			NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Gasoline Range Organics (C6-C10)	NV	NV	13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	NV	NV	44.2	U		NA			NA		680			NA			NA	
Oil Range Organics (>C22-C36)	NV	NV	50.5	J		NA			NA		1,150			NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Antimony	5.6	5.6	NA			**0.03**	B		NA		NA			**0.027**	B		NA	
Calcium	NV	NV	NA			1,160			NA		NA			951			NA	
Chromium	100	100	NA			0.013	B		NA		NA			0.012	B		NA	
Copper	1,300	1,300	NA			0.033	B		NA		NA			0.039	B		NA	
Magnesium	NV	NV	NA			3,050		J	NA		NA			2,850		J	NA	
Manganese	NV	50 [5]	NA			0.0062	U		NA		NA			**0.16**			NA	
Nickel	100	610	NA			0.03	B		NA		NA			0.029	B		NA	
Potassium	NV	NV	NA			80.8			NA		NA			95.3			NA	
Sodium	NV	NV	NA			14,500			NA		NA			16,100			NA	
Vanadium	100 [4]	NV	NA			0.0041	U	UJ	NA		NA			0.0041	U	UJ	NA	
Zinc	7,400	7,400	NA			0.014	U		NA		NA			0.014	U		NA	
General Chemistry	**mg/L**	**mg/L**	**mg/L[7]**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Nitrate (USEPA 353.2)	10	10	6.59			NA			NA		0.628			NA			NA	
Calcium (SM 2340 B)	NV	NV	1,150			NA			NA		969			NA			NA	
Hardness (SM 2340 B)	NV	NV	15,100			NA			NA		14,300			NA			NA	
Magnesium (SM 2340 B)	NV	NV	2,980			NA			NA		2,880			NA			NA	
Solids, Total Dissolved (SM 2540 C)	NV	250 [5]	**50,000**			NA			NA		**57,600**			NA			NA	
pH (SM 4500 H^+B/SW846 9040A)	NV	5 to 9 [5]	8.19			NA			NA		8.3			NA			NA	
Perchlorate (SW846 6860)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Perchlorate	NV	15 [6]	NA			NA			10		NA			NA			0.32	J

Notes:
NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
NRWQC = National Recommended Water Quality Criteria
UTL = Upper Tolerance Limit
TAL = Total Analyte List
µg/L = micrograms per liter
mg/L = milligrams per liter
SVOCs = Semi-volatile Organic Compounds
ND = All SVOCs not detected
NV = No Value
NA = Not Analyzed
MDL = Method Detection Limit
RDL = Reporting Detection Limit
NMED = New Mexico Environment Department
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier
Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
B = (Inorganics) Indicates the result is between the RDL and the MDL
M = Manual integrated compound
Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
SW = Surface water Sample
A = Denotes a field duplicate sample

[1] Water quaility numeric criteria for surface water, domestic water supply, New Mexico Administrative Code 20.6.4.900 (October 12, 2000)
[2] USEPA NRWQC for Priority Pollutants, Human Health for the consumption of Water + Organism (http://water.epa.gov/scitech/swguidance/standards/current/index.cfm)
[3] If results are not detected (U) then the value is set at the MDL
[4] Water quality numeric criteria for surface water, Irrigation/Livestock Watering (no value established for Domestic Water Supply), New Mexico Administrative Code 20.6.4.900.
[5] USEPA NRWQC for Non Priority Pollutants, Human Health for the consumption of Water + Organism (http://water.epa.gov/scitech/swguidance/standards/current/index.cfm) (2009)
[6] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)
[7] Units for pH are Standard Units
Bold value indicates analytes above the NMWQCC numeric criteria for surface water or the USEPA NRWQC

Table 4
RFI Surface Water Analytical Results (March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	Surface Water Screening Levels		AOCU-SW03			AOCU-SW03			AOCU-SW03		AOCU-SW03-A			AOCU-SW03-A			AOCU-SW03-A	
Lab Sample Identification:	NMWQCC[1]	USEPA NRWQC [2]	21103080916			21103080938			680-66263-18		21103080917			21103080939			680-66263-19	
Date Sampled:			3/6/2011			3/6/2011			3/6/2011		3/6/2011			3/6/2011			3/6/2011	
Analyte			Result [3]	Q	Q1	Result [3]	Q	Q1	Result [3]	Q	Result [3]	Q	Q1	Result [3]	Q	Q1	Result [3]	Q
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Acetone	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
All SVOCs	NV	NV	ND			NA			NA		ND			NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Gasoline Range Organics (C6-C10)	NV	NV	13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	NV	NV	44.2	U		NA			NA		50.8	J		NA			NA	
Oil Range Organics (>C22-C36)	NV	NV	45.7	U		NA			NA		57.4	J		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Antimony	5.6	5.6	NA			**0.028**	B		NA		NA			**0.033**	B		NA	
Calcium	NV	NV	NA			842			NA		NA			874			NA	
Chromium	100	100	NA			0.0075	B	J	NA		NA			0.015	B	J	NA	
Copper	1,300	1,300	NA			0.14		J	NA		NA			0.085		J	NA	
Magnesium	NV	NV	NA			1,300		J	NA		NA			1,510		J	NA	
Manganese	NV	50 [5]	NA			**0.08**		J	NA		NA			0.045	B	J	NA	
Nickel	100	610	NA			0.047	B	J	NA		NA			0.019	B	J	NA	
Potassium	NV	NV	NA			49.5			NA		NA			55.1			NA	
Sodium	NV	NV	NA			6,510			NA		NA			7,240			NA	
Vanadium	100 [4]	NV	NA			0.0041	U	UJ	NA		NA			0.042	B	J	NA	
Zinc	7,400	7,400	NA			0.059	B		NA		NA			0.014	U		NA	
General Chemistry	**mg/L**	**mg/L**	**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Nitrate (USEPA 353.2)	10	10	0.938			NA			NA		0.966			NA			NA	
Calcium (SM 2340 B)	NV	NV	879			NA			NA		829			NA			NA	
Hardness (SM 2340 B)	NV	NV	8,030			NA			NA		8,070			NA			NA	
Magnesium (SM 2340 B)	NV	NV	1,420			NA			NA		1,460			NA			NA	
Solids, Total Dissolved (SM 2540 C)	NV	250 [5]	**20,400**			NA			NA		**22,000**			NA			NA	
pH (SM 4500 H^+B/SW846 9040A)	NV	5 to 9 [5]	7.66			NA			NA		7.74			NA			NA	
Perchlorate (SW846 6860)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Perchlorate	NV	15 [6]	NA			NA			0.31		NA			NA			0.29	

Notes:
NMWQCC = New Mexico Water Quality Control Commission
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mg/L = milligrams per liter
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ND = All SVOCs not detected
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AOCU = Lost River Basin (Area of Concern U)
SW = Surface water Sample
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[1] Water quaility numeric criteria for surface water, domestic water supply, New Mexico Administrative Code 20.6.4.900 (October 12, 2000)
[2] USEPA NRWQC for Priority Pollutants, Human Health for the consumption of Water + Organism (http://water.epa.gov/scitech/swguidance/standards/current/index.cfm)
[3] If results are not detected (U) then the value is set at the MDL
[4] Water quality numeric criteria for surface water, Irrigation/Livestock Watering (no value established for Domestic Water Supply), New Mexico Administrative Code 20.6.4.900.
[5] USEPA NRWQC for Non Priority Pollutants, Human Health for the consumption of Water + Organism (http://water.epa.gov/scitech/swguidance/standards/current/index.cfm) (2009)
[6] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)
[7] Units for pH are Standard Units
Bold value indicates analytes above the NMWQCC numeric criteria for surface water or the USEPA NRWQC

Table 4
RFI Surface Water Analytical Results (March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	**Surface Water Screening Levels**		**AOCU-SW01**			**AOCU-SW01**			**AOCU-SW01**		**AOCU-SW02**			**AOCU-SW02**			**AOCU-SW02**	
Lab Sample Identification:	NMWQCC[1]	USEPA NRWQC [2]	**21103080923**			**21103080936**			**680-66263-16**		**21103080924**			**21103080937**			**680-66263-17**	
Date Sampled:			**3/6/2011**			**3/6/2011**			**3/6/2011**		**3/6/2011**			**3/6/2011**			**3/6/2011**	
Analyte			**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Acetone	NV	NV	0.322	U		NA			NA		5.38	J		NA			NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
All SVOCs	NV	NV	ND			NA			NA		ND			NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Gasoline Range Organics (C6-C10)	NV	NV	13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	NV	NV	44.2	U		NA			NA		680			NA			NA	
Oil Range Organics (>C22-C36)	NV	NV	50.5	J		NA			NA		1,150			NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Antimony	5.6	5.6	NA			**0.03**	B		NA		NA			**0.027**	B		NA	
Calcium	NV	NV	NA			1,160			NA		NA			951			NA	
Chromium	100	100	NA			0.013	B		NA		NA			0.012	B		NA	
Copper	1,300	1,300	NA			0.033	B		NA		NA			0.039	B		NA	
Magnesium	NV	NV	NA			3,050		J	NA		NA			2,850		J	NA	
Manganese	NV	50 [5]	NA			0.0062	U		NA		NA			**0.16**			NA	
Nickel	100	610	NA			0.03	B		NA		NA			0.029	B		NA	
Potassium	NV	NV	NA			80.8			NA		NA			95.3			NA	
Sodium	NV	NV	NA			14,500			NA		NA			16,100			NA	
Vanadium	100 [4]	NV	NA			0.0041	U	UJ	NA		NA			0.0041	U	UJ	NA	
Zinc	7,400	7,400	NA			0.014	U		NA		NA			0.014	U		NA	
General Chemistry	**mg/L**	**mg/L**	**mg/L[7]**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Nitrate (USEPA 353.2)	10	10	6.59			NA			NA		0.628			NA			NA	
Calcium (SM 2340 B)	NV	NV	1,150			NA			NA		969			NA			NA	
Hardness (SM 2340 B)	NV	NV	15,100			NA			NA		14,300			NA			NA	
Magnesium (SM 2340 B)	NV	NV	2,980			NA			NA		2,880			NA			NA	
Solids, Total Dissolved (SM 2540 C)	NV	250 [5]	**50,000**			NA			NA		**57,600**			NA			NA	
pH (SM 4500 H^+B/SW846 9040A)	NV	5 to 9 [5]	8.19			NA			NA		8.3			NA			NA	
Perchlorate (SW846 6860)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Perchlorate	NV	15 [6]	NA			NA			10		NA			NA			0.32	J

Notes:

NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
NRWQC = National Recommended Water Quality Criteria
UTL = Upper Tolerance Limit
TAL = Total Analyte List
µg/L = micrograms per liter
mg/L = milligrams per liter
SVOCs = Semi-volatile Organic Compounds
ND = All SVOCs not detected
NV = No Value
NA = Not Analyzed
MDL = Method Detection Limit
RDL = Reporting Detection Limit
NMED = New Mexico Environment Department
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier

Qualifiers
U = Not detected
J = Indicates an estimated value
B = (Organics) Indicates the analyte was detected in the associated Method Blank
B = (Inorganics) Indicates the result is between the RDL and the MDL
M = Manual integrated compound

Client Sample Nomenclature
AOCU = Lost River Basin (Area of Concern U)
SW = Surface water Sample
A = Denotes a field duplicate sample

[1] Water quaility numeric criteria for surface water, domestic water supply, New Mexico Administrative Code 20.6.4.900 (October 12, 2000)
[2] USEPA NRWQC for Priority Pollutants, Human Health for the consumption of Water + Organism (http://water.epa.gov/scitech/swguidance/standards/current/index.cfm)
[3] If results are not detected (U) then the value is set at the MDL
[4] Water quality numeric criteria for surface water, Irrigation/Livestock Watering (no value established for Domestic Water Supply), New Mexico Administrative Code 20.6.4.900.
[5] USEPA NRWQC for Non Priority Pollutants, Human Health for the consumption of Water + Organism (http://water.epa.gov/scitech/swguidance/standards/current/index.cfm) (2009)
[6] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)
[7] Units for pH are Standard Units
Bold value indicates analytes above the NMWQCC numeric criteria for surface water or the USEPA NRWQC

Table 4
RFI Surface Water Analytical Results (March 2011)
AOC-U Summary Report
Holloman AFB, New Mexico

Client Sample Identification:	**Surface Water Screening Levels**		**AOCU-SW03**			**AOCU-SW03**			**AOCU-SW03**		**AOCU-SW03-A**			**AOCU-SW03-A**			**AOCU-SW03-A**	
Lab Sample Identification:	NMWQCC[1]	USEPA NRWQC [2]	**21103080916**			**21103080938**			**680-66263-18**		**21103080917**			**21103080939**			**680-66263-19**	
Date Sampled:			**3/6/2011**			**3/6/2011**			**3/6/2011**		**3/6/2011**			**3/6/2011**			**3/6/2011**	
Analyte			**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**	**Q1**	**Result [3]**	**Q**
Volatile Organic Compounds (SW846 8260B)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Acetone	NV	NV	0.322	U		NA			NA		0.322	U		NA			NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
All SVOCs	NV	NV	ND			NA			NA		ND			NA			NA	
Total Petroleum Hydrocarbons (SW846 8015B)	**mg/L**	**mg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Gasoline Range Organics (C6-C10)	NV	NV	13	U		NA			NA		13	U		NA			NA	
Diesel Range Organics (C10-C22)	NV	NV	44.2	U		NA			NA		50.8	J		NA			NA	
Oil Range Organics (>C22-C36)	NV	NV	45.7	U		NA			NA		57.4	J		NA			NA	
TAL Metals Analysis (SW846 6010B/7470A)	**µg/L**	**µg/L**	**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Antimony	5.6	5.6	NA			**0.028**	B		NA		NA			**0.033**	B		NA	
Calcium	NV	NV	NA			842			NA		NA			874			NA	
Chromium	100	100	NA			0.0075	B	J	NA		NA			0.015	B	J	NA	
Copper	1,300	1,300	NA			0.14		J	NA		NA			0.085		J	NA	
Magnesium	NV	NV	NA			1,300		J	NA		NA			1,510		J	NA	
Manganese	NV	50 [5]	NA			**0.08**		J	NA		NA			0.045	B	J	NA	
Nickel	100	610	NA			0.047	B	J	NA		NA			0.019	B	J	NA	
Potassium	NV	NV	NA			49.5			NA		NA			55.1			NA	
Sodium	NV	NV	NA			6,510			NA		NA			7,240			NA	
Vanadium	100 [4]	NV	NA			0.0041	U	UJ	NA		NA			0.042	B	J	NA	
Zinc	7,400	7,400	NA			0.059	B		NA		NA			0.014	U		NA	
General Chemistry	**mg/L**	**mg/L**	**mg/L**			**mg/L**			**mg/L**		**mg/L**			**mg/L**			**mg/L**	
Nitrate (USEPA 353.2)	10	10	0.938			NA			NA		0.966			NA			NA	
Calcium (SM 2340 B)	NV	NV	879			NA			NA		829			NA			NA	
Hardness (SM 2340 B)	NV	NV	8,030			NA			NA		8,070			NA			NA	
Magnesium (SM 2340 B)	NV	NV	1,420			NA			NA		1,460			NA			NA	
Solids, Total Dissolved (SM 2540 C)	NV	250 [5]	**20,400**			NA			NA		**22,000**			NA			NA	
pH (SM 4500 H^+B/SW846 9040A)	NV	5 to 9 [5]	7.66			NA			NA		7.74			NA			NA	
Perchlorate (SW846 6860)	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**		**µg/L**			**µg/L**			**µg/L**	
Perchlorate	NV	15 [6]	NA			NA			0.31		NA			NA			0.29	

Notes:
NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
NRWQC = National Recommended Water Quality Criteria
UTL = Upper Tolerance Limit
TAL = Total Analyte List
µg/L = micrograms per liter
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SW = Surface water Sample
A = Denotes a field duplicate sample

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[2] USEPA NRWQC for Priority Pollutants, Human Health for the consumption of Water + Organism (http://water.epa.gov/scitech/swguidance/standards/current/index.cfm)
[3] If results are not detected (U) then the value is set at the MDL
[4] Water quality numeric criteria for surface water, Irrigation/Livestock Watering (no value established for Domestic Water Supply), New Mexico Administrative Code 20.6.4.900.
[5] USEPA NRWQC for Non Priority Pollutants, Human Health for the consumption of Water + Organism (http://water.epa.gov/scitech/swguidance/standards/current/index.cfm) (2009)
[6] USEPA, Interim Drinking Water Health Advisory for exposure to Perchlorate in water (December 2008)
[7] Units for pH are Standard Units
Bold value indicates analytes above the NMWQCC numeric criteria for surface water or the USEPA NRWQC

ATTACHMENTS

Attachment 1

Variances for Analytical Field Changes

1. Subcontracting GCAL, Inc., to perform the soil, groundwater and surface water analyses.

2. Added nitrate by USEPA Method 353.2 to the list of analytical parameters (soil, groundwater, and surface water).

3. Analyze groundwater and surface samples for perchlorate by USEPA Method 6860 (the perchlorate analyses were performed by TestAmerica, Inc. in Denver, Colorado).

VARIANCE FORM

Project/Phase Number: 809000601.010	**Site Name: AOC-U (Lost River Basin)**
Site Manager/Supervisor: James Moore/Dustin McNeil	**Location: Holloman Air Force Base**
Date Variance Takes Effect: February 8, 2011	**Date of Form Completion: February 8, 2011**

Original Requirement:

Accutest Laboratories in Orlando, Florida was selected to perform the soil, groundwater, and surface water chemical analyses (VOCs, SVOCs, TPH-GRO/DRO/ORO, TAL metals, perchlorate, and TDS [groundwater only]) in the AOC-U (Lost River Basin) RFI Work Plan (NationView, 2009).

Requirement Reference:

NationView. July 2009. *Final RCRA Facility Investigation Work Plan AOC-U Lost River Basin, Holloman AFB*, New Mexico. Page 6-9, Section 6.3.2, 3rd paragraph (last sentence) and 4th paragraph (last sentence); Page 6-15, Section 6.4.2, 1st paragraph (first sentence); Page 6-16, Section 6.4.2, 5th paragraph (last sentence) and 6th paragraph (first sentence); and Appendix A (HAFB QAPP Addendum, Section 2, 1st paragraph (first sentence).

Variance:

Gulf Coast Analytical Laboratories, Inc. (GCAL) in Baton Rouge, Louisiana has been selected to perform the soil and groundwater analyses for VOCs, SVOCs, TPH-GRO/DRO/ORO, TAL metals, nitrate (additional parameter, see Nitrate Variance form), and TDS (groundwater only). Revised the *Final RCRA Facility Investigation Work Plan AOC-U Lost River Basin, Holloman AFB,* where applicable (Sections 6.3.2, 6.4.2 and Appendix A, Section 2, QAPP Addendum).

Reason for Variance:

GCAL is certified by the National Environmental Laboratory Accreditation Conference (NELAC) and validated by the USACE and has extensive experience in working on USACE projects. Furthermore, GCAL can meet the project DQOs specified in Table 4-2 *Summary of QC Limits* (Appendix A, QAPP Addendum) and provided competitive rates (i.e., best value) for performing the requested analyses for all AOC-U soil and aqueous samples.

Approved by:

Name	Organization	Date

Communicated to the following Project Team Members:

Name	Date	Name	Date
Frank Gardner	**2/08/2011**	**Zachary Beck**	**2/08/2011**
James Moore	**2/08/2011**	**Craig McGriff**	**2/08/2011**
Dustin McNeil	**2/08/2011**	**Derrick Berry**	**2/08/2011**

VARIANCE FORM

Project/Phase Number: 8090006.01.010	**Site Name: AOC-U (Lost River Basin)**
Site Manager/Supervisor: James Moore/Dustin McNeil	**Location: Holloman Air Force Base**
Date Variance Takes Effect: February 8, 2011	**Date of Form Completion: February 8, 2011**

Original Requirement:

Collect and analyze one round of 50 groundwater samples for VOCs, SVOCs, TPH-GRO/DRO/ORO, TAL metals, perchlorate and TDS. Collect and analyze one round of 3 surface water samples for VOCs, SVOCs, TPH-GRO/DRO/ORO, TAL metals, perchlorate, TDS, pH, and hardness.

Requirement Reference:

NationView. July 2009. *Final RCRA Facility Investigation Work Plan AOC-U Lost River Basin, Holloman AFB, New Mexico*. Table 6-2 *Groundwater Sampling and Analysis* and Table 6-3 *Surface Water Sampling and Analysis.*

Variance:

Added nitrate (by USEPA method 353.2) to list of parameters for soil, groundwater, and surface water analysis. Revised the *Final RCRA Facility Investigation Work Plan AOC-U Lost River Basin, Holloman AFB*, New Mexico where applicable (Sections 6.3.3.3 and 6.3.4 and Tables 6-2 and 6-3).

Reason for Variance:

During a meeting with the New Mexico Environment Department (NMED) and the HAFB 49th CES/CEAN (on January 24, 2011, in Albuquerque, NM), the NMED requested that all samples (soil, groundwater, and surface water) also be analyzed for nitrate.

Approved by:

Name	Organization	Date

Communicated to the following Project Team Members:

Name	Date	Name	Date
Frank Gardner	**2/08/2011**	**Zachary Beck**	**2/08/2011**
James Moore	**2/08/2011**	**Craig McGriff**	**2/08/2011**
Dustin McNeil	**2/08/2011**	**Derrick Berry**	**2/08/2011**

VARIANCE FORM

Project/Phase Number: 8090006.01.010	**Site Name: AOC-U (Lost River Basin)**
Site Manager/Supervisor: James Moore/Dustin McNeil	**Location: Holloman Air Force Base**
Date Variance Takes Effect: February 8, 2011	**Date of Form Completion: February 8, 2011**

Original Requirement:

Collect one round of 50 groundwater samples and one round of 3 surface water samples for perchlorate analysis by USEPA Method 314.

Requirement Reference:

NationView. July 2009. *Final RCRA Facility Investigation Work Plan AOC-U Lost River Basin, Holloman AFB, New Mexico*. Table 6-2 *Groundwater Sampling and Analysis* and Table 6-3 *Surface Water Sampling and Analysis.*

Variance:

All of the groundwater and surface water samples will be analyzed for perchlorate by TestAmerica using USEPA Method 6860, which requires field filtration via a 0.45 micron filter.

Reason for Variance:

During the OT-37 groundwater sampling event (conducted in February 2010), 10 monitoring wells were sampled for perchlorate using EPA Method 314 (this method does not require field filtration). Due to matrix interference (elevated naturally occurring TDS), the method detection limit (MDL) was elevated in each sample (ranging from 40 to 100 micrograms per liter [µg/L]). This range of MDLs is above the USEPA Interim Drinking Water Health Advisory for perchlorate (15 µg/L). Therefore, all the samples were qualified "U" (not-detected) and values were set at the corresponding MDL. Note: All of the OT-37 monitoring wells were later re-sampled and analyzed using USEPA Method 6860.

In order to obtain a perchlorate detection limit that is lower than the USEPA Interim Drinking Water Health Advisory (15 µg/L), the AOC-U groundwater and surface water samples will be field filtered using a 0.45 micron filter and analyzed by TestAmerica using USEPA Method 6860 which has a method detection limit of 0.0088 µg/L.

Approved by:

Name	Organization	Date

Communicated to the following Project Team Members:

Name	Date	Name	Date
Frank Gardner	**2/08/2011**	**Zachary Beck**	**2/08/2011**
James Moore	**2/08/2011**	**Craig McGriff**	**2/08/2011**
Dustin McNeil	**2/08/2011**	**Derrick Berry**	**2/08/2011**

Attachment 2

Analytical Data Packages (Provided on CD)

1. Gulf Coast Analytical Laboratories, Inc.
2. TestAmerica, Inc.

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER ADE - 1482

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 GSRI Avenue

Baton Rouge, LA 70820

Report Date 04/04/2011

GCAL Report 211030216

Deliver To	NationView, LLC 445 Union Blvd. Suite 129 Denver, CO 80228 303-597-2450
Attn	Jim Moore

Customer NationView LLC

Project AOC-U RFI Investigarion

CASE NARRATIVE

Client: NationView LLC **Report:** 211030216

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

This report was resubmitted on 04/04/11. The data was revised to include estimated values in the report.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 451797, the MS/MSD exhibited recovery failures. The LCS and/or LCSD recoveries are above the upper control limit for Acrylonitrile. This compound was not detected in the associated samples. The MS/MSD recoveries for 2-Chloroethylvinyl ether are not applicable because this compound is not recovered in acidified samples. Acrylonitrile exhibited a % D value greater than 40 in the CCV and ICV. Acrylonitrile was not detected in any samples.

SEMI-VOLATILES MASS SPECTROMETRY

2,4-Dinitrophenol was recovered high in the ICV at 121%. There are no hits for 2,4-Dinitrophenol in any of the associated samples.

In the SW-846 8270C analysis, sample 21103021614 (AOCU-GW91) had one surrogate recovery outside control limits in the base-neutral fraction.

METALS

In the SW-846 6010B Dissolved analysis, samples 21103021621 (AOCU-GW77), 21103021622 (AOCU-GW78), 21103021624 (AOCU-GW82), 21103021625 (AOCU-GW83), 21103021631 (AOCU-GW100), 21103021623 (AOCU-GW80), 21103021626 (AOCU-GW93), 21103021628 (AOCU-GW98), 21103021629 (AOCU-GW98-MS), 21103021630 (AOCU-GW98-MSD), 21103021627 (AOCU-GW96), 21103021619 (AOCU-GW75), 21103021620 (AOCU-GW75A), 21103021632 (AOCU-GW84), 21103021634 (AOCU-GW89) and 21103021633 (AOCU-GW86) had to be diluted in order to bracket the concentration of a target analyte within the linear dynamic range of the instrument.

In the SW-846 6010B Dissolved analysis, sample 21103021635 (AOCU-GW91) had to be diluted in order to bracket the concentration within the calibration range of the instrument.

In the SW-846 6010B Dissolved analysis, a chemical or physical interference necessitated a dilution for samples 21103021621 (AOCU-GW77), 21103021622 (AOCU-GW78), 21103021623 (AOCU-GW80), 21103021624 (AOCU-GW82), 21103021625 (AOCU-GW83), 21103021626 (AOCU-GW93), 21103021627 (AOCU-GW96), 21103021631 (AOCU-GW100), 21103021628 (AOCU-GW98), 21103021629 (AOCU-GW98-MS), 21103021630 (AOCU-GW98-MSD), 21103021619 (AOCU-GW75), 21103021620 (AOCU-GW75A), 21103021632 (AOCU-GW84), 21103021633 (AOCU-GW86), 21103021634 (AOCU-GW89) and 21103021635 (AOCU-GW91). This is reflected in the elevated reporting limits.

In the SW-846 6010B Dissolved analysis for prep batch 451633, the MS and/or MSD recovery is outside the control limits for Vanadium. The LCS recovery is within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with a recovery of 94%. The MS/MSD recoveries are not applicable for Calcium,

Magnesium and Sodium because the sample concentration is greater than four times the spike concentration. Calcium, Barium and Sodium were detected in the method blank. The concentration was insignificant as compared to the concentration detected in the associated sample(s).

In the SW-846 6010B Dissolved analysis for prep batch 451727, the MS and/or MSD recoveries are outside the control limits for Thallium and Vanadium. The LCS recovery is within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with recoveries of 995% for Thallium and 92% for Vanadium. The MS/MSD recoveries are not applicable for Calcium, Magnesium, Potassium and Sodium because the sample concentration is greater than four times the spike concentration. Calcium, Barium, Magnesium, Manganese and Silver were detected in the method blank. The concentration was insignificant as compared to the concentration detected in the associated sample(s). Chromium was recovered outside of the established control limits for the LCS and/or LCSD.

In the SW-846 7470A analysis for prep batch 451729, the MS and/or MSD recovery is outside the control limits for Mercury. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference.

CONVENTIONALS

In the EPA 353.2 analysis, samples 21103021102 (AOCU-GW100), 21103021104 (AOCU-GW82), 21103021107 (AOCU-GW80), 21103021108 (AOCU-GW93), 21103021601 (AOCU-GW77), 21103021602 (AOCU-GW78), 21103021605 (AOCU-GW75), 21103021607 (AOCU-GW98), 21103021609 (AOCU-GW98-MS), 21103021610 (AOCU-GW98-MSD), 21103021613 (AOCU-GW89), 21103021614 (AOCU-GW91), 21103021616 (AOCU-GW86) and 21103021617 (AOCU-GW84) had to be diluted in order to bracket the concentration within the calibration range of the instrument.

In the SM 2540 C analysis, samples 21103021102 (AOCU-GW100), 21103021104 (AOCU-GW82), 21103021107 (AOCU-GW80), 21103021108 (AOCU-GW93), 21103021601 (AOCU-GW77), 21103021602 (AOCU-GW78), 21103021605 (AOCU-GW75), 21103021607 (AOCU-GW98), 21103021609 (AOCU-GW98-MS), 21103021610 (AOCU-GW98-MSD), 21103021611 (AOCU-GW98-DUP), 21103021613 (AOCU-GW89), 21103021614 (AOCU-GW91), 21103021616 (AOCU-GW86) and 21103021617 (AOCU-GW84) had to be diluted prior to filtration in order not to exceed the maximum residue allowed by the method.

In the EPA 353.2 analysis for analytical batch 451624, the MS/MSD recovery was outside the control limits for Nitrate. The LCS recovery was within control limits. This indicates the analysis is in control and the sample is affected by a matrix interference.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Robyn Migues
Technical Director
GCAL REPORT 211030216

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021101	AOCU-GW96	Water	02/28/2011 10:30	03/02/2011 09:20
21103021102	AOCU-GW100	Water	02/28/2011 09:15	03/02/2011 09:20
21103021103	TRIP BLANK	Water	02/28/2011 09:15	03/02/2011 09:20
21103021104	AOCU-GW82	Water	02/28/2011 10:15	03/02/2011 09:20
21103021105	AOCU-GW83	Water	02/28/2011 09:20	03/02/2011 09:20
21103021106	TRIP BLANK	Water	02/28/2011 09:20	03/02/2011 09:20
21103021107	AOCU-GW80	Water	02/28/2011 11:00	03/02/2011 09:20
21103021108	AOCU-GW93	Water	02/28/2011 12:00	03/02/2011 09:20
21103021109	TRIP BLANK	Water	02/28/2011 11:00	03/02/2011 09:20
21103021601	AOCU-GW77	Water	02/28/2011 14:10	03/02/2011 09:20
21103021602	AOCU-GW78	Water	02/28/2011 13:20	03/02/2011 09:20
21103021603	TRIP BLANK	Water	02/28/2011 13:20	03/02/2011 09:20
21103021604	AOCU-GW75A	Water	02/28/2011 15:15	03/02/2011 09:20
21103021605	AOCU-GW75	Water	02/28/2011 15:15	03/02/2011 09:20
21103021606	TRIP BLANK	Water	02/28/2011 15:15	03/02/2011 09:20
21103021607	AOCU-GW98	Water	02/28/2011 15:00	03/02/2011 09:20
21103021608	TRIP BLANK	Water	02/28/2011 15:00	03/02/2011 09:20
21103021609	AOCU-GW98-MS	Water	02/28/2011 15:00	03/02/2011 09:20
21103021610	AOCU-GW98-MSD	Water	02/28/2011 15:00	03/02/2011 09:20
21103021611	AOCU-GW98-DUP	Water	02/28/2011 15:00	03/02/2011 09:20
21103021612	TRIP BLANK	Water	02/28/2011 15:00	03/02/2011 09:20
21103021613	AOCU-GW89	Water	03/01/2011 09:00	03/02/2011 09:20
21103021614	AOCU-GW91	Water	03/01/2011 10:00	03/02/2011 09:20
21103021615	TRIP BLANK	Water	03/01/2011 09:00	03/02/2011 09:20
21103021616	AOCU-GW86	Water	03/01/2011 10:55	03/02/2011 09:20
21103021617	AOCU-GW84	Water	03/01/2011 09:20	03/02/2011 09:20
21103021618	TRIP BLANK	Water	03/01/2011 09:20	03/02/2011 09:20
21103021619	AOCU-GW75-M	Water	02/28/2011 15:16	03/02/2011 09:20
21103021620	AOCU-GW75A-M	Water	02/28/2011 15:16	03/02/2011 09:20
21103021621	AOCU-GW77-M	Water	02/28/2011 14:11	03/02/2011 09:20
21103021622	AOCU-GW78-M	Water	02/28/2011 13:21	03/02/2011 09:20
21103021623	AOCU-GW80-M	Water	02/28/2011 11:01	03/02/2011 09:20
21103021624	AOCU-GW82-M	Water	02/28/2011 10:16	03/02/2011 09:20
21103021625	AOCU-GW83-M	Water	02/28/2011 09:21	03/02/2011 09:20
21103021626	AOCU-GW93-M	Water	02/28/2011 12:01	03/02/2011 09:20
21103021627	AOCU-GW96-M	Water	02/28/2011 10:31	03/02/2011 09:20
21103021628	AOCU-GW98-M	Water	02/28/2011 15:01	03/02/2011 09:20
21103021629	AOCU-GW98-M-MS	Water	02/28/2011 15:01	03/02/2011 09:20
21103021630	AOCU-GW98-M-MSD	Water	02/28/2011 15:01	03/02/2011 09:20
21103021631	AOCU-GW100-M	Water	02/28/2011 09:16	03/02/2011 09:20
21103021632	AOCU-GW84-M	Water	03/01/2011 09:21	03/03/2011 08:50
21103021633	AOCU-GW86-M	Water	03/01/2011 10:56	03/03/2011 08:50
21103021634	AOCU-GW89-M	Water	03/01/2011 09:01	03/03/2011 08:50
21103021635	AOCU-GW91-M	Water	03/01/2011 10:01	03/03/2011 08:50

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021101	**AOCU-GW96**	Water	02/28/2011 10:30	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 17:52	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	**Acetone**	**4.60J**	**25**	**0.322**	**ug/L**
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021101	**AOCU-GW96**	Water	02/28/2011 10:30	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 17:52	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	49	ug/L	98	87 - 116
2037-26-5	Toluene d8	50	50.1	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 17:52	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021101	**AOCU-GW96**	Water	02/28/2011 10:30	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 09:48	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	**Bis(2-Ethylhexyl)phthalate**	**3.94J**	**10.0**	**0.191**	**ug/L**
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	**Di-n-butyl phthalate**	**0.303J**	**10.0**	**0.189**	**ug/L**
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	**Fluorene**	**0.642J**	**10.0**	**0.288**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021101	**AOCU-GW96**	Water	02/28/2011 10:30	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 09:48	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	**Phenanthrene**	**1.14J**	**10.0**	**0.304**	**ug/L**
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	**Pyrene**	**0.563J**	**10.0**	**0.486**	**ug/L**
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.5	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	38.1	ug/L	76	16 - 128
1718-51-0	Terphenyl-d14	50	38.7	ug/L	77	43 - 138
4165-62-2	Phenol-d5	100	49.3	ug/L	49	10 - 120
367-12-4	2-Fluorophenol	100	60.6	ug/L	61	10 - 120
118-79-6	2,4,6-Tribromophenol	100	63.3	ug/L	63	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 18:18	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**107J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	41	ug/L	82	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 19:53	BMR	451860

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.9	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021101	**AOCU-GW96**	Water	02/28/2011 10:30	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 18:18	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.4	ug/L	77	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**53600**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/02/2011 10:29	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.207**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021102	**AOCU-GW100**	Water	02/28/2011 09:15	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 18:15	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021102	**AOCU-GW100**	Water	02/28/2011 09:15	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 18:15	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.8	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	49.1	ug/L	98	87 - 116
2037-26-5	Toluene d8	50	51	ug/L	102	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51	ug/L	102	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 18:15	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021102	**AOCU-GW100**	Water	02/28/2011 09:15	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 10:04	KCB	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021102	**AOCU-GW100**	Water	02/28/2011 09:15	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 10:04	KCB	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	40.3	ug/L	81	52 - 120
321-60-8	2-Fluorobiphenyl	50	35.2	ug/L	70	16 - 128
1718-51-0	Terphenyl-d14	50	39.8	ug/L	80	43 - 138
4165-62-2	Phenol-d5	100	34.5	ug/L	35	10 - 120
367-12-4	2-Fluorophenol	100	47.2	ug/L	47	10 - 120
118-79-6	2,4,6-Tribromophenol	100	87.9	ug/L	88	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 18:36	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.7	ug/L	79	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 20:17	BMR	451860

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021102	**AOCU-GW100**	Water	02/28/2011 09:15	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 18:36	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	37.3	ug/L	75	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**21000**	**100**	**100**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	03/02/2011 10:33	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**2.63**	**0.050**	**0.013**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021103	**TRIP BLANK**	Water	02/28/2011 09:15	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 18:38	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021103	**TRIP BLANK**	Water	02/28/2011 09:15	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 18:38	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.4	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	49.8	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	48.5	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.3	ug/L	103	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021104	**AOCU-GW82**	Water	02/28/2011 10:15	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 19:01	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021104	**AOCU-GW82**	Water	02/28/2011 10:15	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 19:01	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.3	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	50.1	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	49.4	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.5	ug/L	101	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 19:01	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021104	**AOCU-GW82**	Water	02/28/2011 10:15	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 10:21	KCB	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021104	**AOCU-GW82**	Water	02/28/2011 10:15	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 10:21	KCB	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.1	ug/L	88	52 - 120
321-60-8	2-Fluorobiphenyl	50	39.5	ug/L	79	16 - 128
1718-51-0	Terphenyl-d14	50	55.1	ug/L	110	43 - 138
4165-62-2	Phenol-d5	100	39.9	ug/L	40	10 - 120
367-12-4	2-Fluorophenol	100	54.1	ug/L	54	10 - 120
118-79-6	2,4,6-Tribromophenol	100	93.7	ug/L	94	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 19:29	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	41.5	ug/L	83	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 20:41	BMR	451860

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.4	ug/L	85	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021104	**AOCU-GW82**	Water	02/28/2011 10:15	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 19:29	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39	ug/L	78	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**21200**	**100**	**100**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 10:34	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**8.01**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021105	**AOCU-GW83**	Water	02/28/2011 09:20	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 19:23	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	**Acetone**	**5.59J**	**25**	**0.322**	**ug/L**
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021105	**AOCU-GW83**	Water	02/28/2011 09:20	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 19:23	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.1	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	50.7	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	49.6	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.2	ug/L	102	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 19:23	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021105	**AOCU-GW83**	Water	02/28/2011 09:20	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 10:38	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021105	**AOCU-GW83**	Water	02/28/2011 09:20	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 10:38	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41.3	ug/L	83	52 - 120
321-60-8	2-Fluorobiphenyl	50	32.3	ug/L	65	16 - 128
1718-51-0	Terphenyl-d14	50	44.4	ug/L	89	43 - 138
4165-62-2	Phenol-d5	100	42	ug/L	42	10 - 120
367-12-4	2-Fluorophenol	100	52.9	ug/L	53	10 - 120
118-79-6	2,4,6-Tribromophenol	100	86.3	ug/L	86	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 19:47	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	40.4	ug/L	81	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 21:05	BMR	451860

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.9	ug/L	83	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021105	**AOCU-GW83**	Water	02/28/2011 09:20	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 19:47	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	37.9	ug/L	76	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**47200**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/02/2011 10:25	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.110**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021106	**TRIP BLANK**	Water	02/28/2011 09:20	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 19:47	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021106	**TRIP BLANK**	Water	02/28/2011 09:20	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 19:47	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.5	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	49.7	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	48	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.5	ug/L	101	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021107	**AOCU-GW80**	Water	02/28/2011 11:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 20:09	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021107	**AOCU-GW80**	Water	02/28/2011 11:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 20:09	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.5	ug/L	99	84 - 120
1868-53-7	Dibromofluoromethane	50	50.4	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	49.8	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 20:09	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021107	**AOCU-GW80**	Water	02/28/2011 11:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 10:54	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021107	**AOCU-GW80**	Water	02/28/2011 11:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 10:54	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41.8	ug/L	84	52 - 120
321-60-8	2-Fluorobiphenyl	50	35.9	ug/L	72	16 - 128
1718-51-0	Terphenyl-d14	50	48.2	ug/L	96	43 - 138
4165-62-2	Phenol-d5	100	44.3	ug/L	44	10 - 120
367-12-4	2-Fluorophenol	100	52.6	ug/L	53	10 - 120
118-79-6	2,4,6-Tribromophenol	100	85.3	ug/L	85	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 20:05	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**58.2J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45.4	ug/L	91	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 21:29	BMR	451860

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.7	ug/L	82	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021107	**AOCU-GW80**	Water	02/28/2011 11:00	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 20:05	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**84.7J**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.6	ug/L	85	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**51400**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 10:35	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**5.74**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021108	**AOCU-GW93**	Water	02/28/2011 12:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 20:33	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021108	**AOCU-GW93**	Water	02/28/2011 12:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 20:33	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.5	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	49.8	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	48.3	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.7	ug/L	101	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 20:33	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021108	**AOCU-GW93**	Water	02/28/2011 12:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 11:12	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021108	**AOCU-GW93**	Water	02/28/2011 12:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 11:12	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42	ug/L	84	52 - 120
321-60-8	2-Fluorobiphenyl	50	37.5	ug/L	75	16 - 128
1718-51-0	Terphenyl-d14	50	43.7	ug/L	87	43 - 138
4165-62-2	Phenol-d5	100	47.4	ug/L	47	10 - 120
367-12-4	2-Fluorophenol	100	56.7	ug/L	57	10 - 120
118-79-6	2,4,6-Tribromophenol	100	89.5	ug/L	90	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 20:23	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**49.7J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.3	ug/L	79	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 21:53	BMR	451860

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.8	ug/L	83	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021108	**AOCU-GW93**	Water	02/28/2011 12:00	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 20:23	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	36.8	ug/L	74	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**65000**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	03/02/2011 10:36	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**1.89**	**0.050**	**0.013**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021109	**TRIP BLANK**	Water	02/28/2011 11:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 20:55	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021109	TRIP BLANK	Water	02/28/2011 11:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 20:55	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.4	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	50.4	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	47.1	ug/L	94	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.9	ug/L	102	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021601	**AOCU-GW77**	Water	02/28/2011 14:10	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 21:19	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021601	**AOCU-GW77**	Water	02/28/2011 14:10	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 21:19	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.4	ug/L	99	84 - 120
1868-53-7	Dibromofluoromethane	50	50.3	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	50.6	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.6	ug/L	101	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 21:19	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021601	**AOCU-GW77**	Water	02/28/2011 14:10	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 11:29	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021601	**AOCU-GW77**	Water	02/28/2011 14:10	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 11:29	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.2	ug/L	86	52 - 120
321-60-8	2-Fluorobiphenyl	50	38.3	ug/L	77	16 - 128
1718-51-0	Terphenyl-d14	50	47.6	ug/L	95	43 - 138
4165-62-2	Phenol-d5	100	44.5	ug/L	45	10 - 120
367-12-4	2-Fluorophenol	100	54.5	ug/L	55	10 - 120
118-79-6	2,4,6-Tribromophenol	100	90.1	ug/L	90	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 20:40	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**44.5J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	37.2	ug/L	74	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 16:08	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.5	ug/L	85	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021601	**AOCU-GW77**	Water	02/28/2011 14:10	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 20:40	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	34.9	ug/L	70	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**44400**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 11:53	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**5.12**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021602	**AOCU-GW78**	Water	02/28/2011 13:20	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 21:42	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021602	**AOCU-GW78**	Water	02/28/2011 13:20	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 21:42	CLH	451883

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.1	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	50.3	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	49.2	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.9	ug/L	102	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 21:42	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021602	**AOCU-GW78**	Water	02/28/2011 13:20	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 11:45	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	**Benzyl alcohol**	**0.425J**	**10.0**	**0.355**	**ug/L**
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021602	**AOCU-GW78**	Water	02/28/2011 13:20	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 11:45	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	37.2	ug/L	74	52 - 120
321-60-8	2-Fluorobiphenyl	50	35.5	ug/L	71	16 - 128
1718-51-0	Terphenyl-d14	50	46.1	ug/L	92	43 - 138
4165-62-2	Phenol-d5	100	36.1	ug/L	36	10 - 120
367-12-4	2-Fluorophenol	100	43.3	ug/L	43	10 - 120
118-79-6	2,4,6-Tribromophenol	100	79	ug/L	79	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 20:58	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.5	ug/L	87	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 16:32	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021602	**AOCU-GW78**	Water	02/28/2011 13:20	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 20:58	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	40.8	ug/L	82	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**39600**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 11:54	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**5.31**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021603	**TRIP BLANK**	Water	02/28/2011 13:20	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 03:07	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021603	**TRIP BLANK**	Water	02/28/2011 13:20	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 03:07	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.6	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	50.7	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	49	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50	ug/L	100	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021604	**AOCU-GW75A**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 03:30	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021604	**AOCU-GW75A**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 03:30	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.8	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	49.8	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	50.1	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.5	ug/L	101	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 03:30	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021604	**AOCU-GW75A**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:01	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021604	**AOCU-GW75A**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:01	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.6	ug/L	85	52 - 120
321-60-8	2-Fluorobiphenyl	50	40	ug/L	80	16 - 128
1718-51-0	Terphenyl-d14	50	46.8	ug/L	94	43 - 138
4165-62-2	Phenol-d5	100	45.1	ug/L	45	10 - 120
367-12-4	2-Fluorophenol	100	55.4	ug/L	55	10 - 120
118-79-6	2,4,6-Tribromophenol	100	86.8	ug/L	87	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 21:16	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.1	ug/L	92	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 16:56	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021604	**AOCU-GW75A**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 21:16	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.3	ug/L	87	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**66600**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 11:55	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**4.97**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021605	**AOCU-GW75**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 03:53	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021605	**AOCU-GW75**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 03:53	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.3	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	49.7	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	50.3	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52	ug/L	104	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 03:53	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021605	**AOCU-GW75**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:19	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021605	**AOCU-GW75**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:19	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	36.6	ug/L	73	52 - 120
321-60-8	2-Fluorobiphenyl	50	34.4	ug/L	69	16 - 128
1718-51-0	Terphenyl-d14	50	40.8	ug/L	82	43 - 138
4165-62-2	Phenol-d5	100	39.9	ug/L	40	10 - 120
367-12-4	2-Fluorophenol	100	47.4	ug/L	47	10 - 120
118-79-6	2,4,6-Tribromophenol	100	74.5	ug/L	75	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 21:34	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**693**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	47.3	ug/L	95	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 17:20	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021605	**AOCU-GW75**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 21:34	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**98.2J**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44.4	ug/L	89	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**60600**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 11:56	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**5.14**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021606	**TRIP BLANK**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 04:15	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021606	**TRIP BLANK**	Water	02/28/2011 15:15	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 04:15	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	51.2	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	48	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	49.2	ug/L	98	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021607	**AOCU-GW98**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 01:34	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021607	**AOCU-GW98**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 01:34	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.2	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	51.4	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	48.1	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.5	ug/L	103	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 01:34	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021607	**AOCU-GW98**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:35	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021607	**AOCU-GW98**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:35	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.8	ug/L	90	52 - 120
321-60-8	2-Fluorobiphenyl	50	42.2	ug/L	84	16 - 128
1718-51-0	Terphenyl-d14	50	51.6	ug/L	103	43 - 138
4165-62-2	Phenol-d5	100	43.2	ug/L	43	10 - 120
367-12-4	2-Fluorophenol	100	55.6	ug/L	56	10 - 120
118-79-6	2,4,6-Tribromophenol	100	97.8	ug/L	98	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 21:51	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.1	ug/L	76	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 17:44	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.9	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021607	**AOCU-GW98**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 21:51	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	35.8	ug/L	72	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**30200**	**100**	**100**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 11:58	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**5.66**	**0.200**	**0.052**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021608	**TRIP BLANK**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 04:38	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021608	**TRIP BLANK**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 04:38	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	51.1	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	48.7	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.1	ug/L	106	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021609	**AOCU-GW98-MS**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 01:57	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	47.0	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	48.8	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	53.7	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	50.5	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	51.5	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	52.2	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	49.7	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	48.0	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	74.4	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.7	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	47.4	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	56.7	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	50.4	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	47.1	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	51.0	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	53.1	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	46.3	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	45.9	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	52.3	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	45.9	5	0.058	ug/L
544-10-5	1-Chlorohexane	45.9	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	46.4	5	0.112	ug/L
78-93-3	2-Butanone	53.8	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	45.8	5	0.090	ug/L
591-78-6	2-Hexanone	55.7	5	0.302	ug/L
106-43-4	4-Chlorotoluene	47.5	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	47.4	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	59.8	5	0.142	ug/L
67-64-1	Acetone	43.6	25	0.322	ug/L
75-05-8	Acetonitrile	257	25	5.04	ug/L
107-02-8	Acrolein	275	25	2.49	ug/L
107-13-1	Acrylonitrile	266	25	1.62	ug/L
107-05-1	Allyl chloride	49.6	25	0.343	ug/L
71-43-2	Benzene	50.7	5	0.049	ug/L
108-86-1	Bromobenzene	48.3	5	0.095	ug/L
74-97-5	Bromochloromethane	48.0	5	0.238	ug/L
75-27-4	Bromodichloromethane	49.7	5	0.071	ug/L
75-25-2	Bromoform	52.4	5	0.278	ug/L
74-83-9	Bromomethane	51.4	5	0.276	ug/L
75-15-0	Carbon disulfide	48.5	5	0.190	ug/L
56-23-5	Carbon tetrachloride	50.5	5	0.056	ug/L
108-90-7	Chlorobenzene	46.6	5	0.055	ug/L
75-00-3	Chloroethane	25.4	5	0.279	ug/L
67-66-3	Chloroform	50.0	5	0.062	ug/L
74-87-3	Chloromethane	52.7	5	0.076	ug/L
124-48-1	Dibromochloromethane	50.3	5	0.133	ug/L
74-95-3	Dibromomethane	51.1	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	49.0	5	0.088	ug/L
97-63-2	Ethyl methacrylate	50.4	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021609	**AOCU-GW98-MS**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 01:57	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	**Ethylbenzene**	**47.7**	**5**	**0.180**	**ug/L**
87-68-3	**Hexachlorobutadiene**	**49.6**	**5**	**0.347**	**ug/L**
98-82-8	**Isopropylbenzene (Cumene)**	**47.8**	**5**	**0.058**	**ug/L**
126-98-7	**Methacrylonitrile**	**53.1**	**5**	**0.743**	**ug/L**
74-88-4	**Methyl iodide**	**43.2**	**5**	**0.097**	**ug/L**
80-62-6	**Methyl methacrylate**	**50.8**	**10**	**0.606**	**ug/L**
75-09-2	**Methylene chloride**	**49.5**	**10**	**0.102**	**ug/L**
91-20-3	**Naphthalene**	**49.2**	**5**	**0.175**	**ug/L**
76-01-7	**Pentachloroethane**	**52.0**	**5**	**1.87**	**ug/L**
107-12-0	**Propionitrile**	**270**	**100**	**3.06**	**ug/L**
100-42-5	**Styrene**	**48.7**	**5**	**0.058**	**ug/L**
127-18-4	**Tetrachloroethene**	**46.2**	**5**	**0.210**	**ug/L**
108-88-3	**Toluene**	**48.7**	**5**	**0.078**	**ug/L**
79-01-6	**Trichloroethene**	**47.3**	**5**	**0.094**	**ug/L**
75-69-4	**Trichlorofluoromethane**	**50.7**	**5**	**0.094**	**ug/L**
76-13-1	**Trichlorotrifluoroethane**	**52.7**	**5**	**0.141**	**ug/L**
108-05-4	**Vinyl acetate**	**55.5**	**5**	**0.197**	**ug/L**
75-01-4	**Vinyl chloride**	**52.4**	**5**	**0.104**	**ug/L**
156-59-2	**cis-1,2-Dichloroethene**	**50.9**	**5**	**0.104**	**ug/L**
10061-01-5	**cis-1,3-Dichloropropene**	**51.8**	**5**	**0.105**	**ug/L**
136777-61-2	**m,p-Xylene**	**94.1**	**10**	**0.099**	**ug/L**
104-51-8	**n-Butylbenzene**	**47.9**	**5**	**0.068**	**ug/L**
110-54-3	**n-Hexane**	**48.1**	**5**	**0.126**	**ug/L**
103-65-1	**n-Propylbenzene**	**47.8**	**5**	**0.069**	**ug/L**
95-47-6	**o-Xylene**	**48.6**	**5**	**0.077**	**ug/L**
135-98-8	**sec-Butylbenzene**	**47.7**	**5**	**0.088**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**52.0**	**5**	**0.084**	**ug/L**
98-06-6	**tert-Butylbenzene**	**47.5**	**5**	**0.058**	**ug/L**
156-60-5	**trans-1,2-Dichloroethene**	**50.5**	**5**	**0.096**	**ug/L**
10061-02-6	**trans-1,3-Dichloropropene**	**50.3**	**5**	**0.068**	**ug/L**
110-57-6	**trans-1,4-Dichloro-2-butene**	**118**	**5**	**0.429**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	50.1	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	48.2	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.6	ug/L	107	76 - 127

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:52	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	**1,2,4-Trichlorobenzene**	**65.2**	**10.0**	**0.234**	**ug/L**
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	**1,4-Dichlorobenzene**	**61.8**	**10.0**	**0.255**	**ug/L**
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021609	**AOCU-GW98-MS**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:52	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	**2,4-Dinitrotoluene**	**82.0**	**10.0**	**0.263**	**ug/L**
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	**2-Chlorophenol**	**68.1**	**10.0**	**0.276**	**ug/L**
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	**4-Chloro-3-methylphenol**	**72.4**	**10.0**	**0.234**	**ug/L**
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	**4-Nitrophenol**	**26.9**	**10.0**	**1.83**	**ug/L**
83-32-9	**Acenaphthene**	**77.2**	**10.0**	**0.268**	**ug/L**
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021609	**AOCU-GW98-MS**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 12:52	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	**Pentachlorophenol**	**68.2**	**10.0**	**0.168**	**ug/L**
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	**Phenol**	**34.8**	**10.0**	**0.150**	**ug/L**
129-00-0	**Pyrene**	**86.2**	**10.0**	**0.486**	**ug/L**
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	**n-Nitrosodi-n-propylamine**	**75.7**	**10.0**	**0.304**	**ug/L**
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.5	ug/L	85	52 - 120
321-60-8	2-Fluorobiphenyl	50	41.8	ug/L	84	16 - 128
1718-51-0	Terphenyl-d14	50	48.6	ug/L	97	43 - 138
4165-62-2	Phenol-d5	100	40	ug/L	40	10 - 120
367-12-4	2-Fluorophenol	100	50.1	ug/L	50	10 - 120
118-79-6	2,4,6-Tribromophenol	100	89.6	ug/L	90	20 - 120

Total Hydrocarbons Diesel Wate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 22:09	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**858**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45.2	ug/L	90	57 - 115

SW-846 8015B Modified Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 18:08	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	**Gasoline Range Organics**	**458**	**100**	**13.0**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	28.8	ug/L	96	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021609	**AOCU-GW98-MS**	Water	02/28/2011 15:00	03/02/2011 09:20

Total Hydrocarbons Oil Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 23:20	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1400**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.6	ug/L	79	57 - 115

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 11:59	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**16.7**	**0.200**	**0.052**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021610	**AOCU-GW98-MSD**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 02:20	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	45.7	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	45.8	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	53.4	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	48.2	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	50.3	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	49.2	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	47.9	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	48.2	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	74.8	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.4	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	47.4	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	56.7	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	50.2	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	48.4	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	49.8	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	51.1	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	45.8	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	46.3	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	51.0	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	46.6	5	0.058	ug/L
544-10-5	1-Chlorohexane	45.2	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	44.0	5	0.112	ug/L
78-93-3	2-Butanone	55.3	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	44.9	5	0.090	ug/L
591-78-6	2-Hexanone	56.1	5	0.302	ug/L
106-43-4	4-Chlorotoluene	46.3	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	46.9	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	59.6	5	0.142	ug/L
67-64-1	Acetone	41.5	25	0.322	ug/L
75-05-8	Acetonitrile	257	25	5.04	ug/L
107-02-8	Acrolein	271	25	2.49	ug/L
107-13-1	Acrylonitrile	278	25	1.62	ug/L
107-05-1	Allyl chloride	50.1	25	0.343	ug/L
71-43-2	Benzene	48.2	5	0.049	ug/L
108-86-1	Bromobenzene	47.7	5	0.095	ug/L
74-97-5	Bromochloromethane	46.4	5	0.238	ug/L
75-27-4	Bromodichloromethane	47.9	5	0.071	ug/L
75-25-2	Bromoform	57.2	5	0.278	ug/L
74-83-9	Bromomethane	50.1	5	0.276	ug/L
75-15-0	Carbon disulfide	47.3	5	0.190	ug/L
56-23-5	Carbon tetrachloride	49.2	5	0.056	ug/L
108-90-7	Chlorobenzene	44.9	5	0.055	ug/L
75-00-3	Chloroethane	27.0	5	0.279	ug/L
67-66-3	Chloroform	49.9	5	0.062	ug/L
74-87-3	Chloromethane	52.4	5	0.076	ug/L
124-48-1	Dibromochloromethane	50.6	5	0.133	ug/L
74-95-3	Dibromomethane	51.0	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	48.4	5	0.088	ug/L
97-63-2	Ethyl methacrylate	50.4	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021610	**AOCU-GW98-MSD**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 02:20	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	**Ethylbenzene**	**46.5**	**5**	**0.180**	**ug/L**
87-68-3	**Hexachlorobutadiene**	**47.7**	**5**	**0.347**	**ug/L**
98-82-8	**Isopropylbenzene (Cumene)**	**48.9**	**5**	**0.058**	**ug/L**
126-98-7	**Methacrylonitrile**	**50.2**	**5**	**0.743**	**ug/L**
74-88-4	**Methyl iodide**	**41.9**	**5**	**0.097**	**ug/L**
80-62-6	**Methyl methacrylate**	**49.2**	**10**	**0.606**	**ug/L**
75-09-2	**Methylene chloride**	**47.8**	**10**	**0.102**	**ug/L**
91-20-3	**Naphthalene**	**53.0**	**5**	**0.175**	**ug/L**
76-01-7	**Pentachloroethane**	**50.7**	**5**	**1.87**	**ug/L**
107-12-0	**Propionitrile**	**265**	**100**	**3.06**	**ug/L**
100-42-5	**Styrene**	**50.4**	**5**	**0.058**	**ug/L**
127-18-4	**Tetrachloroethene**	**44.8**	**5**	**0.210**	**ug/L**
108-88-3	**Toluene**	**47.0**	**5**	**0.078**	**ug/L**
79-01-6	**Trichloroethene**	**46.7**	**5**	**0.094**	**ug/L**
75-69-4	**Trichlorofluoromethane**	**50.3**	**5**	**0.094**	**ug/L**
76-13-1	**Trichlorotrifluoroethane**	**51.3**	**5**	**0.141**	**ug/L**
108-05-4	**Vinyl acetate**	**53.6**	**5**	**0.197**	**ug/L**
75-01-4	**Vinyl chloride**	**52.5**	**5**	**0.104**	**ug/L**
156-59-2	**cis-1,2-Dichloroethene**	**50.3**	**5**	**0.104**	**ug/L**
10061-01-5	**cis-1,3-Dichloropropene**	**48.4**	**5**	**0.105**	**ug/L**
136777-61-2	**m,p-Xylene**	**92.9**	**10**	**0.099**	**ug/L**
104-51-8	**n-Butylbenzene**	**49.7**	**5**	**0.068**	**ug/L**
110-54-3	**n-Hexane**	**44.3**	**5**	**0.126**	**ug/L**
103-65-1	**n-Propylbenzene**	**46.0**	**5**	**0.069**	**ug/L**
95-47-6	**o-Xylene**	**49.2**	**5**	**0.077**	**ug/L**
135-98-8	**sec-Butylbenzene**	**48.1**	**5**	**0.088**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**51.6**	**5**	**0.084**	**ug/L**
98-06-6	**tert-Butylbenzene**	**45.9**	**5**	**0.058**	**ug/L**
156-60-5	**trans-1,2-Dichloroethene**	**48.9**	**5**	**0.096**	**ug/L**
10061-02-6	**trans-1,3-Dichloropropene**	**49.3**	**5**	**0.068**	**ug/L**
110-57-6	**trans-1,4-Dichloro-2-butene**	**113**	**5**	**0.429**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.6	ug/L	99	84 - 120
1868-53-7	Dibromofluoromethane	50	48.5	ug/L	97	87 - 116
2037-26-5	Toluene d8	50	47.9	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.6	ug/L	103	76 - 127

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:08	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	**1,2,4-Trichlorobenzene**	**71.2**	**10.0**	**0.234**	**ug/L**
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	**1,4-Dichlorobenzene**	**65.5**	**10.0**	**0.255**	**ug/L**
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021610	**AOCU-GW98-MSD**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:08	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	**2,4-Dinitrotoluene**	**88.7**	**10.0**	**0.263**	**ug/L**
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	**2-Chlorophenol**	**74.4**	**10.0**	**0.276**	**ug/L**
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	**4-Chloro-3-methylphenol**	**79.6**	**10.0**	**0.234**	**ug/L**
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	**4-Nitrophenol**	**33.2**	**10.0**	**1.83**	**ug/L**
83-32-9	**Acenaphthene**	**82.3**	**10.0**	**0.268**	**ug/L**
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021610	**AOCU-GW98-MSD**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:08	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	**Pentachlorophenol**	**72.2**	**10.0**	**0.168**	**ug/L**
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	**Phenol**	**38.3**	**10.0**	**0.150**	**ug/L**
129-00-0	**Pyrene**	**92.5**	**10.0**	**0.486**	**ug/L**
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	**n-Nitrosodi-n-propylamine**	**80.4**	**10.0**	**0.304**	**ug/L**
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.4	ug/L	89	52 - 120
321-60-8	2-Fluorobiphenyl	50	43.9	ug/L	88	16 - 128
1718-51-0	Terphenyl-d14	50	48.9	ug/L	98	43 - 138
4165-62-2	Phenol-d5	100	42.4	ug/L	42	10 - 120
367-12-4	2-Fluorophenol	100	54.5	ug/L	55	10 - 120
118-79-6	2,4,6-Tribromophenol	100	94.9	ug/L	95	20 - 120

Total Hydrocarbons Diesel Wate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 23:03	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**810**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.5	ug/L	87	57 - 115

SW-846 8015B Modified Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 18:32	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	**Gasoline Range Organics**	**449**	**100**	**13.0**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	28.8	ug/L	96	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021610	**AOCU-GW98-MSD**	Water	02/28/2011 15:00	03/02/2011 09:20

Total Hydrocarbons Oil Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 23:38	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1450**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44.7	ug/L	89	57 - 115

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 12:00	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**16.6**	**0.200**	**0.052**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021611	**AOCU-GW98-DUP**	Water	02/28/2011 15:00	03/02/2011 09:20

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**30300**	**100**	**100**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021612	**TRIP BLANK**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 05:01	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021612	**TRIP BLANK**	Water	02/28/2011 15:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 05:01	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	49.6	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	48.8	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.7	ug/L	101	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021613	**AOCU-GW89**	Water	03/01/2011 09:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 05:23	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021613	**AOCU-GW89**	Water	03/01/2011 09:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 05:23	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.4	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	49.3	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	51.1	ug/L	102	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.5	ug/L	101	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 05:23	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021613	**AOCU-GW89**	Water	03/01/2011 09:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:25	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021613	**AOCU-GW89**	Water	03/01/2011 09:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:25	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41.3	ug/L	83	52 - 120
321-60-8	2-Fluorobiphenyl	50	37.7	ug/L	75	16 - 128
1718-51-0	Terphenyl-d14	50	34.8	ug/L	70	43 - 138
4165-62-2	Phenol-d5	100	47	ug/L	47	10 - 120
367-12-4	2-Fluorophenol	100	55.2	ug/L	55	10 - 120
118-79-6	2,4,6-Tribromophenol	100	87.7	ug/L	88	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/03/2011 23:56	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.2	ug/L	92	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 18:56	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.2	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021613	**AOCU-GW89**	Water	03/01/2011 09:00	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/03/2011 23:56	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.3	ug/L	87	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**70200**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	03/02/2011 12:04	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**2.72**	**0.050**	**0.013**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021614	**AOCU-GW91**	Water	03/01/2011 10:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 05:46	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021614	**AOCU-GW91**	Water	03/01/2011 10:00	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 05:46	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.9	ug/L	92	84 - 120
1868-53-7	Dibromofluoromethane	50	51	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	50	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.6	ug/L	105	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 05:46	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021614	**AOCU-GW91**	Water	03/01/2011 10:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:42	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021614	**AOCU-GW91**	Water	03/01/2011 10:00	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:42	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	25	ug/L	**50***	52 - 120
321-60-8	2-Fluorobiphenyl	50	25.5	ug/L	51	16 - 128
1718-51-0	Terphenyl-d14	50	26.3	ug/L	53	43 - 138
4165-62-2	Phenol-d5	100	38	ug/L	38	10 - 120
367-12-4	2-Fluorophenol	100	41	ug/L	41	10 - 120
118-79-6	2,4,6-Tribromophenol	100	52.1	ug/L	52	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/04/2011 00:14	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44.6	ug/L	89	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 19:20	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.6	ug/L	85	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021614	**AOCU-GW91**	Water	03/01/2011 10:00	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/04/2011 00:14	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	41.9	ug/L	84	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**91000**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	03/02/2011 11:49	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**605**	**10.0**	**2.60**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021615	**TRIP BLANK**	Water	03/01/2011 09:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 06:09	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021615	**TRIP BLANK**	Water	03/01/2011 09:00	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 06:09	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.2	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	49.5	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	51	ug/L	102	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.5	ug/L	101	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021616	**AOCU-GW86**	Water	03/01/2011 10:55	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 06:31	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021616	**AOCU-GW86**	Water	03/01/2011 10:55	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 06:31	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.2	ug/L	92	84 - 120
1868-53-7	Dibromofluoromethane	50	50.7	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	49.2	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.2	ug/L	102	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 06:31	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021616	**AOCU-GW86**	Water	03/01/2011 10:55	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:59	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	**Benzyl alcohol**	**1.04J**	**10.0**	**0.355**	**ug/L**
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021616	**AOCU-GW86**	Water	03/01/2011 10:55	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 13:59	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.6	ug/L	85	52 - 120
321-60-8	2-Fluorobiphenyl	50	40.1	ug/L	80	16 - 128
1718-51-0	Terphenyl-d14	50	45.7	ug/L	91	43 - 138
4165-62-2	Phenol-d5	100	41.9	ug/L	42	10 - 120
367-12-4	2-Fluorophenol	100	51.9	ug/L	52	10 - 120
118-79-6	2,4,6-Tribromophenol	100	85.5	ug/L	86	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/04/2011 00:31	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45.1	ug/L	90	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 19:44	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.3	ug/L	88	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021616	**AOCU-GW86**	Water	03/01/2011 10:55	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/04/2011 00:31	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.3	ug/L	85	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**45200**	**100**	**100**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/02/2011 11:50	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**3.53**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021617	**AOCU-GW84**	Water	03/01/2011 09:20	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 06:54	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021617	**AOCU-GW84**	Water	03/01/2011 09:20	03/02/2011 09:20

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 06:54	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.8	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	50.8	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	49.7	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.1	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 06:54	CLH	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021617	**AOCU-GW84**	Water	03/01/2011 09:20	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 14:16	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	**Benzyl alcohol**	**0.643J**	**10.0**	**0.355**	**ug/L**
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021617	**AOCU-GW84**	Water	03/01/2011 09:20	03/02/2011 09:20

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 12:30	451640	3510C	1	03/07/2011 14:16	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.5	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	44.8	ug/L	90	16 - 128
1718-51-0	Terphenyl-d14	50	49.4	ug/L	99	43 - 138
4165-62-2	Phenol-d5	100	39.2	ug/L	39	10 - 120
367-12-4	2-Fluorophenol	100	52.1	ug/L	52	10 - 120
118-79-6	2,4,6-Tribromophenol	100	90	ug/L	90	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451642	3510C	1	03/04/2011 00:49	SMH	451813

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44.4	ug/L	89	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 20:56	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	27.2	ug/L	91	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021617	**AOCU-GW84**	Water	03/01/2011 09:20	03/02/2011 09:20

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 10:30	451643	3510C	1	03/04/2011 00:49	SMH	451814

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	41.7	ug/L	83	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 14:00	DJH	451638

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**42400**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/02/2011 12:05	AEL	451624

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**13.5**	**0.200**	**0.052**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021618	**TRIP BLANK**	Water	03/01/2011 09:20	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 07:17	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021618	**TRIP BLANK**	Water	03/01/2011 09:20	03/02/2011 09:20

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 07:17	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	48.4	ug/L	97	87 - 116
2037-26-5	Toluene d8	50	49	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.9	ug/L	102	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021619	**AOCU-GW75-M**	Water	02/28/2011 15:16	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:22	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	100	03/08/2011 09:36	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**24000**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	10	03/08/2011 13:32	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.065B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.058B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**710**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.015B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	**Cobalt**	**0.0076B**	**0.10**	**0.0040**	**mg/L**
7440-50-8	**Copper**	**0.023B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**4110**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.87**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.033B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**139**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021620	**AOCU-GW75A-M**	Water	02/28/2011 15:16	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:24	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	100	03/08/2011 09:43	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**26500**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	10	03/08/2011 13:40	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.054B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.045B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**765**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.015B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	**Cobalt**	**0.0084B**	**0.10**	**0.0040**	**mg/L**
7440-50-8	**Copper**	**0.018B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**4370**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.94**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.038B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**157**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021621	**AOCU-GW77-M**	Water	02/28/2011 14:11	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:25	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/03/2011 20:22	CLB	451834

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.023B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.024B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**641**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.011B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.032B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2540**	**0.50**	**0.072**	**mg/L**
7439-96-5	Manganese	0.0062U	0.075	0.0062	mg/L
7440-02-0	**Nickel**	**0.020B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**71.8**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	25	03/07/2011 12:58	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**13500**	**25.0**	**1.29**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021622	**AOCU-GW78-M**	Water	02/28/2011 13:21	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:27	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/03/2011 20:29	CLB	451834

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.022B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.030B**	**0.050**	**0.013**	**mg/L**
7440-39-3	**Barium**	**0.0050B**	**0.050**	**0.00055**	**mg/L**
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**629**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.016B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.048B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**1950**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.011B**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.016B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**66.3**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	**Zinc**	**0.051B**	**0.10**	**0.014**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	25	03/07/2011 13:06	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**11200**	**25.0**	**1.29**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021623	**AOCU-GW80-M**	Water	02/28/2011 11:01	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:28	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/03/2011 20:37	CLB	451834

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.027B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.028B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**613**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.010B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**3200**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.054B**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.021B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**154**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	50	03/07/2011 14:00	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**18400**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021624	**AOCU-GW82-M**	Water	02/28/2011 10:16	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:30	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/03/2011 21:28	CLB	451834

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.023B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.020B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**629**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.014B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.074**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**989**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.0076B**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.011B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**23.7**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	25	03/07/2011 13:22	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**4930**	**25.0**	**1.29**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021625	**AOCU-GW83-M**	Water	02/28/2011 09:21	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:32	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/03/2011 21:36	CLB	451834

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.027B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.039B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**650**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0098B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.0033B**	**0.050**	**0.0020**	**mg/L**
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2860**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.25**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.019B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**83.1**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	25	03/07/2011 13:30	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**14200**	**25.0**	**1.29**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021626	**AOCU-GW93-M**	Water	02/28/2011 12:01	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:33	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/03/2011 21:43	CLB	451834

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	Antimony	0.020U	0.30	0.020	mg/L
7440-38-2	**Arsenic**	**0.037B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**726**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0029B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.0043B**	**0.050**	**0.0020**	**mg/L**
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**3860**	**0.50**	**0.072**	**mg/L**
7439-96-5	Manganese	0.0062U	0.075	0.0062	mg/L
7440-02-0	**Nickel**	**0.024B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**155**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	50	03/07/2011 14:07	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**22700**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021627	**AOCU-GW96-M**	Water	02/28/2011 10:31	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:35	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/03/2011 21:50	CLB	451834

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	Antimony	0.020U	0.30	0.020	mg/L
7440-38-2	**Arsenic**	**0.032B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**840**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0097B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.0023B**	**0.050**	**0.0020**	**mg/L**
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**3340**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.047B**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.023B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**145**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	50	03/07/2011 17:49	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**18900**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021628	**AOCU-GW98-M**	Water	02/28/2011 15:01	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:13	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	25	03/07/2011 16:55	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**7890**	**25.0**	**1.29**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/08/2011 12:58	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.022B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.025B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**638**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0092B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.017B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**1820**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.017B**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.016B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**31.2**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021629	**AOCU-GW98-M-MS**	Water	02/28/2011 15:01	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:14	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	**Mercury**	**0.00412**	**0.00020**	**0.000081**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	25	03/07/2011 17:03	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**7950**	**25.0**	**1.29**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/08/2011 13:05	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	**Aluminum**	**4.68**	**1.00**	**0.22**	**mg/L**
7440-36-0	**Antimony**	**0.53**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.53**	**0.050**	**0.013**	**mg/L**
7440-39-3	**Barium**	**0.46**	**0.050**	**0.00055**	**mg/L**
7440-41-7	**Beryllium**	**0.47**	**0.025**	**0.00057**	**mg/L**
7440-43-9	**Cadmium**	**0.45**	**0.025**	**0.00055**	**mg/L**
7440-70-2	**Calcium**	**618**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.46**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.46**	**0.050**	**0.0020**	**mg/L**
7440-50-8	**Copper**	**0.51**	**0.050**	**0.0069**	**mg/L**
7439-89-6	**Iron**	**4.60**	**0.50**	**0.19**	**mg/L**
7439-92-1	**Lead**	**0.44**	**0.075**	**0.0070**	**mg/L**
7439-95-4	**Magnesium**	**1750**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.49**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.47**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**40.4**	**2.50**	**0.26**	**mg/L**
7782-49-2	**Selenium**	**0.52**	**0.20**	**0.022**	**mg/L**
7440-22-4	**Silver**	**0.51**	**0.050**	**0.0030**	**mg/L**
7440-28-0	**Thallium**	**0.46**	**0.10**	**0.0088**	**mg/L**
7440-62-2	**Vanadium**	**0.32**	**0.10**	**0.0041**	**mg/L**
7440-66-6	**Zinc**	**0.42**	**0.10**	**0.014**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021630	**AOCU-GW98-M-MSD**	Water	02/28/2011 15:01	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:16	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	**Mercury**	**0.00406**	**0.00020**	**0.000081**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	25	03/07/2011 17:11	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**8170**	**25.0**	**1.29**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/08/2011 13:12	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	**Aluminum**	**4.59**	**1.00**	**0.22**	**mg/L**
7440-36-0	**Antimony**	**0.54**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.56**	**0.050**	**0.013**	**mg/L**
7440-39-3	**Barium**	**0.47**	**0.050**	**0.00055**	**mg/L**
7440-41-7	**Beryllium**	**0.48**	**0.025**	**0.00057**	**mg/L**
7440-43-9	**Cadmium**	**0.47**	**0.025**	**0.00055**	**mg/L**
7440-70-2	**Calcium**	**635**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.46**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.48**	**0.050**	**0.0020**	**mg/L**
7440-50-8	**Copper**	**0.52**	**0.050**	**0.0069**	**mg/L**
7439-89-6	**Iron**	**4.60**	**0.50**	**0.19**	**mg/L**
7439-92-1	**Lead**	**0.44**	**0.075**	**0.0070**	**mg/L**
7439-95-4	**Magnesium**	**1800**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.50**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.47**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**42.0**	**2.50**	**0.26**	**mg/L**
7782-49-2	**Selenium**	**0.54**	**0.20**	**0.022**	**mg/L**
7440-22-4	**Silver**	**0.52**	**0.050**	**0.0030**	**mg/L**
7440-28-0	**Thallium**	**0.47**	**0.10**	**0.0088**	**mg/L**
7440-62-2	**Vanadium**	**0.32**	**0.10**	**0.0041**	**mg/L**
7440-66-6	**Zinc**	**0.51**	**0.10**	**0.014**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021631	**AOCU-GW100-M**	Water	02/28/2011 09:16	03/02/2011 09:20

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:03	451634	SW-846 7470A Dissolved	1	03/07/2011 17:37	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	5	03/03/2011 21:58	CLB	451834

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	Antimony	0.020U	0.30	0.020	mg/L
7440-38-2	Arsenic	0.013U	0.050	0.013	mg/L
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**828**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.013B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.0021B**	**0.050**	**0.0020**	**mg/L**
7440-50-8	**Copper**	**0.069**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**1020**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.28**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.010B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**29.5**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2011 11:30	451633	SW-846 3005 Dissolved	25	03/07/2011 13:52	AJW	451962

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**4800**	**25.0**	**1.29**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021632	**AOCU-GW84-M**	Water	03/01/2011 09:21	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:20	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	5	03/08/2011 14:37	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.031B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.027B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**801**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.010B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.032B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**1690**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.39**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.018B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**73.6**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 08:33	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**13500**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021633	**AOCU-GW86-M**	Water	03/01/2011 10:56	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:30	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	5	03/08/2011 18:57	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	Antimony	0.020U	0.30	0.020	mg/L
7440-38-2	**Arsenic**	**0.043B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**611**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0047B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.0069B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2230**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.011B**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.019B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**56.1**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 09:19	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**10200**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021634	**AOCU-GW89-M**	Water	03/01/2011 09:01	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:31	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 09:11	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**29000**	**50.0**	**2.57**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	10	03/09/2011 16:08	CLB	452109

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.043B**	**0.60**	**0.040**	**mg/L**
7440-38-2	Arsenic	0.025U	0.10	0.025	mg/L
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**665**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.011B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	Copper	0.014U	0.10	0.014	mg/L
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**6210**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.025B**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.052B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**177**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103021635	**AOCU-GW91-M**	Water	03/01/2011 10:01	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:33	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	100	03/09/2011 10:39	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**39100**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	10	03/09/2011 16:15	CLB	452109

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.049B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.083B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**554**	**1.00**	**0.26**	**mg/L**
7440-47-3	Chromium	0.0034U	0.10	0.0034	mg/L
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	Copper	0.014U	0.10	0.014	mg/L
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**8110**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.18**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.051B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**278**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797	**Client ID**	MB451797	LCS451797	LCSD451797
Prep Batch N/A	**GCAL ID**	926178	926179	926180
	Sample Type	Method Blank	LCS	LCSD
	Analytical Date	03/06/2011 01:12	03/05/2011 23:19	03/05/2011 23:41
	Matrix	Water	Water	Water

SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	0.322U	0.322	50.0	44.6	89	59 - 134	40.9	82	9	30
107-02-8	Acrolein	2.49U	2.49	250	332	133	33 - 157	343	137	3	30
107-13-1	Acrylonitrile	1.62U	1.62	250	465	**186***	62 - 124	452	**181***	3	30
74-97-5	Bromochloromethane	0.238U	0.238	50.0	49.8	100	78 - 112	48.2	96	3	30
75-27-4	Bromodichloromethane	0.071U	0.071	50.0	48.7	97	76 - 116	47.7	95	2	30
75-25-2	Bromoform	0.278U	0.278	50.0	56.3	113	68 - 128	51.9	104	8	30
74-83-9	Bromomethane	0.276U	0.276	50.0	54.7	109	55 - 151	51.6	103	6	30
75-15-0	Carbon disulfide	0.190U	0.190	50.0	50.4	101	67 - 147	46.2	92	9	30
56-23-5	Carbon tetrachloride	0.056U	0.056	50.0	51.2	102	74 - 139	48.4	97	6	30
75-00-3	Chloroethane	0.279U	0.279	50.0	52.3	105	54 - 166	47.8	96	9	30
136777-61-2	m,p-Xylene	0.099U	0.099	100	99.5	100	83 - 121	94.5	95	5	30
67-66-3	Chloroform	0.062U	0.062	50.0	50.9	102	85 - 123	47.0	94	8	30
74-87-3	Chloromethane	0.076U	0.076	50.0	49.4	99	55 - 173	50.7	101	3	30
124-48-1	Dibromochloromethane	0.133U	0.133	50.0	50.6	101	74 - 116	47.9	96	5	30
74-95-3	Dibromomethane	0.197U	0.197	50.0	53.6	107	81 - 116	49.6	99	8	30
75-71-8	Dichlorodifluoromethane	0.088U	0.088	50.0	49.9	100	34 - 158	46.0	92	8	30
75-34-3	1,1-Dichloroethane	0.064U	0.064	50.0	50.3	101	82 - 127	47.8	96	5	30
107-06-2	1,2-Dichloroethane	0.121U	0.121	50.0	51.3	103	76 - 122	47.6	95	7	30
156-59-2	cis-1,2-Dichloroethene	0.104U	0.104	50.0	52.4	105	81 - 114	53.2	106	2	30
156-60-5	trans-1,2-Dichloroethene	0.096U	0.096	50.0	51.7	103	82 - 126	45.4	91	13	30
75-09-2	Methylene chloride	0.102U	0.102	50.0	48.5	97	69 - 125	45.2	90	7	30
78-87-5	1,2-Dichloropropane	0.114U	0.114	50.0	52.0	104	81 - 120	47.6	95	9	30
10061-01-5	cis-1,3-Dichloropropene	0.105U	0.105	50.0	48.8	98	83 - 119	47.6	95	2	30
10061-02-6	trans-1,3-Dichloropropene	0.068U	0.068	50.0	50.1	100	87 - 123	48.1	96	4	30
100-41-4	Ethylbenzene	0.180U	0.180	50.0	50.2	100	87 - 118	48.9	98	3	30
97-63-2	Ethyl methacrylate	0.340U	0.340								
591-78-6	2-Hexanone	0.302U	0.302	50.0	44.3	89	58 - 125	45.3	91	2	30
98-82-8	Isopropylbenzene (Cumene)	0.058U	0.058	50.0	52.8	106	87 - 131	47.2	94	11	30
78-93-3	2-Butanone	0.235U	0.235	50.0	44.9	90	61 - 127	47.0	94	5	30
74-88-4	Methyl iodide	0.097U	0.097	50.0	46.0	92	72 - 125	42.4	85	8	30
108-10-1	4-Methyl-2-pentanone	0.142U	0.142	50.0	48.9	98	62 - 125	45.7	91	7	30
103-65-1	n-Propylbenzene	0.069U	0.069	50.0	51.5	103	86 - 125	46.8	94	10	30
100-42-5	Styrene	0.058U	0.058	50.0	52.4	105	78 - 118	50.1	100	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	451797	**Client ID**	MB451797			LCS451797			LCSD451797		
Prep Batch	N/A	**GCAL ID**	926178			926179			926180		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 01:12			03/05/2011 23:19			03/05/2011 23:41		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
127-18-4	Tetrachloroethene	0.210U	0.210		50.0	48.6	97	80 - 131	43.7	87	11	30
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	0.150		50.0	48.9	98	81 - 119	46.5	93	5	30
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	0.112		50.0	53.0	106	71 - 120	50.4	101	5	30
120-82-1	1,2,4-Trichlorobenzene	0.138U	0.138		50.0	48.0	96	68 - 123	47.6	95	0.8	30
71-55-6	1,1,1-Trichloroethane	0.078U	0.078		50.0	48.8	98	79 - 133	45.5	91	7	30
79-00-5	1,1,2-Trichloroethane	0.179U	0.179		50.0	49.4	99	80 - 114	45.8	92	8	30
75-69-4	Trichlorofluoromethane	0.094U	0.094		50.0	53.0	106	66 - 156	48.0	96	10	30
96-18-4	1,2,3-Trichloropropane	0.063U	0.063		50.0	51.7	103	77 - 115	49.7	99	4	30
95-63-6	1,2,4-Trimethylbenzene	0.080U	0.080		50.0	51.0	102	82 - 120	47.5	95	7	30
108-67-8	1,3,5-Trimethylbenzene	0.053U	0.053		50.0	50.5	101	83 - 123	47.4	95	6	30
75-01-4	Vinyl chloride	0.104U	0.104		50.0	52.2	104	57 - 153	46.9	94	11	30
95-47-6	o-Xylene	0.077U	0.077		50.0	51.6	103	83 - 121	47.2	94	9	30
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	0.082		50.0	48.8	98	61 - 118	49.0	98	0.4	30
106-93-4	1,2-Dibromoethane	0.169U	0.169		50.0	51.6	103	80 - 115	49.8	100	4	30
80-62-6	Methyl methacrylate	0.606U	0.606									
107-12-0	Propionitrile	3.06U	3.06									
108-05-4	Vinyl acetate	0.197U	0.197		50.0	55.0	110	38 - 159	55.0	110	0	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	0.084		50.0	52.7	105	75 - 116	50.7	101	4	30
99-87-6	4-Isopropyltoluene	0.175U	0.175		50.0	52.8	106	83 - 125	47.4	95	11	30
110-54-3	n-Hexane	0.126U	0.126		50.0	49.4	99	71 - 134	46.8	94	5	30
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	0.429		50.0	50.9	102	51 - 137	50.0	100	2	30
594-20-7	2,2-Dichloropropane	0.112U	0.112		50.0	52.9	106	77 - 138	47.3	95	11	30
76-13-1	Trichlorotrifluoroethane	0.141U	0.141		50.0	53.0	106	74 - 139	48.0	96	10	30
563-58-6	1,1-Dichloropropene	0.071U	0.071		50.0	48.8	98	87 - 127	47.5	95	3	30
110-75-8	2-Chloroethylvinyl ether	1.20U	1.20		50.0	48.0	96	63 - 125	46.0	92	4	30
142-28-9	1,3-Dichloropropane	0.113U	0.113		50.0	51.6	103	81 - 113	49.0	98	5	30
108-86-1	Bromobenzene	0.095U	0.095		50.0	50.6	101	83 - 115	45.9	92	10	30
95-49-8	2-Chlorotoluene	0.090U	0.090		50.0	51.4	103	81 - 121	47.0	94	9	30
106-43-4	4-Chlorotoluene	0.046U	0.046		50.0	50.0	100	84 - 120	46.1	92	8	30
98-06-6	tert-Butylbenzene	0.058U	0.058		50.0	50.3	101	83 - 126	45.8	92	9	30
135-98-8	sec-Butylbenzene	0.088U	0.088		50.0	51.5	103	86 - 127	46.8	94	10	30
541-73-1	1,3-Dichlorobenzene	0.080U	0.080		50.0	50.1	100	86 - 115	46.1	92	8	30
106-46-7	1,4-Dichlorobenzene	0.058U	0.058		50.0	49.4	99	87 - 113	47.1	94	5	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797		**Client ID**	MB451797			LCS451797			LCSD451797		
Prep Batch N/A		**GCAL ID**	926178			926179			926180		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 01:12			03/05/2011 23:19			03/05/2011 23:41		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
104-51-8	n-Butylbenzene		0.068U	0.068	50.0	52.4	105	84 - 124	49.1	98	7	30
95-50-1	1,2-Dichlorobenzene		0.086U	0.086	50.0	51.1	102	85 - 115	47.7	95	7	30
87-68-3	Hexachlorobutadiene		0.347U	0.347	50.0	54.0	108	71 - 133	45.8	92	16	30
91-20-3	Naphthalene		0.175U	0.175	50.0	47.2	94	59 - 125	50.1	100	6	35
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	49.9	100	64 - 126	47.0	94	6	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	54.2	108	87 - 128	52.7	105	3	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	50.4	101	75 - 133	46.1	92	9	20
71-43-2	Benzene		0.049U	0.049	50.0	48.8	98	83 - 124	47.1	94	4	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	48.8	98	85 - 124	45.4	91	7	20
108-88-3	Toluene		0.078U	0.078	50.0	49.1	98	86 - 116	45.7	91	7	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	47.1	94	87 - 115	46.0	92	2	20
Surrogate												
460-00-4	4-Bromofluorobenzene		49.9	100	50	50.9	102	84 - 120	50.2	100		
1868-53-7	Dibromofluoromethane		50	100	50	50.6	101	87 - 116	50.4	101		
2037-26-5	Toluene d8		50	100	50	48.7	97	86 - 112	47.9	96		
17060-07-0	1,2-Dichloroethane-d4		51.4	103	50	52.3	105	76 - 127	49.1	98		

Analytical Batch 451797		**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch N/A		**GCAL ID**	21103021607			21103021609			21103021610		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 01:34			03/06/2011 01:57			03/06/2011 02:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
630-20-6	1,1,1,2-Tetrachloroethane		0.00	0.150	50.0	47.0	94	81 - 119	45.7	91	3	10
71-55-6	1,1,1-Trichloroethane		0.00	0.078	50.0	48.8	98	79 - 133	45.8	92	6	11
79-34-5	1,1,2,2-Tetrachloroethane		0.00	0.112	50.0	53.7	107	71 - 120	53.4	107	0.6	11
79-00-5	1,1,2-Trichloroethane		0.00	0.179	50.0	50.5	101	80 - 114	48.2	96	5	11

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797		**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch N/A		**GCAL ID**	21103021607			21103021609			21103021610		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 01:34			03/06/2011 01:57			03/06/2011 02:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
75-34-3	1,1-Dichloroethane		0.00	0.064	50.0	51.5	103	82 - 127	50.3	101	2	10
75-35-4	1,1-Dichloroethene		0.00	0.183	50.0	52.2	104	75 - 133	49.2	98	6	13
563-58-6	1,1-Dichloropropene		0.00	0.071	50.0	49.7	99	87 - 127	47.9	96	4	10
87-61-6	1,2,3-Trichlorobenzene		0.00	0.107	50.0	48.0	96	64 - 126	48.2	96	0.4	16
96-18-4	1,2,3-Trichloropropane		0.00	0.063	50.0	74.4	**149***	77 - 115	74.8	**150***	0.5	12
120-82-1	1,2,4-Trichlorobenzene		0.00	0.138	50.0	45.7	91	68 - 123	47.4	95	4	11
95-63-6	1,2,4-Trimethylbenzene		0.00	0.080	50.0	47.4	95	82 - 120	47.4	95	0	10
96-12-8	1,2-Dibromo-3-chloropropane		0.00	0.082	50.0	56.7	113	61 - 118	56.7	113	0	15
106-93-4	1,2-Dibromoethane		0.00	0.169	50.0	50.4	101	80 - 115	50.2	100	0.4	10
95-50-1	1,2-Dichlorobenzene		0.00	0.086	50.0	47.1	94	85 - 115	48.4	97	3	9
107-06-2	1,2-Dichloroethane		0.00	0.121	50.0	51.0	102	76 - 122	49.8	100	2	11
78-87-5	1,2-Dichloropropane		0.00	0.114	50.0	53.1	106	81 - 120	51.1	102	4	11
108-67-8	1,3,5-Trimethylbenzene		0.00	0.053	50.0	46.3	93	83 - 123	45.8	92	1	10
541-73-1	1,3-Dichlorobenzene		0.00	0.080	50.0	45.9	92	86 - 115	46.3	93	0.9	9
142-28-9	1,3-Dichloropropane		0.00	0.113	50.0	52.3	105	81 - 113	51.0	102	3	11
106-46-7	1,4-Dichlorobenzene		0.00	0.058	50.0	45.9	92	87 - 113	46.6	93	2	10
544-10-5	1-Chlorohexane		0.00	0.139	50.0	45.9	92	87 - 128	45.2	90	2	10
594-20-7	2,2-Dichloropropane		0.00	0.112	50.0	46.4	93	77 - 138	44.0	88	5	12
78-93-3	2-Butanone		0.00	0.235	50.0	53.8	108	61 - 127	55.3	111	3	13
110-75-8	2-Chloroethylvinyl ether		0.00	1.20	50.0	0.00	**0***	63 - 125	0.00	**0***	0	24
95-49-8	2-Chlorotoluene		0.00	0.090	50.0	45.8	92	81 - 121	44.9	90	2	10
591-78-6	2-Hexanone		0.00	0.302	50.0	55.7	111	58 - 125	56.1	112	0.7	14
106-43-4	4-Chlorotoluene		0.00	0.046	50.0	47.5	95	84 - 120	46.3	93	3	10
99-87-6	4-Isopropyltoluene		0.00	0.175	50.0	47.4	95	83 - 125	46.9	94	1	9
108-10-1	4-Methyl-2-pentanone		0.00	0.142	50.0	59.8	120	62 - 125	59.6	119	0.3	13
67-64-1	Acetone		0.00	0.322	50.0	43.6	87	59 - 134	41.5	83	5	14
107-02-8	Acrolein		0.00	2.49	250	275	110	33 - 157	271	108	1	21
107-13-1	Acrylonitrile		0.00	1.62	250	266	106	62 - 124	278	111	4	13
71-43-2	Benzene		0.00	0.049	50.0	50.7	101	83 - 124	48.2	96	5	11
108-86-1	Bromobenzene		0.00	0.095	50.0	48.3	97	83 - 115	47.7	95	1	10
74-97-5	Bromochloromethane		0.00	0.238	50.0	48.0	96	78 - 112	46.4	93	3	10
75-27-4	Bromodichloromethane		0.00	0.071	50.0	49.7	99	76 - 116	47.9	96	4	10
75-25-2	Bromoform		0.00	0.278	50.0	52.4	105	68 - 128	57.2	114	9	11

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797		**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch N/A		**GCAL ID**	21103021607			21103021609			21103021610		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 01:34			03/06/2011 01:57			03/06/2011 02:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	ug/L								
		Result	**RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
74-83-9	Bromomethane	0.00	0.276	50.0	51.4	103	55 - 151	50.1	100	3	21
75-15-0	Carbon disulfide	0.00	0.190	50.0	48.5	97	67 - 147	47.3	95	3	12
56-23-5	Carbon tetrachloride	0.00	0.056	50.0	50.5	101	74 - 139	49.2	98	3	13
108-90-7	Chlorobenzene	0.00	0.055	50.0	46.6	93	87 - 115	44.9	90	4	9
75-00-3	Chloroethane	0.00	0.279	50.0	25.4	**51***	54 - 166	27.0	54	6	20
67-66-3	Chloroform	0.00	0.062	50.0	50.0	100	85 - 123	49.9	100	0.2	10
74-87-3	Chloromethane	0.00	0.076	50.0	52.7	105	55 - 173	52.4	105	0.6	22
124-48-1	Dibromochloromethane	0.00	0.133	50.0	50.3	101	74 - 116	50.6	101	0.6	11
74-95-3	Dibromomethane	0.00	0.197	50.0	51.1	102	81 - 116	51.0	102	0.2	10
75-71-8	Dichlorodifluoromethane	0.00	0.088	50.0	49.0	98	34 - 158	48.4	97	1	22
100-41-4	Ethylbenzene	0.00	0.180	50.0	47.7	95	87 - 118	46.5	93	3	10
87-68-3	Hexachlorobutadiene	0.00	0.347	50.0	49.6	99	71 - 133	47.7	95	4	12
98-82-8	Isopropylbenzene (Cumene)	0.00	0.058	50.0	47.8	96	87 - 131	48.9	98	2	10
74-88-4	Methyl iodide	0.00	0.097	50.0	43.2	86	72 - 125	41.9	84	3	11
75-09-2	Methylene chloride	0.00	0.102	50.0	49.5	99	69 - 125	47.8	96	3	11
91-20-3	Naphthalene	0.00	0.175	50.0	49.2	98	59 - 125	53.0	106	7	15
100-42-5	Styrene	0.00	0.058	50.0	48.7	97	78 - 118	50.4	101	3	11
127-18-4	Tetrachloroethene	0.00	0.210	50.0	46.2	92	80 - 131	44.8	90	3	12
108-88-3	Toluene	0.00	0.078	50.0	48.7	97	86 - 116	47.0	94	4	10
79-01-6	Trichloroethene	0.00	0.094	50.0	47.3	95	85 - 124	46.7	93	1	10
75-69-4	Trichlorofluoromethane	0.00	0.094	50.0	50.7	101	66 - 156	50.3	101	0.8	15
76-13-1	Trichlorotrifluoroethane	0.00	0.141	50.0	52.7	105	74 - 139	51.3	103	3	13
108-05-4	Vinyl acetate	0.00	0.197	50.0	55.5	111	38 - 159	53.6	107	3	11
75-01-4	Vinyl chloride	0.00	0.104	50.0	52.4	105	57 - 153	52.5	105	0.2	22
156-59-2	cis-1,2-Dichloroethene	0.00	0.104	50.0	50.9	102	81 - 114	50.3	101	1	10
10061-01-5	cis-1,3-Dichloropropene	0.00	0.105	50.0	51.8	104	83 - 119	48.4	97	7	10
136777-61-2	m,p-Xylene	0.00	0.099	100	94.1	94	83 - 121	92.9	93	1	10
104-51-8	n-Butylbenzene	0.00	0.068	50.0	47.9	96	84 - 124	49.7	99	4	10
110-54-3	n-Hexane	0.00	0.126	50.0	48.1	96	71 - 134	44.3	89	8	11
103-65-1	n-Propylbenzene	0.00	0.069	50.0	47.8	96	86 - 125	46.0	92	4	10
95-47-6	o-Xylene	0.00	0.077	50.0	48.6	97	83 - 121	49.2	98	1	10
135-98-8	sec-Butylbenzene	0.00	0.088	50.0	47.7	95	86 - 127	48.1	96	0.8	10
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	0.084	50.0	52.0	104	75 - 116	51.6	103	0.8	10

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797		**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch N/A		**GCAL ID**	21103021607			21103021609			21103021610		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 01:34			03/06/2011 01:57			03/06/2011 02:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
98-06-6	tert-Butylbenzene	0.00	0.058		50.0	47.5	95	83 - 126	45.9	92	3	10
156-60-5	trans-1,2-Dichloroethene	0.00	0.096		50.0	50.5	101	82 - 126	48.9	98	3	10
10061-02-6	trans-1,3-Dichloropropene	0.00	0.068		50.0	50.3	101	87 - 123	49.3	99	2	10
110-57-6	trans-1,4-Dichloro-2-butene	0.00	0.429		50.0	118	**236***	51 - 137	113	**226***	4	24
Surrogate												
460-00-4	4-Bromofluorobenzene	47.2	94		50	47.9	96	84 - 120	49.6	99		
1868-53-7	Dibromofluoromethane	51.4	103		50	50.1	100	87 - 116	48.5	97		
2037-26-5	Toluene d8	48.1	96		50	48.2	96	86 - 112	47.9	96		
17060-07-0	1,2-Dichloroethane-d4	51.5	103		50	53.6	107	76 - 127	51.6	103		

Analytical Batch 451883		**Client ID**	MB451883			LCS451883			LCSD451883		
Prep Batch N/A		**GCAL ID**	926598			926599			926600		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/05/2011 17:29			03/05/2011 15:48			03/05/2011 16:11		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	0.322U	0.322		50.0	50.4	101	59 - 134	50.3	101	0.2	30
107-02-8	Acrolein	2.49U	2.49		250	247	99	33 - 157	238	95	4	30
107-13-1	Acrylonitrile	1.62U	1.62		250	247	99	62 - 124	248	99	0.4	30
74-97-5	Bromochloromethane	0.238U	0.238		50.0	50.3	101	78 - 112	50.2	100	0.2	30
75-27-4	Bromodichloromethane	0.071U	0.071		50.0	48.6	97	76 - 116	49.4	99	2	30
75-25-2	Bromoform	0.278U	0.278		50.0	50.6	101	68 - 128	53.4	107	5	30
74-83-9	Bromomethane	0.276U	0.276		50.0	54.6	109	55 - 151	48.1	96	13	30
75-15-0	Carbon disulfide	0.190U	0.190		50.0	49.2	98	67 - 147	46.6	93	5	30
56-23-5	Carbon tetrachloride	0.056U	0.056		50.0	49.6	99	74 - 139	49.4	99	0.4	30
75-00-3	Chloroethane	0.279U	0.279		50.0	49.0	98	54 - 166	47.7	95	3	30
136777-61-2	m,p-Xylene	0.099U	0.099		100	94.7	95	83 - 121	95.4	95	0.7	30
67-66-3	Chloroform	0.062U	0.062		50.0	49.4	99	85 - 123	46.9	94	5	30
74-87-3	Chloromethane	0.076U	0.076		50.0	51.0	102	55 - 173	45.9	92	11	30
124-48-1	Dibromochloromethane	0.133U	0.133		50.0	47.4	95	74 - 116	49.7	99	5	30
74-95-3	Dibromomethane	0.197U	0.197		50.0	49.8	100	81 - 116	49.7	99	0.2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451883	**Client ID**	MB451883	LCS451883	LCSD451883
Prep Batch N/A	**GCAL ID**	926598	926599	926600
	Sample Type	Method Blank	LCS	LCSD
	Analytical Date	03/05/2011 17:29	03/05/2011 15:48	03/05/2011 16:11
	Matrix	Water	Water	Water

SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
75-71-8	Dichlorodifluoromethane	0.088U	0.088	50.0	48.7	97	34 - 158	45.3	91	7	30
75-34-3	1,1-Dichloroethane	0.064U	0.064	50.0	49.5	99	82 - 127	47.5	95	4	30
107-06-2	1,2-Dichloroethane	0.121U	0.121	50.0	47.8	96	76 - 122	48.0	96	0.4	30
156-59-2	cis-1,2-Dichloroethene	0.104U	0.104	50.0	47.4	95	81 - 114	50.2	100	6	30
156-60-5	trans-1,2-Dichloroethene	0.096U	0.096	50.0	48.7	97	82 - 126	46.6	93	4	30
75-09-2	Methylene chloride	0.102U	0.102	50.0	47.6	95	69 - 125	43.0	86	10	30
78-87-5	1,2-Dichloropropane	0.114U	0.114	50.0	50.2	100	81 - 120	49.9	100	0.6	30
10061-01-5	cis-1,3-Dichloropropene	0.105U	0.105	50.0	48.2	96	83 - 119	48.6	97	0.8	30
10061-02-6	trans-1,3-Dichloropropene	0.068U	0.068	50.0	47.2	94	87 - 123	48.4	97	3	30
100-41-4	Ethylbenzene	0.180U	0.180	50.0	47.9	96	87 - 118	48.2	96	0.6	30
97-63-2	Ethyl methacrylate	0.340U	0.340								
591-78-6	2-Hexanone	0.302U	0.302	50.0	45.5	91	58 - 125	48.0	96	5	30
98-82-8	Isopropylbenzene (Cumene)	0.058U	0.058	50.0	46.8	94	87 - 131	47.7	95	2	30
78-93-3	2-Butanone	0.235U	0.235	50.0	50.8	102	61 - 127	50.7	101	0.2	30
74-88-4	Methyl iodide	0.097U	0.097	50.0	45.4	91	72 - 125	38.5	77	16	30
108-10-1	4-Methyl-2-pentanone	0.142U	0.142	50.0	50.2	100	62 - 125	49.3	99	2	30
103-65-1	n-Propylbenzene	0.069U	0.069	50.0	49.3	99	86 - 125	49.0	98	0.6	30
100-42-5	Styrene	0.058U	0.058	50.0	48.7	97	78 - 118	50.0	100	3	30
127-18-4	Tetrachloroethene	0.210U	0.210	50.0	46.9	94	80 - 131	45.6	91	3	30
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	0.150	50.0	44.9	90	81 - 119	44.9	90	0	30
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	0.112	50.0	48.5	97	71 - 120	51.1	102	5	30
120-82-1	1,2,4-Trichlorobenzene	0.138U	0.138	50.0	48.5	97	68 - 123	47.7	95	2	30
71-55-6	1,1,1-Trichloroethane	0.078U	0.078	50.0	46.9	94	79 - 133	46.0	92	2	30
79-00-5	1,1,2-Trichloroethane	0.179U	0.179	50.0	45.7	91	80 - 114	48.1	96	5	30
75-69-4	Trichlorofluoromethane	0.094U	0.094	50.0	49.5	99	66 - 156	48.0	96	3	30
96-18-4	1,2,3-Trichloropropane	0.063U	0.063	50.0	50.3	101	77 - 115	50.0	100	0.6	30
95-63-6	1,2,4-Trimethylbenzene	0.080U	0.080	50.0	49.5	99	82 - 120	49.0	98	1	30
108-67-8	1,3,5-Trimethylbenzene	0.053U	0.053	50.0	48.9	98	83 - 123	48.5	97	0.8	30
75-01-4	Vinyl chloride	0.104U	0.104	50.0	50.5	101	57 - 153	47.7	95	6	30
95-47-6	o-Xylene	0.077U	0.077	50.0	46.8	94	83 - 121	47.2	94	0.9	30
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	0.082	50.0	47.2	94	61 - 118	51.8	104	9	30
106-93-4	1,2-Dibromoethane	0.169U	0.169	50.0	46.6	93	80 - 115	49.1	98	5	30
80-62-6	Methyl methacrylate	0.606U	0.606								

GC/MS Volatiles Quality Control Summary

Analytical Batch 451883		**Client ID**	MB451883			LCS451883			LCSD451883		
Prep Batch N/A		**GCAL ID**	926598			926599			926600		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/05/2011 17:29			03/05/2011 15:48			03/05/2011 16:11		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
107-12-0	Propionitrile		3.06U	3.06								
108-05-4	Vinyl acetate		0.197U	0.197	50.0	44.8	90	38 - 159	43.8	88	2	30
1634-04-4	tert-Butyl methyl ether (MTBE)		0.084U	0.084	50.0	49.4	99	75 - 116	47.1	94	5	30
99-87-6	4-Isopropyltoluene		0.175U	0.175	50.0	49.4	99	83 - 125	49.0	98	0.8	30
110-54-3	n-Hexane		0.126U	0.126	50.0	49.4	99	71 - 134	44.8	90	10	30
110-57-6	trans-1,4-Dichloro-2-butene		0.429U	0.429	50.0	51.5	103	51 - 137	48.6	97	6	30
594-20-7	2,2-Dichloropropane		0.112U	0.112	50.0	46.7	93	77 - 138	46.7	93	0	30
76-13-1	Trichlorotrifluoroethane		0.141U	0.141	50.0	51.0	102	74 - 139	47.8	96	6	30
563-58-6	1,1-Dichloropropene		0.071U	0.071	50.0	50.7	101	87 - 127	47.3	95	7	30
110-75-8	2-Chloroethylvinyl ether		1.20U	1.20	50.0	58.0	116	63 - 125	47.5	95	20	30
142-28-9	1,3-Dichloropropane		0.113U	0.113	50.0	48.4	97	81 - 113	49.7	99	3	30
108-86-1	Bromobenzene		0.095U	0.095	50.0	47.5	95	83 - 115	48.0	96	1	30
95-49-8	2-Chlorotoluene		0.090U	0.090	50.0	48.7	97	81 - 121	49.2	98	1	30
106-43-4	4-Chlorotoluene		0.046U	0.046	50.0	48.1	96	84 - 120	47.5	95	1	30
98-06-6	tert-Butylbenzene		0.058U	0.058	50.0	49.7	99	83 - 126	47.7	95	4	30
135-98-8	sec-Butylbenzene		0.088U	0.088	50.0	49.5	99	86 - 127	48.2	96	3	30
541-73-1	1,3-Dichlorobenzene		0.080U	0.080	50.0	47.6	95	86 - 115	49.1	98	3	30
106-46-7	1,4-Dichlorobenzene		0.058U	0.058	50.0	47.3	95	87 - 113	48.0	96	1	30
104-51-8	n-Butylbenzene		0.068U	0.068	50.0	50.5	101	84 - 124	49.4	99	2	30
95-50-1	1,2-Dichlorobenzene		0.086U	0.086	50.0	49.8	100	85 - 115	49.1	98	1	30
87-68-3	Hexachlorobutadiene		0.347U	0.347	50.0	49.4	99	71 - 133	46.5	93	6	30
91-20-3	Naphthalene		0.175U	0.175	50.0	49.4	99	59 - 125	52.4	105	6	35
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	48.0	96	64 - 126	51.9	104	8	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	49.4	99	87 - 128	51.2	102	4	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	48.5	97	75 - 133	47.0	94	3	20
71-43-2	Benzene		0.049U	0.049	50.0	49.0	98	83 - 124	48.2	96	2	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	48.8	98	85 - 124	47.1	94	4	20
108-88-3	Toluene		0.078U	0.078	50.0	47.0	94	86 - 116	47.4	95	0.8	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	45.8	92	87 - 115	47.0	94	3	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	451883	**Client ID**	MB451883			LCS451883			LCSD451883		
Prep Batch	N/A	**GCAL ID**	926598			926599			926600		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/05/2011 17:29			03/05/2011 15:48			03/05/2011 16:11		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
Surrogate												
460-00-4	4-Bromofluorobenzene		48.2	96	50	49.5	99	84 - 120	48.3	97		
1868-53-7	Dibromofluoromethane		50.3	101	50	48.9	98	87 - 116	49.8	100		
2037-26-5	Toluene d8		49.6	99	50	47.5	95	86 - 112	48.5	97		
17060-07-0	1,2-Dichloroethane-d4		52.3	105	50	50.9	102	76 - 127	50	100		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	451931	**Client ID**	MB451640			LCS451640			LCSD451640		
Prep Batch	451640	**GCAL ID**	925393			925394			925395		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/02/2011 12:30			03/02/2011 12:30			03/02/2011 12:30		
		Analytical Date	03/07/2011 08:56			03/07/2011 09:13			03/07/2011 09:30		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
208-96-8	Acenaphthylene	0.303U		0.303								
120-12-7	Anthracene	0.316U		0.316								
56-55-3	Benzo(a)anthracene	0.316U		0.316								
92-87-5	Benzidine	3.92U		3.92								
205-99-2	Benzo(b)fluoranthene	0.217U		0.217								
207-08-9	Benzo(k)fluoranthene	0.236U		0.236								
191-24-2	Benzo(g,h,i)perylene	0.215U		0.215								
50-32-8	Benzo(a)pyrene	0.125U		0.125								
65-85-0	Benzoic acid	0.910U		0.910								
85-68-7	Butyl benzyl phthalate	0.165U		0.165								
111-91-1	Bis(2-Chloroethoxy)methane	0.290U		0.290								
111-44-4	Bis(2-Chloroethyl)ether	0.288U		0.288								
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U		0.257								
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U		0.191								
101-55-3	4-Bromophenyl phenyl ether	0.337U		0.337								
7005-72-3	4-Chlorophenyl phenyl ether	0.268U		0.268								
218-01-9	Chrysene	0.433U		0.433								
53-70-3	Dibenz(a,h)anthracene	0.217U		0.217								
132-64-9	Dibenzofuran	0.227U		0.227								
95-50-1	1,2-Dichlorobenzene	0.259U		0.259								
541-73-1	1,3-Dichlorobenzene	0.274U		0.274								
91-94-1	3,3'-Dichlorobenzidine	0.297U		0.297								
120-83-2	2,4-Dichlorophenol	0.217U		0.217								
84-66-2	Diethyl phthalate	0.303U		0.303								
105-67-9	2,4-Dimethylphenol	0.694U		0.694								
131-11-3	Dimethyl phthalate	0.255U		0.255								
117-84-0	Di-n-octyl phthalate	0.167U		0.167								
51-28-5	2,4-Dinitrophenol	2.60U		2.60								
606-20-2	2,6-Dinitrotoluene	0.352U		0.352								
206-44-0	Fluoranthene	0.267U		0.267								
86-73-7	Fluorene	0.288U		0.288								
118-74-1	Hexachlorobenzene	0.249U		0.249								

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	451931	**Client ID**	MB451640			LCS451640			LCSD451640		
Prep Batch	451640	**GCAL ID**	925393			925394			925395		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/02/2011 12:30			03/02/2011 12:30			03/02/2011 12:30		
		Analytical Date	03/07/2011 08:56			03/07/2011 09:13			03/07/2011 09:30		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-68-3	Hexachlorobutadiene	0.192U	0.192								
77-47-4	Hexachlorocyclopentadiene	0.174U	0.174								
67-72-1	Hexachloroethane	0.299U	0.299								
78-59-1	Isophorone	0.380U	0.380								
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	0.157								
91-57-6	2-Methylnaphthalene	0.255U	0.255								
95-48-7	o-Cresol	0.329U	0.329								
91-20-3	Naphthalene	0.293U	0.293								
98-95-3	Nitrobenzene	0.329U	0.329								
88-75-5	2-Nitrophenol	0.357U	0.357								
86-30-6	n-Nitrosodiphenylamine	0.364U	0.364								
85-01-8	Phenanthrene	0.304U	0.304								
95-95-4	2,4,5-Trichlorophenol	0.317U	0.317								
88-06-2	2,4,6-Trichlorophenol	0.275U	0.275								
100-51-6	Benzyl alcohol	0.355U	0.355								
99-09-2	3-Nitroaniline	0.226U	0.226								
100-01-6	4-Nitroaniline	0.221U	0.221								
84-74-2	Di-n-butyl phthalate	0.189U	0.189								
88-74-4	2-Nitroaniline	0.198U	0.198								
91-58-7	2-Chloronaphthalene	0.221U	0.221								
106-47-8	4-Chloroaniline	0.463U	0.463								
1319-77-3MP	m,p-Cresol	0.352U	0.352								
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	1.98								
108-95-2	Phenol	0.150U	0.150	100	28.4	28	13 - 54	26.9	27	5	30
95-57-8	2-Chlorophenol	0.276U	0.276	100	71.9	72	44 - 103	69.5	70	3	30
106-46-7	1,4-Dichlorobenzene	0.255U	0.255	100	61.6	62	40 - 100	60.4	60	2	30
621-64-7	n-Nitrosodi-n-propylamine	0.304U	0.304	100	80.5	81	51 - 104	79.0	79	2	30
120-82-1	1,2,4-Trichlorobenzene	0.234U	0.234	100	64.7	65	45 - 104	66.4	66	3	30
59-50-7	4-Chloro-3-methylphenol	0.234U	0.234	100	72.6	73	53 - 105	71.6	72	1	30
83-32-9	Acenaphthene	0.268U	0.268	100	80.3	80	58 - 106	80.1	80	0.2	30
100-02-7	4-Nitrophenol	1.83U	1.83	100	28.2	28	13 - 55	26.3	26	7	30
121-14-2	2,4-Dinitrotoluene	0.263U	0.263	100	86.0	86	60 - 109	85.7	86	0.3	30

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	451931	**Client ID**	MB451640			LCS451640			LCSD451640		
Prep Batch	451640	**GCAL ID**	925393			925394			925395		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/02/2011 12:30			03/02/2011 12:30			03/02/2011 12:30		
		Analytical Date	03/07/2011 08:56			03/07/2011 09:13			03/07/2011 09:30		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-86-5	Pentachlorophenol	0.168U		0.168	100	68.1	68	57 - 118	64.9	65	5	30
129-00-0	Pyrene	0.486U		0.486	100	95.1	95	60 - 113	91.0	91	4	30
Surrogate												
4165-60-0	Nitrobenzene-d5	43		86	50	43.1	86	52 - 120	41.8	84		
321-60-8	2-Fluorobiphenyl	39.6		79	50	42.1	84	16 - 128	39.5	79		
1718-51-0	Terphenyl-d14	53.8		108	50	55.2	110	43 - 138	52.4	105		
4165-62-2	Phenol-d5	28.3		28	100	31.6	32	10 - 120	30.1	30		
367-12-4	2-Fluorophenol	46.4		46	100	49.7	50	10 - 120	47.9	48		
118-79-6	2,4,6-Tribromophenol	81.5		82	100	91.2	91	20 - 120	90.5	91		

Analytical Batch	451931	**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch	451640	**GCAL ID**	21103021607			21103021609			21103021610		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/02/2011 12:30			03/02/2011 12:30			03/02/2011 12:30		
		Analytical Date	03/07/2011 12:35			03/07/2011 12:52			03/07/2011 13:08		
		Matrix	Water			Water			Water		
SW-846 8270C Water		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	0.00		0.234	100	65.2	65	45 - 104	71.2	71	9	28
106-46-7	1,4-Dichlorobenzene	0.00		0.255	100	61.8	62	40 - 100	65.5	66	6	28
121-14-2	2,4-Dinitrotoluene	0.00		0.263	100	82.0	82	60 - 109	88.7	89	8	20
95-57-8	2-Chlorophenol	0.00		0.276	100	68.1	68	44 - 103	74.4	74	9	29
59-50-7	4-Chloro-3-methylphenol	0.00		0.234	100	72.4	72	53 - 105	79.6	80	9	24
100-02-7	4-Nitrophenol	0.00		1.83	100	26.9	27	13 - 55	33.2	33	21	31
83-32-9	Acenaphthene	0.00		0.268	100	77.2	77	58 - 106	82.3	82	6	21
87-86-5	Pentachlorophenol	0.00		0.168	100	68.2	68	57 - 118	72.2	72	6	26
108-95-2	Phenol	0.00		0.150	100	34.8	35	13 - 54	38.3	38	10	34
129-00-0	Pyrene	0.00		0.486	100	86.2	86	60 - 113	92.5	93	7	20
621-64-7	n-Nitrosodi-n-propylamine	0.00		0.304	100	75.7	76	51 - 104	80.4	80	6	28
Surrogate												
4165-60-0	Nitrobenzene-d5	44.8		90	50	42.5	85	52 - 120	44.4	89		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	451931	**Client ID**	AOCU-GW98	AOCU-GW98-MS	AOCU-GW98-MSD
Prep Batch	451640	**GCAL ID**	21103021607	21103021609	21103021610
Prep Method	3510C	**Sample Type**	SAMPLE	MS	MSD
		Prep Date	03/02/2011 12:30	03/02/2011 12:30	03/02/2011 12:30
		Analytical Date	03/07/2011 12:35	03/07/2011 12:52	03/07/2011 13:08
		Matrix	Water	Water	Water

SW-846 8270C Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
321-60-8	2-Fluorobiphenyl	42.2	84	50	41.8	84	16 - 128	43.9	88		
1718-51-0	Terphenyl-d14	51.6	103	50	48.6	97	43 - 138	48.9	98		
4165-62-2	Phenol-d5	43.2	43	100	40	40	10 - 120	42.4	42		
367-12-4	2-Fluorophenol	55.6	56	100	50.1	50	10 - 120	54.5	55		
118-79-6	2,4,6-Tribromophenol	97.8	98	100	89.6	90	20 - 120	94.9	95		

General Chromatography Quality Control Summary

Analytical Batch	451813	**Client ID**	MB451642			LCS451642			LCSD451642		
Prep Batch	451642	**GCAL ID**	925403			925404			925405		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/03/2011 10:30			03/03/2011 10:30			03/03/2011 10:30		
		Analytical Date	03/03/2011 16:50			03/03/2011 17:08			03/03/2011 17:25		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-4	Diesel Range Organics		44.2U	44.2	1000	836	84	50 - 150	839	84	0.4	40
Surrogate												
84-15-1	o-Terphenyl		41.7	83	50	45.4	91	57 - 115	44.3	89		

Analytical Batch	451813	**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch	451642	**GCAL ID**	21103021607			21103021609			21103021610		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/03/2011 10:30			03/03/2011 10:30			03/03/2011 10:30		
		Analytical Date	03/03/2011 21:51			03/03/2011 22:09			03/03/2011 23:03		
		Matrix	Water			Water			Water		
Total Hydrocarbons Diesel Wate		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-4	Diesel Range Organics		21.3	44.2	1000	858	84	50 - 150	810	79	6	30
Surrogate												
84-15-1	o-Terphenyl		38.1	76	50	45.2	90	57 - 115	43.5	87		

General Chromatography Quality Control Summary

Analytical Batch 451860		**Client ID**	MB451860			LCS451860			LCSD451860		
Prep Batch N/A		**GCAL ID**	926496			926497			926498		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/07/2011 13:21			03/07/2011 12:33			03/07/2011 12:57		
		Matrix	Water			Water			Water		
SW-846 8015B Modified		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
8006-61-9	Gasoline Range Organics		13.0U	13.0	500	505	101	63 - 126	499	100	1	25
Surrogate												
106-39-8	Bromochlorobenzene		26.2	87	30	29.2	97	49 - 136	28	93		

Analytical Batch 452040		**Client ID**	MB452040			LCS452040		
Prep Batch N/A		**GCAL ID**	927286			927287		
		Sample Type	Method Blank			LCS		
		Analytical Date	03/08/2011 15:17			03/08/2011 14:53		
		Matrix	Water			Water		
SW-846 8015B Modified		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**
8006-61-9	Gasoline Range Organics		13.0U	13.0	500	501	100	63 - 126
Surrogate								
106-39-8	Bromochlorobenzene		25.9	86	30	28.3	94	49 - 136

Analytical Batch 452040		**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD			
Prep Batch N/A		**GCAL ID**	21103021607			21103021609			21103021610			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	03/08/2011 17:44			03/08/2011 18:08			03/08/2011 18:32			
		Matrix	Water			Water			Water			
SW-846 8015B Modified Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
8006-61-9	Gasoline Range Organics		0.00	13.0	500	458	92	67 - 171	449	90	2	31
Surrogate												
106-39-8	Bromochlorobenzene		25.9	86	30	28.8	96	49 - 136	28.8	96		

General Chromatography Quality Control Summary

Analytical Batch	451814	**Client ID**	MB451643			LCS451643			LCSD451643		
Prep Batch	451643	**GCAL ID**	925406			925407			925408		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/03/2011 10:30			03/03/2011 10:30			03/03/2011 10:30		
		Analytical Date	03/03/2011 16:50			03/03/2011 17:43			03/03/2011 18:01		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		45.7U	45.7	2000	1430	71	50 - 150	1620	81	13	40
Surrogate												
84-15-1	o-Terphenyl		39.2	78	50	40	80	57 - 115	49.2	98		

Analytical Batch	451814	**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch	451643	**GCAL ID**	21103021607			21103021609			21103021610		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/03/2011 10:30			03/03/2011 10:30			03/03/2011 10:30		
		Analytical Date	03/03/2011 21:51			03/03/2011 23:20			03/03/2011 23:38		
		Matrix	Water			Water			Water		
Total Hydrocarbons Oil Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		8.00	45.7	2000	1400	70	50 - 150	1450	72	4	30
Surrogate												
84-15-1	o-Terphenyl		35.8	72	50	39.6	79	57 - 115	44.7	89		

Inorganics Quality Control Summary

Analytical Batch	451556	**Client ID**	MB451634	LCS451634
Prep Batch	451634	**GCAL ID**	925350	925351
Prep Method	SW-846	**Sample Type**	Method Blank	LCS
	7470A	**Prep Date**	03/02/2011 11:03	03/02/2011 11:03
		Analytical Date	03/07/2011 17:09	03/07/2011 17:11
		Matrix	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-97-6	Mercury	0.000081U	0.000081	0.00500	0.00542	108	88 - 111

Analytical Batch	451556	**Client ID**	AOCU-GW98-M	AOCU-GW98-M-MS	AOCU-GW98-M-MSD
Prep Batch	451634	**GCAL ID**	21103021628	21103021629	21103021630
Prep Method	SW-846	**Sample Type**	SAMPLE	MS	MSD
	7470A	**Prep Date**	03/02/2011 11:03	03/02/2011 11:03	03/02/2011 11:03
	Dissolved	**Analytical Date**	03/07/2011 17:13	03/07/2011 17:14	03/07/2011 17:16
		Matrix	Water	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7439-97-6	Mercury	0.00000	0.000081	0.00500	0.00412	82	75 - 125	0.00406	81	1	10

Analytical Batch	452103	**Client ID**	AOCU-GW84-M	925760MS	925760MSD
Prep Batch	451729	**GCAL ID**	21103021632	925878	925879
Prep Method	SW-846	**Sample Type**	SAMPLE	MS	MSD
	7470A	**Prep Date**	03/03/2011 12:00	03/03/2011 12:00	03/03/2011 12:00
		Analytical Date	03/09/2011 14:20	03/09/2011 14:25	03/09/2011 14:27
		Matrix	Water	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7439-97-6	Mercury	0.00000	0.000081	0.00500	0.00270	**54***	75 - 125	0.00254	**51***	6	10

Inorganics Quality Control Summary

Analytical Batch	452210	**Client ID**	MB451729	LCS451729
Prep Batch	451729	**GCAL ID**	925876	925877
Prep Method	SW-846 7470A	**Sample Type**	Method Blank	LCS
		Prep Date	03/03/2011 12:00	03/03/2011 12:00
		Analytical Date	03/09/2011 14:17	03/10/2011 14:21
		Matrix	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-97-6	Mercury	0.000081U	0.000081	0.00500	0.00516	103	88 - 111

Inorganics Quality Control Summary

Analytical Batch	451962	**Client ID**	MB451633	LCS451633
Prep Batch	451633	**GCAL ID**	925348	925349
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/02/2011 11:30	03/02/2011 11:30
		Analytical Date	03/07/2011 16:42	03/07/2011 16:49
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum	0.044U	0.044	5.00	4.74	95	87 - 111
7440-36-0	Antimony	0.0040U	0.0040	0.50	0.46	93	88 - 108
7440-38-2	Arsenic	0.0025U	0.0025	0.50	0.48	96	88 - 109
7440-39-3	Barium	0.00081B	0.00011	0.50	0.47	95	92 - 112
7440-41-7	Beryllium	0.00011U	0.00011	0.50	0.46	92	89 - 113
7440-43-9	Cadmium	0.00011U	0.00011	0.50	0.48	96	88 - 111
7440-70-2	Calcium	0.063B	0.026	5.00	4.63	93	90 - 111
7440-47-3	Chromium	0.00034U	0.00034	0.50	0.47	93	90 - 113
7440-48-4	Cobalt	0.00040U	0.00040	0.50	0.47	93	89 - 111
7440-50-8	Copper	0.0014U	0.0014	0.50	0.45	91	86 - 112
7439-89-6	Iron	0.038U	0.038	5.00	4.59	92	89 - 116
7439-92-1	Lead	0.0014U	0.0014	0.50	0.48	95	89 - 109
7439-95-4	Magnesium	0.014U	0.014	5.00	4.64	93	92 - 113
7439-96-5	Manganese	0.0012U	0.0012	0.50	0.47	93	90 - 110
7440-02-0	Nickel	0.00096U	0.00096	0.50	0.46	93	89 - 111
7440-09-7	Potassium	0.053U	0.053	10.0	10.7	107	89 - 114
7782-49-2	Selenium	0.0043U	0.0043	0.50	0.48	95	90 - 110
7440-22-4	Silver	0.00060U	0.00060	0.50	0.47	93	86 - 120
7440-23-5	Sodium	0.39B	0.051	20.0	20.8	104	90 - 117
7440-28-0	Thallium	0.0018U	0.0018	0.50	0.48	96	88 - 108
7440-62-2	Vanadium	0.00082U	0.00082	0.50	0.46	92	91 - 111
7440-66-6	Zinc	0.0027U	0.0027	0.50	0.47	94	84 - 111

Inorganics Quality Control Summary

Analytical Batch	451962	**Client ID**	AOCU-GW98-M			AOCU-GW98-M-MS			AOCU-GW98-M-MSD		
Prep Batch	451633	**GCAL ID**	21103021628			21103021629			21103021630		
Prep Method	SW-846 3005	**Sample Type**	SAMPLE			MS			MSD		
	Dissolved	**Prep Date**	03/02/2011 11:30			03/02/2011 11:30			03/02/2011 11:30		
		Analytical Date	03/07/2011 16:55			03/07/2011 17:03			03/07/2011 17:11		
		Matrix	Water			Water			Water		
SW-846 6010B Dissolved			**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
			Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium		7890	1.29	20.0	7950	**280***	70 - 203	8170	**1360***	3	25

Analytical Batch	452019	**Client ID**	MB451727			LCS451727		
Prep Batch	451727	**GCAL ID**	925872			925873		
Prep Method	SW-846 3005	**Sample Type**	Method Blank			LCS		
	Dissolved	**Prep Date**	03/03/2011 12:01			03/03/2011 12:01		
		Analytical Date	03/08/2011 14:23			03/08/2011 14:31		
		Matrix	Water			Water		
SW-846 6010B Dissolved			**Units**	mg/L	**Spike**	**Result**		**Control**
			Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum		0.044U	0.044	5.00	4.65	93	87 - 111
7440-36-0	Antimony		0.0040U	0.0040	0.50	0.45	90	88 - 108
7440-38-2	Arsenic		0.0025U	0.0025	0.50	0.46	92	88 - 109
7440-39-3	Barium		0.00067B	0.00011	0.50	0.48	96	92 - 112
7440-41-7	Beryllium		0.00011U	0.00011	0.50	0.48	96	89 - 113
7440-43-9	Cadmium		0.00011U	0.00011	0.50	0.46	93	88 - 111
7440-70-2	Calcium		0.11	0.026	5.00	4.50	90	90 - 111
7440-47-3	Chromium		0.00034U	0.00034	0.50	0.44	**89***	90 - 113
7440-48-4	Cobalt		0.00040U	0.00040	0.50	0.44	89	89 - 111
7440-50-8	Copper		0.0014U	0.0014	0.50	0.44	87	86 - 112
7439-89-6	Iron		0.038U	0.038	5.00	4.44	89	89 - 116
7439-92-1	Lead		0.0014U	0.0014	0.50	0.45	90	89 - 109
7439-95-4	Magnesium		0.047B	0.014	5.00	4.92	98	92 - 113
7439-96-5	Manganese		0.0013B	0.0012	0.50	0.48	96	90 - 110
7440-02-0	Nickel		0.00096U	0.00096	0.50	0.44	89	89 - 111
7440-09-7	Potassium		0.053U	0.053	10.0	9.56	96	89 - 114
7782-49-2	Selenium		0.0043U	0.0043	0.50	0.45	90	90 - 110
7440-22-4	Silver		0.00086B	0.00060	0.50	0.47	94	86 - 120
7440-23-5	Sodium		0.66B	0.051	20.0	19.6	98	90 - 117
7440-28-0	Thallium		0.0018U	0.0018	0.50	0.45	90	88 - 108
7440-62-2	Vanadium		0.00082U	0.00082	0.50	0.48	96	91 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	MB451727	LCS451727
Prep Batch	451727	**GCAL ID**	925872	925873
Prep Method	SW-846 3005 Dissolved	**Sample Type**	Method Blank	LCS
		Prep Date	03/03/2011 12:01	03/03/2011 12:01
		Analytical Date	03/08/2011 14:23	03/08/2011 14:31
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7440-66-6	Zinc	0.0039B	0.0027	0.50	0.44	88	84 - 111

Analytical Batch	452019	**Client ID**	AOCU-GW98-M	AOCU-GW98-M-MS	AOCU-GW98-M-MSD
Prep Batch	451633	**GCAL ID**	21103021628	21103021629	21103021630
Prep Method	SW-846 3005 Dissolved	**Sample Type**	SAMPLE	MS	MSD
		Prep Date	03/02/2011 11:30	03/02/2011 11:30	03/02/2011 11:30
		Analytical Date	03/08/2011 12:58	03/08/2011 13:05	03/08/2011 13:12
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.047	0.22	5.00	4.68	93	83 - 119	4.59	91	2	25
7440-36-0	Antimony	0.022	0.020	0.50	0.53	102	81 - 124	0.54	103	1	25
7440-38-2	Arsenic	0.025	0.013	0.50	0.53	102	84 - 124	0.56	108	6	25
7440-39-3	Barium	0.0	0.00055	0.50	0.46	93	85 - 120	0.47	95	2	25
7440-41-7	Beryllium	0.0	0.00057	0.50	0.47	93	79 - 121	0.48	96	3	25
7440-43-9	Cadmium	0.0	0.00055	0.50	0.45	91	82 - 119	0.47	93	3	25
7440-70-2	Calcium	638	0.13	5.00	618	**-400***	48 - 153	635	**-70***	3	25
7440-47-3	Chromium	0.0092	0.0017	0.50	0.46	89	73 - 135	0.46	91	2	25
7440-48-4	Cobalt	0.0	0.0020	0.50	0.46	93	82 - 119	0.48	95	3	25
7440-50-8	Copper	0.017	0.0069	0.50	0.51	99	82 - 129	0.52	101	2	25
7439-89-6	Iron	0.0	0.19	5.00	4.60	92	52 - 155	4.60	92	0.1	25
7439-92-1	Lead	0.0	0.0070	0.50	0.44	88	62 - 146	0.44	88	0.1	25
7439-95-4	Magnesium	1820	0.072	5.00	1750	**-2000***	62 - 146	1800	**-600***	3	25
7439-96-5	Manganese	0.017	0.0062	0.50	0.49	95	79 - 121	0.50	97	2	25
7440-02-0	Nickel	0.016	0.0048	0.50	0.47	90	84 - 120	0.47	92	1	25
7440-09-7	Potassium	31.2	0.26	10.0	40.4	92	76 - 132	42.0	109	4	25
7782-49-2	Selenium	0.0	0.022	0.50	0.52	104	71 - 140	0.54	108	3	25
7440-22-4	Silver	0.0	0.0030	0.50	0.51	101	75 - 141	0.52	104	3	25
7440-28-0	Thallium	0.0	0.0088	0.50	0.46	92	90 - 116	0.47	93	1	25
7440-62-2	Vanadium	0.0	0.0041	0.50	0.32	**65***	85 - 120	0.32	**65***	0.6	25
7440-66-6	Zinc	0.0	0.014	0.50	0.42	83	60 - 137	0.51	101	19	25

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	AOCU-GW84-M	925760MS	925760MSD
Prep Batch	451727	**GCAL ID**	21103021632	925874	925875
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/03/2011 12:01	03/03/2011 12:01	03/03/2011 12:01
		Analytical Date	03/08/2011 14:37	03/08/2011 14:44	03/08/2011 14:51
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.0	0.22	5.00	4.83	97	83 - 119	4.53	91	6	25
7440-36-0	Antimony	0.031	0.020	0.50	0.55	104	81 - 124	0.55	104	0.2	25
7440-38-2	Arsenic	0.027	0.013	0.50	0.54	103	84 - 124	0.52	100	3	25
7440-39-3	Barium	0.0	0.00055	0.50	0.47	94	85 - 120	0.46	92	2	25
7440-41-7	Beryllium	0.00014	0.00057	0.50	0.48	96	79 - 121	0.46	92	4	25
7440-43-9	Cadmium	0.0	0.00055	0.50	0.46	92	82 - 119	0.43	86	7	25
7440-70-2	Calcium	801	0.13	5.00	828	**532***	48 - 153	800	**-20***	3	25
7440-47-3	Chromium	0.010	0.0017	0.50	0.47	91	73 - 135	0.45	88	4	25
7440-48-4	Cobalt	0.0	0.0020	0.50	0.47	93	82 - 119	0.45	90	4	25
7440-50-8	Copper	0.032	0.0069	0.50	0.55	104	82 - 129	0.55	104	0.3	25
7439-89-6	Iron	0.0	0.19	5.00	4.59	92	52 - 155	4.30	86	7	25
7439-92-1	Lead	0.0	0.0070	0.50	0.43	86	62 - 146	0.42	83	3	25
7439-95-4	Magnesium	1690	0.072	5.00	1750	**1090***	62 - 146	1690	**-100***	4	25
7439-96-5	Manganese	0.39	0.0062	0.50	0.88	99	79 - 121	0.85	93	3	25
7440-02-0	Nickel	0.018	0.0048	0.50	0.47	91	84 - 120	0.46	88	3	25
7440-09-7	Potassium	73.6	0.26	10.0	90.6	**170***	76 - 132	87.7	**141***	3	25
7782-49-2	Selenium	0.014	0.022	0.50	0.55	108	71 - 140	0.49	96	11	25
7440-22-4	Silver	0.0	0.0030	0.50	0.54	107	75 - 141	0.52	104	3	25
7440-28-0	Thallium	0.0	0.0088	0.50	0.43	**86***	90 - 116	0.40	**80***	7	25
7440-62-2	Vanadium	0.0	0.0041	0.50	0.31	**61***	85 - 120	0.29	**58***	6	25
7440-66-6	Zinc	0.0	0.014	0.50	0.42	85	60 - 137	0.40	81	5	25

Analytical Batch	452019	**Client ID**	AOCU-GW84-M	925760MS	925760MSD
Prep Batch	451727	**GCAL ID**	21103021632	925874	925875
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/03/2011 12:01	03/03/2011 12:01	03/03/2011 12:01
		Analytical Date	03/09/2011 08:33	03/09/2011 08:41	03/09/2011 08:49
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium	13500	2.57	20.0	13500	**-50***	70 - 203	13500	**-100***	0.1	25

General Chemistry Quality Control Summary

Analytical Batch 451638	**Client ID**	MB451638			LCS451638		
Prep Batch N/A	**GCAL ID**	925386			925387		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/02/2011 14:00			03/02/2011 14:00		
	Matrix	Water			Water		
SM 2540C TDS		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
WET-035	Total Dissolved Solids(TDS)	10.0U	10.0	1000	1020	102	90 - 110

Analytical Batch 451638	**Client ID**	AOCU-GW98		AOCU-GW98-DUP		
Prep Batch N/A	**GCAL ID**	21103021607		21103021611		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/02/2011 14:00		03/02/2011 14:00		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-035	Total Dissolved Solids(TDS)	30200	100	30300	0.33	5

Analytical Batch 451638	**Client ID**	SRLA QUENCH WATER		925299DUP		
Prep Batch N/A	**GCAL ID**	21103021301		925388		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/02/2011 14:00		03/02/2011 14:00		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-035	Total Dissolved Solids(TDS)	5995	10.0	5970	0.42	5

Analytical Batch 451765	**Client ID**	MB451765			LCS451765		
Prep Batch N/A	**GCAL ID**	926040			926041		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/03/2011 15:30			03/03/2011 15:30		
	Matrix	Water			Water		
SM 2540C TDS		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
WET-035	Total Dissolved Solids(TDS)	10.0U	10.0	1000	942	94.2	90 - 110

General Chemistry Quality Control Summary

Analytical Batch 451765	**Client ID**	U43010B		925733DUP		
Prep Batch N/A	**GCAL ID**	21103030401		926042		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/03/2011 15:30		03/03/2011 15:30		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**	**RPD**	**RPD Limit**
		Result	**RDL**			
WET-035 Total Dissolved Solids(TDS)		3276	10.0	3230	1.4	5

General Chemistry Quality Control Summary

Analytical Batch 451624	**Client ID**	MB451624			LCS451624		
Prep Batch N/A	**GCAL ID**	925254			925255		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/02/2011 10:10			03/02/2011 10:11		
	Matrix	Water			Water		
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
14797-55-8 Nitrate		0.003B	0.003	0.500	0.525	105	89.5 -110.5

Analytical Batch 451624	**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD			
Prep Batch N/A	**GCAL ID**	21103021607			21103021609			21103021610			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/02/2011 11:58			03/02/2011 11:59			03/02/2011 12:00			
	Matrix	Water			Water			Water			
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
14797-55-8 Nitrate		5.66	0.052	10.0	16.7	110	89.5 -110.5	16.6	109	0.6	25

Analytical Batch 451624	**Client ID**	EASC-2, PD-05			925139MS			925139MSD			
Prep Batch N/A	**GCAL ID**	21103013201			925256			925257			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/02/2011 10:15			03/02/2011 10:16			03/02/2011 10:18			
	Matrix	Water			Water			Water			
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
14797-55-8 Nitrate		0.000	0.003	0.500	0.551	110	89.5 -110.5	0.553	**111***	0.3	25

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 022811-02

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW96	AOCU-GW96	28022011	1030	-	N	1	WG	10	X	X	X	X		X	X										2 1
AOCU-GW100	AOCU-GW100	28022011	0915	-	N	1	WG	10	X	X	X	X		X	X										2 2
Trip Blank		28022011	0915	-	TB	1	WQ	3	X														HA-0285050		2 3
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	2/28/11	1400			
2.	[signature]	3-2-11	920	[signature]	3-2-11	920
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 38

Airbill Number: 7944 7226 1765

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 022811-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW82	AOCU-GW82	28022011	1015	-	N	1	WG	10	X	X	X	X		X	X									4	1
AOCU-GW83	AOCU-GW83	28022011	0920	-	N	1	WG	10	X	X	X	X		X	X									5	1
Trip Blank		28022011	0920	-	TB	1	WQ	3	X														6 HA	0285050	1
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	J H Moore	2/28/11	1400			
2.	[illegible]	3-2-11	920	[illegible]	3-2-11	920
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.: 1.6

Method of Shipment: FedEx Express

Airbill Number: 7968 0959 3050

Analytical Lab: GCAL

Delivery Location: Baton Rouge, LA

Lab Recipient:

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Project No: 8090006.02.010

COC Number(1): 0228/1-03

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW80	AOCU-GW80	28022011	1100	-	N	1	WG	10	X	X	X	X		X	X								7	3
AOCU-GW93	AOCU-GW93	28022011	1200	-	N	1	WG	10	X	X	X	X		X	X								8	3
Trip Blank		28022011	1100	-	TB	1	WQ	3	X													9 HA	0285050	3
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. JH Moore	2/28/11	1400	1.		
2. Pzby	3-2-11	920	2. [illegible]	3-2-11	920
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 3.2

Airbill Number: 7944 7225 1742

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030111-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW77	AOCU-GW77	28022011	1410	-	N	1	WG	10	X	X	X	X		X	X								1	1
AOCU-GW78	AOCU-GW78	28022011	1320	-	N	1	WG	10	X	X	X	X		X	X								2	1
Trip Blank		28022011	1320	-	TB	1	WQ	3	X													3 HA-0285050		1
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. JH Moore	3/1/11	1400	1.		
2. Eddy	3-2-11	920	2. AC	3-2-11	920
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 3-3

Airbill Number: 7944 7788 0780

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030111-02

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW75A	AOCU-GW75A	28022011	1515	-	FD	1	WG	10	X	X	X	X		X	X						4			2
AOCU-GW75	AOCU-GW75	28022011	1515	-	N	1	WG	10	X	X	X	X		X	X						5			2
Trip Blank		28022011	1515	-	TB	1	WQ	3	X												6	HA-0285050		2
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	J H Moore	3/1/11	1400			
2.	FDM	3-2-11	420	M	3-2-11	420
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 43

Airbill Number: 794477870643

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW/4771/2110302 16/3-9-11

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030111-05

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW98	AOCU-GW98	28022011	1500	-	N	1	WG	10	X	X	X	X		X	X							7			5
Trip Blank		28022011	1500	-	TB	1	WQ	3	X													8	HA	0285050	5
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. JH Moore	3/1/11	1400	1.		
2. [illegible]	3-2-11	920	2. [illegible]	3-2-11	920
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 25

Airbill Number: 794477848652

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW/4771/21103021G/3-9-11

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030111-03

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW98-MS	AOCU-GW98-MS	28022011	1500	-	MS	1	WG	10	X	X	X	X		X	X							9		3
AOCU-GW98-MSD	AOCU-GW98-MSD	28022011	1500	-	SD	1	WG	10	X	X	X	X		X	X							10, 11		3
Trip Blank		28022011	1500	-	TB	1	WQ	3	X													9a 12		3
				-																		HA	D25611	
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/1/11	1400			
2.	[signature]	3-2-11	9a	[signature]	3-2-11	9a
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 2.1

Airbill Number: 7968 1523 3626

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW /14771/21103021c/3-9-11

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030111-06

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW89	AOCU-GW89	01032011	0900	-	N	1	WG	10	X	X	X	X		X	X								13		6
AOCU-GW91	AOCU-GW91	01032011	1000	-	N	1	WG	10	X	X	X	X		X	X								14		6
Trip Blank		01032011	0900	-	TB	1	WQ	3	X														15 HA-028505a		6
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	JH Moore	3/1/11	1400			
2.	RM	3-2-11	920	AL	3-2-11	920
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.9

Airbill Number: 794477839680

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW/~~4771~~ 4771/211030216/3-9-11

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030111 - 07

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW86	AOCU-GW86	01032011	1055	-	N	1	WG	10	X	X	X	X		X	X						16			7
AOCU-GW84	AOCU-GW84	01032011	0920	-	N	1	WG	10	X	X	X	X		X	X						17			7
Trip Blank		01032011	0920	-	TB	1	WQ	3	X												18	HA-0285050		7
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/1/11	1400	1.		
2. [signature]	3-2-11	9an	2. [signature]	3-2-11	9an
3.			3.		

Sample Delivery Details / Laboratory Receipt 3.1

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.:

Airbill Number: 7944 7783 4678

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW /4771/21030216/3-G-4

Project No: 8090006.02.010

COC Number(1): 030111-04

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW75-M	AOCU-GW75	28022011	~~1515~~	1516 -	N	1	WG	1					X											19	4
AOCU-GW75A-M	AOCU-GW75A	28022011	~~1515~~	1516 -	FD	1	WG	1					X											20	4
AOCU-GW77-M	AOCU-GW77	2822011	~~1410~~	1411 -	N	1	WG	1					X											21	4
AOCU-GW78-M	AOCU-GW78	2822011	~~1320~~	1321 -	N	1	WG	1					X											22	4
AOCU-GW80-M	AOCU-GW80	2822011	~~1100~~	1101 -	N	1	WG	1					X											23	4
AOCU-GW82-M	AOCU-GW82	2822011	~~1015~~	1016 -	N	1	WG	1					X											24	4
AOCU-GW83-M	AOCU-GW83	2822011	~~0920~~	0921 -	N	1	WG	1					X											25	4
AOCU-GW93-M	AOCU-GW93	2822011	~~1200~~	1201 -	N	1	WG	1					X											26	4
AOCU-GW96-M	AOCU-GW96	2822011	~~1030~~	1031 -	N	1	WG	1					X											27	4
AOCU-GW98-M	AOCU-GW98	2822011	~~1500~~	1501 -	N	1	WG	1					X											28	4
AOCU-GW98-MS	AOCU-GW98-MS	2822011	~~1500~~	1501 -	MS	1	WG	1					X											29	4

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. J H Moore	3/1/11	1400	1.		
2. Beck	3-2-11	92	2. K	3/2/11	92
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 31

Airbill Number: 7968 1522 5043

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01; if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW/4771/21030216/3-9-4

Project No: 8090006.02.010

COC Number(1): 030111-04

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW98-MSD	AOCU-GW98-MSD	28022011	~~1300~~ 1301	-	SD	1	WG	1					X										31	Y
AOCU-GW100-M	AOCU-GW100	28022011	~~0915~~ 0916	-	N	1	WG	1					X										31	Y
				-																				
				-																				
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				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	JH Moore	3/1/11	1400			
2.	Fedex	3-2-11	9AM	M	3.2.11.	9AM
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 31

Airbill Number: 7968 1522 5043

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW /4771 /211030216

Project No: 8090006.02.010

COC Number(1): 030211-04

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW68	AOCU-GW68	01032011	1530	-	N	1	WG	1					X												4
AOCU-GW69	AOCU-GW69	01032011	1250	-	N	1	WG	1					X												4
AOCU-GW69A	AOCU-GW69A	01032011	1250	-	FD	1	WG	1					X												4
AOCU-GW71	AOCU-GW71	01032011	1420	-	N	1	WG	1					X												4
AOCU-GW72	AOCU-GW72	01032011	1400	-	N	1	WG	1					X												4
AOCU-GW73	AOCU-GW73	01032011	1300	-	N	1	WG	1					X												4
AOCU-GW84-MX ✓	AOCU-GW84	01032011	~~0920~~ 0921	-	N	1	WG	1					X											32	4
AOCU-GW86-MX	AOCU-GW86	01032011	~~1055~~ 1056	-	N	1	WG	1					X											33	4
AOCU-GW89-MX	AOCU-GW89	01032011	~~0900~~ 0901	-	N	1	WG	1					X											34	4
AOCU-GW91-MX	AOCU-GW91	01032011	~~1000~~ 1001	-	N	1	WG	1					X											35	4

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/2/11	1400	1.		
2. [signature]	3-3-11	850	2. [signature]	3-3-11	850
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 3.2

Airbill Number: 796820585377

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* samples are in the water only

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

SAMPLE RECEIVING CHECKLIST

Workorder: 211030216

Client: 4771 - NationView LLC

Profile: 204817 - AOC-U Investigarion, Holloman AFB

Line Item: 1 - Water

Received by: Raborn, Michelle

Received Date/Time: 3/3/2011 8:50:00 AM

Samples Received via: FEDEX

Number of Coolers Received: 11

Cooler tracking numbers(s): 7944 7284 8652 7968 7787 0643 7944 7783 9680 7968 1522 5043 7944 7788 0780 7944 7225 1742 7944 7226 1765 7968 0959 3050 7944 7783 4675 7968 1523 3626 7968 2058 5377

Cooler temperature(s): 2.6 1.6 3.8 3.3 4.3 2.5 1.9 3.1 3.1 3.7

Were all coolers received at a temperature of 0 - 6° C?	✓ Yes	No	N/A
Were all custody seals intact?	✓ Yes	No	N/A
Were all samples recevied in proper containers?	✓ Yes	No	N/A
Were all samples properly preserved?	✓ Yes	No	N/A
Was preservative added to any container at the lab?	Yes	✓ No	N/A
Were all containers received in good condition?	✓ Yes	No	N/A
Were all VOA vials received with no head space?	✓ Yes	No	N/A
Do all sample labels match the Chain of Custody?	✓ Yes	No	N/A
Was the client notified about any discrepancies?	Yes	No	N/A

Notes/Comments:

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER ADE - 1482

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 GSRI Avenue

Baton Rouge, LA 70820

Report Date 04/04/2011

GCAL Report 211030309

Deliver To	NationView, LLC 445 Union Blvd. Suite 129 Denver, CO 80228 303-597-2450
Attn	Jim Moore

Customer NationView LLC

Project AOC-U RFI Investigarion

CASE NARRATIVE

Client: NationView LLC **Report:** 211030309

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

This report was resubmitted on 04/04/11. The data was revised to include estimated values in the report.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 451890Acrylonitrile exhibited a % D value greater than 40 in the ICV. Acrylonitrile was not detected in any samples.

In the SW-846 8260B analysis for analytical batch 451797, the MS/MSD exhibited recovery failures. The LCS and/or LCSD recoveries are above the upper control limit for Acrylonitrile. This compound was not detected in the associated samples. The MS/MSD recoveries for 2-Chloroethylvinyl ether are not applicable because this compound is not recovered in acidified samples. Acrylonitrile exhibited a % D value greater than 40 in the CCV and ICV. Acrylonitrile was not detected in any samples.

In the SW-846 8260B analysis for analytical batch 451901, the MS/MSD exhibited recovery and RPD failures. The LCS/LCSD recoveries are acceptable. The MS/MSD recoveries for 2-Chloroethylvinyl ether are not applicable because this compound is not recovered in acidified samples. Acrylonitrile exhibited a % D value greater than 40 in the ICV. Acrylonitrile was not detected in any samples.

SEMI-VOLATILES MASS SPECTROMETRY

2,4-Dinitrophenol was recovered high in the ICV at 121%. There are no hits for 2,4-Dinitrophenol in any of the associated samples.

METALS

In the SW-846 6010B Dissolved analysis, a chemical or physical interference necessitated a dilution for samples 21103030918 (AOCU-GW68), 21103030919 (AOCU-GW69), 21103030920 (AOCU-GW69-A), 21103030921 (AOCU-GW71), 21103030922 (AOCU-GW72), 21103030923 (AOCU-GW73), 21103030926 (AOCU-GW59), 21103030927 (AOCU-GW64), 21103030928 (AOCU-GW66), 21103030924 (AOCU-GW56) and 21103030925 (AOCU-GW57) . This is reflected in the elevated reporting limits.

In the SW-846 6010B Dissolved analysis for prep batch 451727, the MS and/or MSD recovery is outside the control limits for Thallium. The LCS recovery is within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with a recovery of 95%. The MS/MSD recoveries are not applicable for Calcium, Magnesium, Potassium and Sodium because the sample concentration is greater than four times the spike concentration. Calcium was detected in the method blank. The concentration was insignificant as compared to the concentration detected in the associated sample(s). The MS and/or MSD recovery is outside the control limits for Vanadium. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference. Chromium was recovered outside of the established control limits for the LCS and/or LCSD.

In the SW-846 7470A Dissolved analysis for prep batches 451809 and 451729, the MS and/or MSD recovery

is outside the control limits for Mercury. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference.

In the SW-846 6010B Dissolved analysis for prep batch 451808, the MS and/or MSD recovery is outside the control limits for Vanadium and Copper. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference. The MS recovery is not applicable for Calcium, Magnesium and Potassium because the sample concentration is greater than four times the spike concentration.

CONVENTIONALS

In the EPA 353.2 analysis, samples 21103030907 (AOCU-GW69), 21103030908 (AOCU-GW69-A), 21103030901 (AOCU-GW73), 21103030905 (AOCU-GW71), 21103030904 (AOCU-GW68), 21103030913 (AOCU-GW64), 21103030910 (AOCU-GW57), 21103030914 (AOCU-GW66) and 21103030916 (AOCU-GW56) had to be diluted in order to bracket the Nitrate + Nitrite and/or Nitrite concentrations within the calibration range of the instrument. The Nitrate is based on the difference between the Nitrate + Nitrite and the Nitrite. The dilution is reflected in the elevated reporting limit.

In the SM 2540 C analysis, samples 21103030901 (AOCU-GW73), 21103030902 (AOCU-GW72), 21103030904 (AOCU-GW68), 21103030905 (AOCU-GW71), 21103030907 (AOCU-GW69), 21103030908 (AOCU-GW69-A), 21103030910 (AOCU-GW57), 21103030911 (AOCU-GW59), 21103030913 (AOCU-GW64), 21103030914 (AOCU-GW66) and 21103030916 (AOCU-GW56) had to be diluted prior to filtration in order not to exceed the maximum residue allowed by the method.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Robyn Migues
Technical Director
GCAL REPORT 211030309

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030901	AOCU-GW73	Water	03/01/2011 13:00	03/03/2011 08:50
21103030902	AOCU-GW72	Water	03/01/2011 14:00	03/03/2011 08:50
21103030903	TRIP BLANK	Water	03/01/2011 13:00	03/03/2011 08:50
21103030904	AOCU-GW68	Water	03/01/2011 15:30	03/03/2011 08:50
21103030905	AOCU-GW71	Water	03/01/2011 14:20	03/03/2011 08:50
21103030906	TRIP BLANK	Water	03/01/2011 14:20	03/03/2011 08:50
21103030907	AOCU-GW69	Water	03/01/2011 12:50	03/03/2011 08:50
21103030908	AOCU-GW69-A	Water	03/01/2011 12:50	03/03/2011 08:50
21103030909	TRIP BLANK	Water	03/01/2011 12:50	03/03/2011 08:50
21103030910	AOCU-GW57	Water	03/02/2011 10:00	03/03/2011 08:50
21103030911	AOCU-GW59	Water	03/02/2011 09:15	03/03/2011 08:50
21103030912	TRIP BLANK	Water	03/02/2011 09:15	03/03/2011 08:50
21103030913	AOCU-GW64	Water	03/02/2011 09:30	03/03/2011 08:50
21103030914	AOCU-GW66	Water	03/02/2011 10:30	03/03/2011 08:50
21103030915	TRIP BLANK	Water	03/02/2011 09:30	03/03/2011 08:50
21103030916	AOCU-GW56	Water	03/02/2011 10:40	03/03/2011 08:50
21103030917	TRIP BLANK	Water	03/02/2011 10:40	03/03/2011 08:50
21103030918	AOCU-GW68-M	Water	03/01/2011 15:31	03/03/2011 08:50
21103030919	AOCU-GW69-M	Water	03/01/2011 12:51	03/03/2011 08:50
21103030920	AOCU-GW69-A-M	Water	03/01/2011 12:51	03/03/2011 08:50
21103030921	AOCU-GW71-M	Water	03/01/2011 14:21	03/03/2011 08:50
21103030922	AOCU-GW72-M	Water	03/01/2011 14:01	03/03/2011 08:50
21103030923	AOCU-GW73-M	Water	03/01/2011 13:01	03/03/2011 08:50
21103030924	AOCU-GW56-M	Water	03/02/2011 10:41	03/04/2011 09:10
21103030925	AOCU-GW57-M	Water	03/02/2011 10:01	03/04/2011 09:10
21103030926	AOCU-GW59-M	Water	03/02/2011 09:16	03/04/2011 09:10
21103030927	AOCU-GW64-M	Water	03/02/2011 09:31	03/04/2011 09:10
21103030928	AOCU-GW66-M	Water	03/02/2011 10:31	03/04/2011 09:10

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030901	**AOCU-GW73**	Water	03/01/2011 13:00	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 07:40	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030901	**AOCU-GW73**	Water	03/01/2011 13:00	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 07:40	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.3	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	51.2	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	48.7	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.7	ug/L	101	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 07:40	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030901	**AOCU-GW73**	Water	03/01/2011 13:00	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 15:22	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030901	**AOCU-GW73**	Water	03/01/2011 13:00	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 15:22	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.7	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	42.1	ug/L	84	16 - 128
1718-51-0	Terphenyl-d14	50	48.8	ug/L	98	43 - 138
4165-62-2	Phenol-d5	100	40.8	ug/L	41	10 - 120
367-12-4	2-Fluorophenol	100	53	ug/L	53	10 - 120
118-79-6	2,4,6-Tribromophenol	100	90.8	ug/L	91	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 17:16	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.4	ug/L	77	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 21:20	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.6	ug/L	89	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030901	**AOCU-GW73**	Water	03/01/2011 13:00	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 17:16	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	36	ug/L	72	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			25	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**65300**	**250**	**250**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/03/2011 12:38	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**7.17**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030902	**AOCU-GW72**	Water	03/01/2011 14:00	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 08:03	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030902	**AOCU-GW72**	Water	03/01/2011 14:00	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 08:03	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.6	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	51.6	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	50.6	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.5	ug/L	105	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 08:03	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030902	**AOCU-GW72**	Water	03/01/2011 14:00	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 15:39	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030902	**AOCU-GW72**	Water	03/01/2011 14:00	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 15:39	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41.6	ug/L	83	52 - 120
321-60-8	2-Fluorobiphenyl	50	39.1	ug/L	78	16 - 128
1718-51-0	Terphenyl-d14	50	50.3	ug/L	101	43 - 138
4165-62-2	Phenol-d5	100	43.6	ug/L	44	10 - 120
367-12-4	2-Fluorophenol	100	52.3	ug/L	52	10 - 120
118-79-6	2,4,6-Tribromophenol	100	92.1	ug/L	92	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 17:34	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.7	ug/L	77	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 21:44	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.7	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030902	**AOCU-GW72**	Water	03/01/2011 14:00	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 17:34	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	36.3	ug/L	73	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**62500**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/03/2011 12:39	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.011**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030903	**TRIP BLANK**	Water	03/01/2011 13:00	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 08:25	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030903	**TRIP BLANK**	Water	03/01/2011 13:00	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 08:25	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.4	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	49.5	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	51.9	ug/L	104	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.2	ug/L	102	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030904	**AOCU-GW68**	Water	03/01/2011 15:30	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 08:48	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030904	**AOCU-GW68**	Water	03/01/2011 15:30	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 08:48	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.6	ug/L	93	84 - 120
1868-53-7	Dibromofluoromethane	50	50.4	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	49.2	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 08:48	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030904	**AOCU-GW68**	Water	03/01/2011 15:30	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 15:56	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030904	**AOCU-GW68**	Water	03/01/2011 15:30	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 15:56	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	40.4	ug/L	81	52 - 120
321-60-8	2-Fluorobiphenyl	50	39.1	ug/L	78	16 - 128
1718-51-0	Terphenyl-d14	50	49.7	ug/L	99	43 - 138
4165-62-2	Phenol-d5	100	40.3	ug/L	40	10 - 120
367-12-4	2-Fluorophenol	100	48.8	ug/L	49	10 - 120
118-79-6	2,4,6-Tribromophenol	100	89.5	ug/L	90	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 17:51	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	37.9	ug/L	76	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 22:08	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.5	ug/L	88	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030904	**AOCU-GW68**	Water	03/01/2011 15:30	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 17:51	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	35.6	ug/L	71	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			25	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**66800**	**250**	**250**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/03/2011 12:42	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**54.3**	**1.00**	**0.260**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030905	**AOCU-GW71**	Water	03/01/2011 14:20	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 09:11	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	**Benzene**	**1.63J**	**5**	**0.049**	**ug/L**
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030905	**AOCU-GW71**	Water	03/01/2011 14:20	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 09:11	CLH	451797

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	**Toluene**	**2.31J**	**5**	**0.078**	**ug/L**
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.6	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	49	ug/L	98	87 - 116
2037-26-5	Toluene d8	50	49.6	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.8	ug/L	104	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 09:11	CLH	451900

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030905	**AOCU-GW71**	Water	03/01/2011 14:20	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 16:12	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030905	**AOCU-GW71**	Water	03/01/2011 14:20	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 16:12	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.2	ug/L	88	52 - 120
321-60-8	2-Fluorobiphenyl	50	43.2	ug/L	86	16 - 128
1718-51-0	Terphenyl-d14	50	53.8	ug/L	108	43 - 138
4165-62-2	Phenol-d5	100	44.5	ug/L	45	10 - 120
367-12-4	2-Fluorophenol	100	55.6	ug/L	56	10 - 120
118-79-6	2,4,6-Tribromophenol	100	94.9	ug/L	95	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 18:09	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38	ug/L	76	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 22:32	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030905	**AOCU-GW71**	Water	03/01/2011 14:20	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 18:09	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	35.7	ug/L	71	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**41400**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/03/2011 12:40	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**37.2**	**0.500**	**0.130**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030906	**TRIP BLANK**	Water	03/01/2011 14:20	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 16:46	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030906	**TRIP BLANK**	Water	03/01/2011 14:20	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 16:46	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.8	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	49	ug/L	98	87 - 116
2037-26-5	Toluene d8	50	50	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.4	ug/L	103	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030907	**AOCU-GW69**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 17:09	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030907	**AOCU-GW69**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 17:09	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.3	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	50.4	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	50.3	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.2	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 17:09	CLH	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030907	**AOCU-GW69**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 16:29	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030907	**AOCU-GW69**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 16:29	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	38.9	ug/L	78	52 - 120
321-60-8	2-Fluorobiphenyl	50	37.6	ug/L	75	16 - 128
1718-51-0	Terphenyl-d14	50	48.2	ug/L	96	43 - 138
4165-62-2	Phenol-d5	100	36.4	ug/L	36	10 - 120
367-12-4	2-Fluorophenol	100	46	ug/L	46	10 - 120
118-79-6	2,4,6-Tribromophenol	100	79	ug/L	79	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 18:26	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.6	ug/L	77	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 22:56	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.7	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030907	**AOCU-GW69**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 18:26	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	36.3	ug/L	73	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			25	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**54500**	**250**	**250**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	03/03/2011 13:08	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**42.5**	**2.00**	**0.520**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030908	**AOCU-GW69-A**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 17:31	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030908	**AOCU-GW69-A**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 17:31	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.7	ug/L	93	84 - 120
1868-53-7	Dibromofluoromethane	50	49.6	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	48.5	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.9	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 17:31	CLH	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030908	**AOCU-GW69-A**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 16:46	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030908	**AOCU-GW69-A**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 16:46	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	39.6	ug/L	79	52 - 120
321-60-8	2-Fluorobiphenyl	50	38.1	ug/L	76	16 - 128
1718-51-0	Terphenyl-d14	50	49	ug/L	98	43 - 138
4165-62-2	Phenol-d5	100	37.5	ug/L	38	10 - 120
367-12-4	2-Fluorophenol	100	48.5	ug/L	49	10 - 120
118-79-6	2,4,6-Tribromophenol	100	80.4	ug/L	80	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 19:19	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.1	ug/L	76	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 23:24	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.6	ug/L	82	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030908	**AOCU-GW69-A**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 19:19	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	35.8	ug/L	72	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			25	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**67300**	**250**	**250**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/03/2011 12:37	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**46.6**	**1.00**	**0.260**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030909	**TRIP BLANK**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 17:54	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030909	**TRIP BLANK**	Water	03/01/2011 12:50	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 17:54	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	48.2	ug/L	96	87 - 116
2037-26-5	Toluene d8	50	50	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.2	ug/L	104	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030910	**AOCU-GW57**	Water	03/02/2011 10:00	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 18:17	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030910	**AOCU-GW57**	Water	03/02/2011 10:00	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 18:17	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.7	ug/L	93	84 - 120
1868-53-7	Dibromofluoromethane	50	49.5	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	50.2	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.5	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 18:17	CLH	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030910	**AOCU-GW57**	Water	03/02/2011 10:00	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 17:03	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030910	**AOCU-GW57**	Water	03/02/2011 10:00	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 17:03	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	39.4	ug/L	79	52 - 120
321-60-8	2-Fluorobiphenyl	50	37	ug/L	74	16 - 128
1718-51-0	Terphenyl-d14	50	33.1	ug/L	66	43 - 138
4165-62-2	Phenol-d5	100	48.3	ug/L	48	10 - 120
367-12-4	2-Fluorophenol	100	51.9	ug/L	52	10 - 120
118-79-6	2,4,6-Tribromophenol	100	77.5	ug/L	78	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 19:37	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	41.8	ug/L	84	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 23:48	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.2	ug/L	81	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030910	**AOCU-GW57**	Water	03/02/2011 10:00	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 19:37	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.3	ug/L	79	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**168000**	**1000**	**1000**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	03/03/2011 12:48	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**140**	**5.00**	**1.30**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030911	**AOCU-GW59**	Water	03/02/2011 09:15	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 18:40	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030911	**AOCU-GW59**	Water	03/02/2011 09:15	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 18:40	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	48.9	ug/L	98	87 - 116
2037-26-5	Toluene d8	50	50.6	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 18:40	CLH	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030911	**AOCU-GW59**	Water	03/02/2011 09:15	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 17:19	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	**Benzyl alcohol**	**0.555J**	**10.0**	**0.355**	**ug/L**
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030911	**AOCU-GW59**	Water	03/02/2011 09:15	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 17:19	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.6	ug/L	89	52 - 120
321-60-8	2-Fluorobiphenyl	50	44.1	ug/L	88	16 - 128
1718-51-0	Terphenyl-d14	50	40.9	ug/L	82	43 - 138
4165-62-2	Phenol-d5	100	51.4	ug/L	51	10 - 120
367-12-4	2-Fluorophenol	100	60.8	ug/L	61	10 - 120
118-79-6	2,4,6-Tribromophenol	100	93.7	ug/L	94	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 19:54	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	40.3	ug/L	81	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/09/2011 00:12	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.8	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030911	**AOCU-GW59**	Water	03/02/2011 09:15	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 19:54	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	37.9	ug/L	76	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**84000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/03/2011 12:43	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.676**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030912	**TRIP BLANK**	Water	03/02/2011 09:15	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 19:03	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030912	**TRIP BLANK**	Water	03/02/2011 09:15	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 19:03	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.9	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	50.5	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	48.5	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.3	ug/L	107	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030913	**AOCU-GW64**	Water	03/02/2011 09:30	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 19:25	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030913	**AOCU-GW64**	Water	03/02/2011 09:30	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 19:25	CLH	451890

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.8	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	50.1	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	50.7	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.9	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 19:25	CLH	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030913	**AOCU-GW64**	Water	03/02/2011 09:30	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 17:36	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030913	**AOCU-GW64**	Water	03/02/2011 09:30	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 17:36	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.7	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	40.3	ug/L	81	16 - 128
1718-51-0	Terphenyl-d14	50	47.7	ug/L	95	43 - 138
4165-62-2	Phenol-d5	100	48.8	ug/L	49	10 - 120
367-12-4	2-Fluorophenol	100	57.6	ug/L	58	10 - 120
118-79-6	2,4,6-Tribromophenol	100	95.6	ug/L	96	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 20:11	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	37.9	ug/L	76	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/09/2011 00:36	BMR	452040

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.1	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030913	**AOCU-GW64**	Water	03/02/2011 09:30	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 20:11	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	35.6	ug/L	71	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**113000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/03/2011 12:44	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**42.0**	**1.00**	**0.260**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030914	**AOCU-GW66**	Water	03/02/2011 10:30	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 00:06	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030914	**AOCU-GW66**	Water	03/02/2011 10:30	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 00:06	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.9	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	47.4	ug/L	95	87 - 116
2037-26-5	Toluene d8	50	49.5	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.1	ug/L	104	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 00:06	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030914	**AOCU-GW66**	Water	03/02/2011 10:30	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 17:53	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030914	**AOCU-GW66**	Water	03/02/2011 10:30	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 17:53	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41.3	ug/L	83	52 - 120
321-60-8	2-Fluorobiphenyl	50	40.5	ug/L	81	16 - 128
1718-51-0	Terphenyl-d14	50	48.8	ug/L	98	43 - 138
4165-62-2	Phenol-d5	100	44.4	ug/L	44	10 - 120
367-12-4	2-Fluorophenol	100	54.1	ug/L	54	10 - 120
118-79-6	2,4,6-Tribromophenol	100	87.7	ug/L	88	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 20:29	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.5	ug/L	77	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/09/2011 17:10	BMR	452126

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.1	ug/L	84	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030914	**AOCU-GW66**	Water	03/02/2011 10:30	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 20:29	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	36.2	ug/L	72	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**114000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	03/03/2011 12:53	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**83.5**	**2.00**	**0.520**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030915	**TRIP BLANK**	Water	03/02/2011 09:30	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 00:29	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030915	**TRIP BLANK**	Water	03/02/2011 09:30	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 00:29	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.3	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	47.4	ug/L	95	87 - 116
2037-26-5	Toluene d8	50	49.5	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.9	ug/L	104	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030916	**AOCU-GW56**	Water	03/02/2011 10:40	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 00:52	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030916	**AOCU-GW56**	Water	03/02/2011 10:40	03/03/2011 08:50

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 00:52	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.8	ug/L	90	84 - 120
1868-53-7	Dibromofluoromethane	50	49.6	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	49.9	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.5	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 00:52	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030916	**AOCU-GW56**	Water	03/02/2011 10:40	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 18:09	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030916	**AOCU-GW56**	Water	03/02/2011 10:40	03/03/2011 08:50

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 10:30	451739	3510C	1	03/07/2011 18:09	JEW	451931

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.5	ug/L	89	52 - 120
321-60-8	2-Fluorobiphenyl	50	42.3	ug/L	85	16 - 128
1718-51-0	Terphenyl-d14	50	52.6	ug/L	105	43 - 138
4165-62-2	Phenol-d5	100	54.8	ug/L	55	10 - 120
367-12-4	2-Fluorophenol	100	65.5	ug/L	66	10 - 120
118-79-6	2,4,6-Tribromophenol	100	90.6	ug/L	91	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451742	3510C	1	03/04/2011 20:47	SMH	451911

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.9	ug/L	78	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/09/2011 17:34	BMR	452126

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.6	ug/L	82	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030916	**AOCU-GW56**	Water	03/02/2011 10:40	03/03/2011 08:50

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 13:32	451743	3510C	1	03/04/2011 20:47	SMH	451912

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	36.5	ug/L	73	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/03/2011 15:30	DJH	451765

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**191000**	**1000**	**1000**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	03/03/2011 12:54	AEL	451724

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**331**	**5.00**	**1.30**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030917	**TRIP BLANK**	Water	03/02/2011 10:40	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 01:16	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030917	**TRIP BLANK**	Water	03/02/2011 10:40	03/03/2011 08:50

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 01:16	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.9	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	46.8	ug/L	94	87 - 116
2037-26-5	Toluene d8	50	49.8	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030918	**AOCU-GW68-M**	Water	03/01/2011 15:31	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:34	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	5	03/08/2011 19:11	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.031B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.031B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**1670**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0070B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2290**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.19**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.019B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**94.2**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 09:35	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**11200**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030919	**AOCU-GW69-M**	Water	03/01/2011 12:51	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:36	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	5	03/08/2011 19:17	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.049B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.020B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**1940**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0055B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2530**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.27**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.023B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**95.1**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 09:43	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**12000**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030920	**AOCU-GW69-A-M**	Water	03/01/2011 12:51	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:37	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	5	03/08/2011 19:24	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	Antimony	0.020U	0.30	0.020	mg/L
7440-38-2	**Arsenic**	**0.021B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**1900**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0031B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2590**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.23**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.024B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**94.2**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 10:09	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**12100**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030921	**AOCU-GW71-M**	Water	03/01/2011 14:21	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:39	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	5	03/08/2011 19:30	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.021B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.030B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**1050**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0093B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.014B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2040**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.016B**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.018B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**60.0**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 10:16	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**10200**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030922	**AOCU-GW72-M**	Water	03/01/2011 14:01	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:44	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	5	03/08/2011 20:15	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.050B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.071**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**806**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0067B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2760**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.22**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.021B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**103**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 10:24	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**16200**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030923	**AOCU-GW73-M**	Water	03/01/2011 13:01	03/03/2011 08:50

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:00	451729	SW-846 7470A Dissolved	1	03/09/2011 14:48	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	5	03/08/2011 20:22	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	Antimony	0.020U	0.30	0.020	mg/L
7440-38-2	**Arsenic**	**0.029B**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**767**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0059B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.0065B**	**0.050**	**0.0020**	**mg/L**
7440-50-8	**Copper**	**0.010B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2140**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.78**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.020B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**64.2**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/03/2011 12:01	451727	SW-846 3005 Dissolved	50	03/09/2011 10:32	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**11200**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030924	**AOCU-GW56-M**	Water	03/02/2011 10:41	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:04	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	100	03/10/2011 20:14	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**37800**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	20	03/11/2011 09:46	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.88U	4.00	0.88	mg/L
7440-36-0	**Antimony**	**0.13B**	**1.20**	**0.081**	**mg/L**
7440-38-2	**Arsenic**	**0.058B**	**0.20**	**0.051**	**mg/L**
7440-39-3	Barium	0.0022U	0.20	0.0022	mg/L
7440-41-7	Beryllium	0.0023U	0.10	0.0023	mg/L
7440-43-9	Cadmium	0.0022U	0.10	0.0022	mg/L
7440-70-2	**Calcium**	**989**	**2.00**	**0.51**	**mg/L**
7440-47-3	**Chromium**	**0.059B**	**0.20**	**0.0069**	**mg/L**
7440-48-4	Cobalt	0.0079U	0.20	0.0079	mg/L
7440-50-8	**Copper**	**0.22**	**0.20**	**0.027**	**mg/L**
7439-89-6	Iron	0.75U	2.00	0.75	mg/L
7439-92-1	Lead	0.028U	0.30	0.028	mg/L
7439-95-4	**Magnesium**	**10100**	**2.00**	**0.29**	**mg/L**
7439-96-5	**Manganese**	**0.34**	**0.30**	**0.025**	**mg/L**
7440-02-0	**Nickel**	**0.10B**	**0.80**	**0.019**	**mg/L**
7440-09-7	**Potassium**	**244**	**10.0**	**1.05**	**mg/L**
7782-49-2	Selenium	0.087U	0.80	0.087	mg/L
7440-22-4	Silver	0.012U	0.20	0.012	mg/L
7440-28-0	Thallium	0.035U	0.40	0.035	mg/L
7440-62-2	Vanadium	0.016U	0.40	0.016	mg/L
7440-66-6	Zinc	0.054U	0.40	0.054	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030925	**AOCU-GW57-M**	Water	03/02/2011 10:01	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:05	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	100	03/10/2011 20:21	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**42900**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	20	03/11/2011 09:53	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.88U	4.00	0.88	mg/L
7440-36-0	**Antimony**	**0.12B**	**1.20**	**0.081**	**mg/L**
7440-38-2	Arsenic	0.051U	0.20	0.051	mg/L
7440-39-3	Barium	0.0022U	0.20	0.0022	mg/L
7440-41-7	Beryllium	0.0023U	0.10	0.0023	mg/L
7440-43-9	Cadmium	0.0022U	0.10	0.0022	mg/L
7440-70-2	**Calcium**	**1030**	**2.00**	**0.51**	**mg/L**
7440-47-3	**Chromium**	**0.060B**	**0.20**	**0.0069**	**mg/L**
7440-48-4	Cobalt	0.0079U	0.20	0.0079	mg/L
7440-50-8	**Copper**	**0.20**	**0.20**	**0.027**	**mg/L**
7439-89-6	Iron	0.75U	2.00	0.75	mg/L
7439-92-1	Lead	0.028U	0.30	0.028	mg/L
7439-95-4	**Magnesium**	**10500**	**2.00**	**0.29**	**mg/L**
7439-96-5	**Manganese**	**0.66**	**0.30**	**0.025**	**mg/L**
7440-02-0	**Nickel**	**0.10B**	**0.80**	**0.019**	**mg/L**
7440-09-7	**Potassium**	**316**	**10.0**	**1.05**	**mg/L**
7782-49-2	Selenium	0.087U	0.80	0.087	mg/L
7440-22-4	Silver	0.012U	0.20	0.012	mg/L
7440-28-0	Thallium	0.035U	0.40	0.035	mg/L
7440-62-2	Vanadium	0.016U	0.40	0.016	mg/L
7440-66-6	Zinc	0.054U	0.40	0.054	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030926	**AOCU-GW59-M**	Water	03/02/2011 09:16	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:07	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	10	03/10/2011 18:33	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.096B**	**0.60**	**0.040**	**mg/L**
7440-38-2	Arsenic	0.025U	0.10	0.025	mg/L
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**922**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.025B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	**Copper**	**0.077B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**6470**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.34**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.058B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**179**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	100	03/10/2011 20:29	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**30800**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030927	**AOCU-GW64-M**	Water	03/02/2011 09:31	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:08	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	10	03/10/2011 18:40	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.10B**	**0.60**	**0.040**	**mg/L**
7440-38-2	Arsenic	0.025U	0.10	0.025	mg/L
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**2380**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.026B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	**Copper**	**0.064B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**6290**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.055B**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.053B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**165**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	100	03/10/2011 20:49	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**24800**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103030928	**AOCU-GW66-M**	Water	03/02/2011 10:31	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:10	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	10	03/10/2011 18:47	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.094B**	**0.60**	**0.040**	**mg/L**
7440-38-2	Arsenic	0.025U	0.10	0.025	mg/L
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**3400**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.028B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	**Copper**	**0.072B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**5790**	**1.00**	**0.14**	**mg/L**
7439-96-5	Manganese	0.012U	0.15	0.012	mg/L
7440-02-0	**Nickel**	**0.060B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**144**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	25	03/10/2011 19:29	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	100	03/10/2011 20:57	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**21000**	**100**	**5.14**	**mg/L**

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797	**Client ID**	MB451797	LCS451797	LCSD451797
Prep Batch N/A	**GCAL ID**	926178	926179	926180
	Sample Type	Method Blank	LCS	LCSD
	Analytical Date	03/06/2011 01:12	03/05/2011 23:19	03/05/2011 23:41
	Matrix	Water	Water	Water

SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	0.322U	0.322	50.0	44.6	89	59 - 134	40.9	82	9	30
107-02-8	Acrolein	2.49U	2.49	250	332	133	33 - 157	343	137	3	30
107-13-1	Acrylonitrile	1.62U	1.62	250	465	**186***	62 - 124	452	**181***	3	30
74-97-5	Bromochloromethane	0.238U	0.238	50.0	49.8	100	78 - 112	48.2	96	3	30
75-27-4	Bromodichloromethane	0.071U	0.071	50.0	48.7	97	76 - 116	47.7	95	2	30
75-25-2	Bromoform	0.278U	0.278	50.0	56.3	113	68 - 128	51.9	104	8	30
74-83-9	Bromomethane	0.276U	0.276	50.0	54.7	109	55 - 151	51.6	103	6	30
75-15-0	Carbon disulfide	0.190U	0.190	50.0	50.4	101	67 - 147	46.2	92	9	30
56-23-5	Carbon tetrachloride	0.056U	0.056	50.0	51.2	102	74 - 139	48.4	97	6	30
75-00-3	Chloroethane	0.279U	0.279	50.0	52.3	105	54 - 166	47.8	96	9	30
136777-61-2	m,p-Xylene	0.099U	0.099	100	99.5	100	83 - 121	94.5	95	5	30
67-66-3	Chloroform	0.062U	0.062	50.0	50.9	102	85 - 123	47.0	94	8	30
74-87-3	Chloromethane	0.076U	0.076	50.0	49.4	99	55 - 173	50.7	101	3	30
124-48-1	Dibromochloromethane	0.133U	0.133	50.0	50.6	101	74 - 116	47.9	96	5	30
74-95-3	Dibromomethane	0.197U	0.197	50.0	53.6	107	81 - 116	49.6	99	8	30
75-71-8	Dichlorodifluoromethane	0.088U	0.088	50.0	49.9	100	34 - 158	46.0	92	8	30
75-34-3	1,1-Dichloroethane	0.064U	0.064	50.0	50.3	101	82 - 127	47.8	96	5	30
107-06-2	1,2-Dichloroethane	0.121U	0.121	50.0	51.3	103	76 - 122	47.6	95	7	30
156-59-2	cis-1,2-Dichloroethene	0.104U	0.104	50.0	52.4	105	81 - 114	53.2	106	2	30
156-60-5	trans-1,2-Dichloroethene	0.096U	0.096	50.0	51.7	103	82 - 126	45.4	91	13	30
75-09-2	Methylene chloride	0.102U	0.102	50.0	48.5	97	69 - 125	45.2	90	7	30
78-87-5	1,2-Dichloropropane	0.114U	0.114	50.0	52.0	104	81 - 120	47.6	95	9	30
10061-01-5	cis-1,3-Dichloropropene	0.105U	0.105	50.0	48.8	98	83 - 119	47.6	95	2	30
10061-02-6	trans-1,3-Dichloropropene	0.068U	0.068	50.0	50.1	100	87 - 123	48.1	96	4	30
100-41-4	Ethylbenzene	0.180U	0.180	50.0	50.2	100	87 - 118	48.9	98	3	30
97-63-2	Ethyl methacrylate	0.340U	0.340								
591-78-6	2-Hexanone	0.302U	0.302	50.0	44.3	89	58 - 125	45.3	91	2	30
98-82-8	Isopropylbenzene (Cumene)	0.058U	0.058	50.0	52.8	106	87 - 131	47.2	94	11	30
78-93-3	2-Butanone	0.235U	0.235	50.0	44.9	90	61 - 127	47.0	94	5	30
74-88-4	Methyl iodide	0.097U	0.097	50.0	46.0	92	72 - 125	42.4	85	8	30
108-10-1	4-Methyl-2-pentanone	0.142U	0.142	50.0	48.9	98	62 - 125	45.7	91	7	30
103-65-1	n-Propylbenzene	0.069U	0.069	50.0	51.5	103	86 - 125	46.8	94	10	30
100-42-5	Styrene	0.058U	0.058	50.0	52.4	105	78 - 118	50.1	100	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	451797	**Client ID**	MB451797			LCS451797			LCSD451797		
Prep Batch	N/A	**GCAL ID**	926178			926179			926180		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 01:12			03/05/2011 23:19			03/05/2011 23:41		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
127-18-4	Tetrachloroethene		0.210U	0.210	50.0	48.6	97	80 - 131	43.7	87	11	30
630-20-6	1,1,1,2-Tetrachloroethane		0.150U	0.150	50.0	48.9	98	81 - 119	46.5	93	5	30
79-34-5	1,1,2,2-Tetrachloroethane		0.112U	0.112	50.0	53.0	106	71 - 120	50.4	101	5	30
120-82-1	1,2,4-Trichlorobenzene		0.138U	0.138	50.0	48.0	96	68 - 123	47.6	95	0.8	30
71-55-6	1,1,1-Trichloroethane		0.078U	0.078	50.0	48.8	98	79 - 133	45.5	91	7	30
79-00-5	1,1,2-Trichloroethane		0.179U	0.179	50.0	49.4	99	80 - 114	45.8	92	8	30
75-69-4	Trichlorofluoromethane		0.094U	0.094	50.0	53.0	106	66 - 156	48.0	96	10	30
96-18-4	1,2,3-Trichloropropane		0.063U	0.063	50.0	51.7	103	77 - 115	49.7	99	4	30
95-63-6	1,2,4-Trimethylbenzene		0.080U	0.080	50.0	51.0	102	82 - 120	47.5	95	7	30
108-67-8	1,3,5-Trimethylbenzene		0.053U	0.053	50.0	50.5	101	83 - 123	47.4	95	6	30
75-01-4	Vinyl chloride		0.104U	0.104	50.0	52.2	104	57 - 153	46.9	94	11	30
95-47-6	o-Xylene		0.077U	0.077	50.0	51.6	103	83 - 121	47.2	94	9	30
96-12-8	1,2-Dibromo-3-chloropropane		0.082U	0.082	50.0	48.8	98	61 - 118	49.0	98	0.4	30
106-93-4	1,2-Dibromoethane		0.169U	0.169	50.0	51.6	103	80 - 115	49.8	100	4	30
80-62-6	Methyl methacrylate		0.606U	0.606								
107-12-0	Propionitrile		3.06U	3.06								
108-05-4	Vinyl acetate		0.197U	0.197	50.0	55.0	110	38 - 159	55.0	110	0	30
1634-04-4	tert-Butyl methyl ether (MTBE)		0.084U	0.084	50.0	52.7	105	75 - 116	50.7	101	4	30
99-87-6	4-Isopropyltoluene		0.175U	0.175	50.0	52.8	106	83 - 125	47.4	95	11	30
110-54-3	n-Hexane		0.126U	0.126	50.0	49.4	99	71 - 134	46.8	94	5	30
110-57-6	trans-1,4-Dichloro-2-butene		0.429U	0.429	50.0	50.9	102	51 - 137	50.0	100	2	30
594-20-7	2,2-Dichloropropane		0.112U	0.112	50.0	52.9	106	77 - 138	47.3	95	11	30
76-13-1	Trichlorotrifluoroethane		0.141U	0.141	50.0	53.0	106	74 - 139	48.0	96	10	30
563-58-6	1,1-Dichloropropene		0.071U	0.071	50.0	48.8	98	87 - 127	47.5	95	3	30
110-75-8	2-Chloroethylvinyl ether		1.20U	1.20	50.0	48.0	96	63 - 125	46.0	92	4	30
142-28-9	1,3-Dichloropropane		0.113U	0.113	50.0	51.6	103	81 - 113	49.0	98	5	30
108-86-1	Bromobenzene		0.095U	0.095	50.0	50.6	101	83 - 115	45.9	92	10	30
95-49-8	2-Chlorotoluene		0.090U	0.090	50.0	51.4	103	81 - 121	47.0	94	9	30
106-43-4	4-Chlorotoluene		0.046U	0.046	50.0	50.0	100	84 - 120	46.1	92	8	30
98-06-6	tert-Butylbenzene		0.058U	0.058	50.0	50.3	101	83 - 126	45.8	92	9	30
135-98-8	sec-Butylbenzene		0.088U	0.088	50.0	51.5	103	86 - 127	46.8	94	10	30
541-73-1	1,3-Dichlorobenzene		0.080U	0.080	50.0	50.1	100	86 - 115	46.1	92	8	30
106-46-7	1,4-Dichlorobenzene		0.058U	0.058	50.0	49.4	99	87 - 113	47.1	94	5	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797		**Client ID**	MB451797			LCS451797			LCSD451797		
Prep Batch N/A		**GCAL ID**	926178			926179			926180		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 01:12			03/05/2011 23:19			03/05/2011 23:41		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
104-51-8	n-Butylbenzene		0.068U	0.068	50.0	52.4	105	84 - 124	49.1	98	7	30
95-50-1	1,2-Dichlorobenzene		0.086U	0.086	50.0	51.1	102	85 - 115	47.7	95	7	30
87-68-3	Hexachlorobutadiene		0.347U	0.347	50.0	54.0	108	71 - 133	45.8	92	16	30
91-20-3	Naphthalene		0.175U	0.175	50.0	47.2	94	59 - 125	50.1	100	6	35
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	49.9	100	64 - 126	47.0	94	6	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	54.2	108	87 - 128	52.7	105	3	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	50.4	101	75 - 133	46.1	92	9	20
71-43-2	Benzene		0.049U	0.049	50.0	48.8	98	83 - 124	47.1	94	4	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	48.8	98	85 - 124	45.4	91	7	20
108-88-3	Toluene		0.078U	0.078	50.0	49.1	98	86 - 116	45.7	91	7	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	47.1	94	87 - 115	46.0	92	2	20
Surrogate												
460-00-4	4-Bromofluorobenzene		49.9	100	50	50.9	102	84 - 120	50.2	100		
1868-53-7	Dibromofluoromethane		50	100	50	50.6	101	87 - 116	50.4	101		
2037-26-5	Toluene d8		50	100	50	48.7	97	86 - 112	47.9	96		
17060-07-0	1,2-Dichloroethane-d4		51.4	103	50	52.3	105	76 - 127	49.1	98		

Analytical Batch 451797		**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch N/A		**GCAL ID**	21103021607			21103021609			21103021610		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 01:34			03/06/2011 01:57			03/06/2011 02:20		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		0.00	0.322	50.0	43.6	87	59 - 134	41.5	83	5	14
107-02-8	Acrolein		0.00	2.49	250	275	110	33 - 157	271	108	1	21
107-13-1	Acrylonitrile		0.00	1.62	250	266	106	62 - 124	278	111	4	13
74-97-5	Bromochloromethane		0.00	0.238	50.0	48.0	96	78 - 112	46.4	93	3	10

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797		**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch N/A		**GCAL ID**	21103021607			21103021609			21103021610		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 01:34			03/06/2011 01:57			03/06/2011 02:20		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
75-27-4	Bromodichloromethane		0.00	0.071	50.0	49.7	99	76 - 116	47.9	96	4	10
75-25-2	Bromoform		0.00	0.278	50.0	52.4	105	68 - 128	57.2	114	9	11
74-83-9	Bromomethane		0.00	0.276	50.0	51.4	103	55 - 151	50.1	100	3	21
75-15-0	Carbon disulfide		0.00	0.190	50.0	48.5	97	67 - 147	47.3	95	3	12
56-23-5	Carbon tetrachloride		0.00	0.056	50.0	50.5	101	74 - 139	49.2	98	3	13
75-00-3	Chloroethane		0.00	0.279	50.0	25.4	**51***	54 - 166	27.0	54	6	20
136777-61-2	m,p-Xylene		0.00	0.099	100	94.1	94	83 - 121	92.9	93	1	10
67-66-3	Chloroform		0.00	0.062	50.0	50.0	100	85 - 123	49.9	100	0.2	10
74-87-3	Chloromethane		0.00	0.076	50.0	52.7	105	55 - 173	52.4	105	0.6	22
124-48-1	Dibromochloromethane		0.00	0.133	50.0	50.3	101	74 - 116	50.6	101	0.6	11
74-95-3	Dibromomethane		0.00	0.197	50.0	51.1	102	81 - 116	51.0	102	0.2	10
75-71-8	Dichlorodifluoromethane		0.00	0.088	50.0	49.0	98	34 - 158	48.4	97	1	22
75-34-3	1,1-Dichloroethane		0.00	0.064	50.0	51.5	103	82 - 127	50.3	101	2	10
107-06-2	1,2-Dichloroethane		0.00	0.121	50.0	51.0	102	76 - 122	49.8	100	2	11
156-59-2	cis-1,2-Dichloroethene		0.00	0.104	50.0	50.9	102	81 - 114	50.3	101	1	10
156-60-5	trans-1,2-Dichloroethene		0.00	0.096	50.0	50.5	101	82 - 126	48.9	98	3	10
75-09-2	Methylene chloride		0.00	0.102	50.0	49.5	99	69 - 125	47.8	96	3	11
78-87-5	1,2-Dichloropropane		0.00	0.114	50.0	53.1	106	81 - 120	51.1	102	4	11
10061-01-5	cis-1,3-Dichloropropene		0.00	0.105	50.0	51.8	104	83 - 119	48.4	97	7	10
10061-02-6	trans-1,3-Dichloropropene		0.00	0.068	50.0	50.3	101	87 - 123	49.3	99	2	10
100-41-4	Ethylbenzene		0.00	0.180	50.0	47.7	95	87 - 118	46.5	93	3	10
591-78-6	2-Hexanone		0.00	0.302	50.0	55.7	111	58 - 125	56.1	112	0.7	14
98-82-8	Isopropylbenzene (Cumene)		0.00	0.058	50.0	47.8	96	87 - 131	48.9	98	2	10
78-93-3	2-Butanone		0.00	0.235	50.0	53.8	108	61 - 127	55.3	111	3	13
74-88-4	Methyl iodide		0.00	0.097	50.0	43.2	86	72 - 125	41.9	84	3	11
108-10-1	4-Methyl-2-pentanone		0.00	0.142	50.0	59.8	120	62 - 125	59.6	119	0.3	13
103-65-1	n-Propylbenzene		0.00	0.069	50.0	47.8	96	86 - 125	46.0	92	4	10
100-42-5	Styrene		0.00	0.058	50.0	48.7	97	78 - 118	50.4	101	3	11
127-18-4	Tetrachloroethene		0.00	0.210	50.0	46.2	92	80 - 131	44.8	90	3	12
630-20-6	1,1,1,2-Tetrachloroethane		0.00	0.150	50.0	47.0	94	81 - 119	45.7	91	3	10
79-34-5	1,1,2,2-Tetrachloroethane		0.00	0.112	50.0	53.7	107	71 - 120	53.4	107	0.6	11
120-82-1	1,2,4-Trichlorobenzene		0.00	0.138	50.0	45.7	91	68 - 123	47.4	95	4	11
71-55-6	1,1,1-Trichloroethane		0.00	0.078	50.0	48.8	98	79 - 133	45.8	92	6	11

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797	**Client ID**	AOCU-GW98	AOCU-GW98-MS	AOCU-GW98-MSD
Prep Batch N/A	**GCAL ID**	21103021607	21103021609	21103021610
	Sample Type	SAMPLE	MS	MSD
	Analytical Date	03/06/2011 01:34	03/06/2011 01:57	03/06/2011 02:20
	Matrix	Water	Water	Water

SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
79-00-5	1,1,2-Trichloroethane	0.00	0.179	50.0	50.5	101	80 - 114	48.2	96	5	11
75-69-4	Trichlorofluoromethane	0.00	0.094	50.0	50.7	101	66 - 156	50.3	101	0.8	15
96-18-4	1,2,3-Trichloropropane	0.00	0.063	50.0	74.4	**149***	77 - 115	74.8	**150***	0.5	12
95-63-6	1,2,4-Trimethylbenzene	0.00	0.080	50.0	47.4	95	82 - 120	47.4	95	0	10
108-67-8	1,3,5-Trimethylbenzene	0.00	0.053	50.0	46.3	93	83 - 123	45.8	92	1	10
75-01-4	Vinyl chloride	0.00	0.104	50.0	52.4	105	57 - 153	52.5	105	0.2	22
95-47-6	o-Xylene	0.00	0.077	50.0	48.6	97	83 - 121	49.2	98	1	10
96-12-8	1,2-Dibromo-3-chloropropane	0.00	0.082	50.0	56.7	113	61 - 118	56.7	113	0	15
106-93-4	1,2-Dibromoethane	0.00	0.169	50.0	50.4	101	80 - 115	50.2	100	0.4	10
108-05-4	Vinyl acetate	0.00	0.197	50.0	55.5	111	38 - 159	53.6	107	3	11
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	0.084	50.0	52.0	104	75 - 116	51.6	103	0.8	10
99-87-6	4-Isopropyltoluene	0.00	0.175	50.0	47.4	95	83 - 125	46.9	94	1	9
110-54-3	n-Hexane	0.00	0.126	50.0	48.1	96	71 - 134	44.3	89	8	11
110-57-6	trans-1,4-Dichloro-2-butene	0.00	0.429	50.0	118	**236***	51 - 137	113	**226***	4	24
594-20-7	2,2-Dichloropropane	0.00	0.112	50.0	46.4	93	77 - 138	44.0	88	5	12
76-13-1	Trichlorotrifluoroethane	0.00	0.141	50.0	52.7	105	74 - 139	51.3	103	3	13
563-58-6	1,1-Dichloropropene	0.00	0.071	50.0	49.7	99	87 - 127	47.9	96	4	10
110-75-8	2-Chloroethylvinyl ether	0.00	1.20	50.0	0.00	**0***	63 - 125	0.00	**0***	0	24
142-28-9	1,3-Dichloropropane	0.00	0.113	50.0	52.3	105	81 - 113	51.0	102	3	11
108-86-1	Bromobenzene	0.00	0.095	50.0	48.3	97	83 - 115	47.7	95	1	10
95-49-8	2-Chlorotoluene	0.00	0.090	50.0	45.8	92	81 - 121	44.9	90	2	10
106-43-4	4-Chlorotoluene	0.00	0.046	50.0	47.5	95	84 - 120	46.3	93	3	10
98-06-6	tert-Butylbenzene	0.00	0.058	50.0	47.5	95	83 - 126	45.9	92	3	10
135-98-8	sec-Butylbenzene	0.00	0.088	50.0	47.7	95	86 - 127	48.1	96	0.8	10
541-73-1	1,3-Dichlorobenzene	0.00	0.080	50.0	45.9	92	86 - 115	46.3	93	0.9	9
106-46-7	1,4-Dichlorobenzene	0.00	0.058	50.0	45.9	92	87 - 113	46.6	93	2	10
104-51-8	n-Butylbenzene	0.00	0.068	50.0	47.9	96	84 - 124	49.7	99	4	10
95-50-1	1,2-Dichlorobenzene	0.00	0.086	50.0	47.1	94	85 - 115	48.4	97	3	9
87-68-3	Hexachlorobutadiene	0.00	0.347	50.0	49.6	99	71 - 133	47.7	95	4	12
91-20-3	Naphthalene	0.00	0.175	50.0	49.2	98	59 - 125	53.0	106	7	15
87-61-6	1,2,3-Trichlorobenzene	0.00	0.107	50.0	48.0	96	64 - 126	48.2	96	0.4	16
544-10-5	1-Chlorohexane	0.00	0.139	50.0	45.9	92	87 - 128	45.2	90	2	10
75-35-4	1,1-Dichloroethene	0.00	0.183	50.0	52.2	104	75 - 133	49.2	98	6	13

GC/MS Volatiles Quality Control Summary

Analytical Batch 451797		**Client ID**	AOCU-GW98			AOCU-GW98-MS			AOCU-GW98-MSD		
Prep Batch N/A		**GCAL ID**	21103021607			21103021609			21103021610		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 01:34			03/06/2011 01:57			03/06/2011 02:20		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
71-43-2	Benzene		0.00	0.049	50.0	50.7	101	83 - 124	48.2	96	5	11
79-01-6	Trichloroethene		0.00	0.094	50.0	47.3	95	85 - 124	46.7	93	1	10
108-88-3	Toluene		0.00	0.078	50.0	48.7	97	86 - 116	47.0	94	4	10
108-90-7	Chlorobenzene		0.00	0.055	50.0	46.6	93	87 - 115	44.9	90	4	9
Surrogate												
460-00-4	4-Bromofluorobenzene				50	47.9	96	84 - 120	49.6	99		
1868-53-7	Dibromofluoromethane				50	50.1	100	87 - 116	48.5	97		
2037-26-5	Toluene d8				50	48.2	96	86 - 112	47.9	96		
17060-07-0	1,2-Dichloroethane-d4				50	53.6	107	76 - 127	51.6	103		

Analytical Batch 451890		**Client ID**	MB451890			LCS451890			LCSD451890		
Prep Batch N/A		**GCAL ID**	926616			926617			926618		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 11:49			03/06/2011 10:18			03/06/2011 10:41		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone		0.322U	0.322	50.0	38.1	76	59 - 134	43.5	87	13	30
107-02-8	Acrolein		2.49U	2.49	250	251	100	33 - 157	252	101	0.4	30
107-13-1	Acrylonitrile		1.62U	1.62	250	252	101	62 - 124	252	101	0	30
74-97-5	Bromochloromethane		0.238U	0.238	50.0	42.9	86	78 - 112	42.1	84	2	30
75-27-4	Bromodichloromethane		0.071U	0.071	50.0	44.4	89	76 - 116	46.2	92	4	30
75-25-2	Bromoform		0.278U	0.278	50.0	48.5	97	68 - 128	51.5	103	6	30
74-83-9	Bromomethane		0.276U	0.276	50.0	44.9	90	55 - 151	46.4	93	3	30
75-15-0	Carbon disulfide		0.190U	0.190	50.0	47.8	96	67 - 147	45.2	90	6	30
56-23-5	Carbon tetrachloride		0.056U	0.056	50.0	50.3	101	74 - 139	48.0	96	5	30
75-00-3	Chloroethane		0.279U	0.279	50.0	46.1	92	54 - 166	51.8	104	12	30
136777-61-2	m,p-Xylene		0.099U	0.099	100	93.0	93	83 - 121	96.1	96	3	30
67-66-3	Chloroform		0.062U	0.062	50.0	45.9	92	85 - 123	46.3	93	0.9	30
74-87-3	Chloromethane		0.076U	0.076	50.0	45.6	91	55 - 173	49.1	98	7	30
124-48-1	Dibromochloromethane		0.133U	0.133	50.0	46.2	92	74 - 116	48.4	97	5	30
74-95-3	Dibromomethane		0.197U	0.197	50.0	46.6	93	81 - 116	47.9	96	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451890		**Client ID**	MB451890			LCS451890			LCSD451890		
Prep Batch N/A		**GCAL ID**	926616			926617			926618		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 11:49			03/06/2011 10:18			03/06/2011 10:41		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
75-71-8	Dichlorodifluoromethane	0.088U	0.088		50.0	50.5	101	34 - 158	47.4	95	6	30
75-34-3	1,1-Dichloroethane	0.064U	0.064		50.0	47.5	95	82 - 127	48.4	97	2	30
107-06-2	1,2-Dichloroethane	0.121U	0.121		50.0	46.6	93	76 - 122	46.4	93	0.4	30
156-59-2	cis-1,2-Dichloroethene	0.104U	0.104		50.0	47.3	95	81 - 114	47.3	95	0	30
156-60-5	trans-1,2-Dichloroethene	0.096U	0.096		50.0	48.7	97	82 - 126	45.7	91	6	30
75-09-2	Methylene chloride	0.102U	0.102		50.0	44.8	90	69 - 125	46.5	93	4	30
78-87-5	1,2-Dichloropropane	0.114U	0.114		50.0	44.2	88	81 - 120	48.4	97	9	30
10061-01-5	cis-1,3-Dichloropropene	0.105U	0.105		50.0	45.3	91	83 - 119	46.1	92	2	30
10061-02-6	trans-1,3-Dichloropropene	0.068U	0.068		50.0	45.3	91	87 - 123	47.7	95	5	30
100-41-4	Ethylbenzene	0.180U	0.180		50.0	46.1	92	87 - 118	46.6	93	1	30
97-63-2	Ethyl methacrylate	0.340U	0.340									
591-78-6	2-Hexanone	0.302U	0.302		50.0	42.4	85	58 - 125	45.2	90	6	30
98-82-8	Isopropylbenzene (Cumene)	0.058U	0.058		50.0	48.3	97	87 - 131	46.1	92	5	30
78-93-3	2-Butanone	0.235U	0.235		50.0	44.4	89	61 - 127	47.9	96	8	30
74-88-4	Methyl iodide	0.097U	0.097		50.0	43.1	86	72 - 125	43.3	87	0.5	30
108-10-1	4-Methyl-2-pentanone	0.142U	0.142		50.0	46.4	93	62 - 125	48.6	97	5	30
103-65-1	n-Propylbenzene	0.069U	0.069		50.0	49.7	99	86 - 125	45.5	91	9	30
100-42-5	Styrene	0.058U	0.058		50.0	45.7	91	78 - 118	47.0	94	3	30
127-18-4	Tetrachloroethene	0.210U	0.210		50.0	46.6	93	80 - 131	46.2	92	0.9	30
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	0.150		50.0	43.4	87	81 - 119	45.7	91	5	30
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	0.112		50.0	47.3	95	71 - 120	47.6	95	0.6	30
120-82-1	1,2,4-Trichlorobenzene	0.138U	0.138		50.0	47.8	96	68 - 123	45.1	90	6	30
71-55-6	1,1,1-Trichloroethane	0.078U	0.078		50.0	46.7	93	79 - 133	45.7	91	2	30
79-00-5	1,1,2-Trichloroethane	0.179U	0.179		50.0	44.9	90	80 - 114	46.9	94	4	30
75-69-4	Trichlorofluoromethane	0.094U	0.094		50.0	52.6	105	66 - 156	49.9	100	5	30
96-18-4	1,2,3-Trichloropropane	0.063U	0.063		50.0	48.6	97	77 - 115	48.5	97	0.2	30
95-63-6	1,2,4-Trimethylbenzene	0.080U	0.080		50.0	47.6	95	82 - 120	46.3	93	3	30
108-67-8	1,3,5-Trimethylbenzene	0.053U	0.053		50.0	47.8	96	83 - 123	44.8	90	6	30
75-01-4	Vinyl chloride	0.104U	0.104		50.0	49.8	100	57 - 153	49.6	99	0.4	30
95-47-6	o-Xylene	0.077U	0.077		50.0	45.2	90	83 - 121	46.4	93	3	30
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	0.082		50.0	49.4	99	61 - 118	50.2	100	2	30
106-93-4	1,2-Dibromoethane	0.169U	0.169		50.0	44.0	88	80 - 115	47.3	95	7	30
80-62-6	Methyl methacrylate	0.606U	0.606									

GC/MS Volatiles Quality Control Summary

Analytical Batch 451890		**Client ID**	MB451890			LCS451890			LCSD451890		
Prep Batch N/A		**GCAL ID**	926616			926617			926618		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 11:49			03/06/2011 10:18			03/06/2011 10:41		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
107-12-0	Propionitrile	3.06U		3.06								
108-05-4	Vinyl acetate	0.197U		0.197	50.0	43.7	87	38 - 159	45.6	91	4	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U		0.084	50.0	45.9	92	75 - 116	50.0	100	9	30
99-87-6	4-Isopropyltoluene	0.175U		0.175	50.0	49.4	99	83 - 125	44.2	88	11	30
110-54-3	n-Hexane	0.126U		0.126	50.0	58.4	117	71 - 134	46.9	94	22	30
110-57-6	trans-1,4-Dichloro-2-butene	0.429U		0.429	50.0	49.9	100	51 - 137	49.4	99	1	30
594-20-7	2,2-Dichloropropane	0.112U		0.112	50.0	46.7	93	77 - 138	44.3	89	5	30
76-13-1	Trichlorotrifluoroethane	0.141U		0.141	50.0	52.8	106	74 - 139	48.6	97	8	30
563-58-6	1,1-Dichloropropene	0.071U		0.071	50.0	47.5	95	87 - 127	46.6	93	2	30
110-75-8	2-Chloroethylvinyl ether	1.20U		1.20	50.0	47.2	94	63 - 125	47.8	96	1	30
142-28-9	1,3-Dichloropropane	0.113U		0.113	50.0	45.7	91	81 - 113	49.9	100	9	30
108-86-1	Bromobenzene	0.095U		0.095	50.0	45.4	91	83 - 115	44.3	89	2	30
95-49-8	2-Chlorotoluene	0.090U		0.090	50.0	47.1	94	81 - 121	43.3	87	8	30
106-43-4	4-Chlorotoluene	0.046U		0.046	50.0	46.6	93	84 - 120	44.9	90	4	30
98-06-6	tert-Butylbenzene	0.058U		0.058	50.0	49.8	100	83 - 126	46.1	92	8	30
135-98-8	sec-Butylbenzene	0.088U		0.088	50.0	50.5	101	86 - 127	45.2	90	11	30
541-73-1	1,3-Dichlorobenzene	0.080U		0.080	50.0	46.2	92	86 - 115	44.5	89	4	30
106-46-7	1,4-Dichlorobenzene	0.058U		0.058	50.0	45.9	92	87 - 113	44.8	90	2	30
104-51-8	n-Butylbenzene	0.068U		0.068	50.0	50.6	101	84 - 124	45.5	91	11	30
95-50-1	1,2-Dichlorobenzene	0.086U		0.086	50.0	47.8	96	85 - 115	47.1	94	1	30
87-68-3	Hexachlorobutadiene	0.347U		0.347	50.0	56.1	112	71 - 133	45.1	90	22	30
91-20-3	Naphthalene	0.175U		0.175	50.0	47.0	94	59 - 125	48.0	96	2	35
87-61-6	1,2,3-Trichlorobenzene	0.107U		0.107	50.0	49.5	99	64 - 126	47.2	94	5	30
75-05-8	Acetonitrile	5.04U		5.04								
107-05-1	Allyl chloride	0.343U		0.343								
544-10-5	1-Chlorohexane	0.139U		0.139	50.0	50.0	100	87 - 128	47.5	95	5	30
76-01-7	Pentachloroethane	1.87U		1.87								
126-98-7	Methacrylonitrile	0.743U		0.743								
75-35-4	1,1-Dichloroethene	0.183U		0.183	50.0	47.8	96	75 - 133	46.9	94	2	20
71-43-2	Benzene	0.049U		0.049	50.0	44.6	89	83 - 124	45.6	91	2	20
79-01-6	Trichloroethene	0.094U		0.094	50.0	46.4	93	85 - 124	45.1	90	3	20
108-88-3	Toluene	0.078U		0.078	50.0	46.0	92	86 - 116	46.6	93	1	20
108-90-7	Chlorobenzene	0.055U		0.055	50.0	43.5	87	87 - 115	45.3	91	4	20

GC/MS Volatiles Quality Control Summary

Analytical Batch 451890		**Client ID**	MB451890			LCS451890			LCSD451890		
Prep Batch N/A		**GCAL ID**	926616			926617			926618		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 11:49			03/06/2011 10:18			03/06/2011 10:41		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
Surrogate												
460-00-4	4-Bromofluorobenzene		49.8	100	50	48.1	96	84 - 120	50.6	101		
1868-53-7	Dibromofluoromethane		52.6	105	50	49.2	98	87 - 116	50.8	102		
2037-26-5	Toluene d8		49.1	98	50	48.8	98	86 - 112	50	100		
17060-07-0	1,2-Dichloroethane-d4		49.6	99	50	51	102	76 - 127	49.7	99		

Analytical Batch 451901		**Client ID**	MB451901			LCS451901			LCSD451901		
Prep Batch N/A		**GCAL ID**	926638			926639			926640		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 22:11			03/06/2011 20:31			03/06/2011 21:02		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		0.322U	0.322	50.0	33.6	67	59 - 134	43.7	87	26	30
107-02-8	Acrolein		2.49U	2.49	250	213	85	33 - 157	253	101	17	30
107-13-1	Acrylonitrile		1.62U	1.62	250	212	85	62 - 124	252	101	17	30
74-97-5	Bromochloromethane		0.238U	0.238	50.0	45.7	91	78 - 112	47.2	94	3	30
75-27-4	Bromodichloromethane		0.071U	0.071	50.0	53.1	106	76 - 116	49.9	100	6	30
75-25-2	Bromoform		0.278U	0.278	50.0	46.6	93	68 - 128	51.3	103	10	30
74-83-9	Bromomethane		0.276U	0.276	50.0	51.3	103	55 - 151	59.1	118	14	30
75-15-0	Carbon disulfide		0.190U	0.190	50.0	52.8	106	67 - 147	52.6	105	0.4	30
56-23-5	Carbon tetrachloride		0.056U	0.056	50.0	54.7	109	74 - 139	50.8	102	7	30
75-00-3	Chloroethane		0.279U	0.279	50.0	52.7	105	54 - 166	53.9	108	2	30
136777-61-2	m,p-Xylene		0.099U	0.099	100	101	101	83 - 121	99.4	99	2	30
67-66-3	Chloroform		0.062U	0.062	50.0	49.5	99	85 - 123	48.2	96	3	30
74-87-3	Chloromethane		0.076U	0.076	50.0	51.7	103	55 - 173	53.6	107	4	30
124-48-1	Dibromochloromethane		0.133U	0.133	50.0	49.3	99	74 - 116	49.5	99	0.4	30
74-95-3	Dibromomethane		0.197U	0.197	50.0	52.1	104	81 - 116	51.8	104	0.6	30
75-71-8	Dichlorodifluoromethane		0.088U	0.088	50.0	53.9	108	34 - 158	52.5	105	3	30
75-34-3	1,1-Dichloroethane		0.064U	0.064	50.0	53.6	107	82 - 127	54.1	108	0.9	30
107-06-2	1,2-Dichloroethane		0.121U	0.121	50.0	52.9	106	76 - 122	52.3	105	1	30
156-59-2	cis-1,2-Dichloroethene		0.104U	0.104	50.0	52.3	105	81 - 114	51.1	102	2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901		**Client ID**	MB451901			LCS451901			LCSD451901		
Prep Batch N/A		**GCAL ID**	926638			926639			926640		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 22:11			03/06/2011 20:31			03/06/2011 21:02		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
156-60-5	trans-1,2-Dichloroethene	0.096U	0.096		50.0	53.7	107	82 - 126	52.6	105	2	30
75-09-2	Methylene chloride	0.102U	0.102		50.0	50.3	101	69 - 125	50.1	100	0.4	30
78-87-5	1,2-Dichloropropane	0.114U	0.114		50.0	52.1	104	81 - 120	52.3	105	0.4	30
10061-01-5	cis-1,3-Dichloropropene	0.105U	0.105		50.0	51.3	103	83 - 119	51.4	103	0.2	30
10061-02-6	trans-1,3-Dichloropropene	0.068U	0.068		50.0	49.3	99	87 - 123	49.8	100	1	30
100-41-4	Ethylbenzene	0.180U	0.180		50.0	51.3	103	87 - 118	49.8	100	3	30
97-63-2	Ethyl methacrylate	0.340U	0.340									
591-78-6	2-Hexanone	0.302U	0.302		50.0	33.3	67	58 - 125	43.3	87	26	30
98-82-8	Isopropylbenzene (Cumene)	0.058U	0.058		50.0	51.2	102	87 - 131	50.1	100	2	30
78-93-3	2-Butanone	0.235U	0.235		50.0	36.9	74	61 - 127	47.4	95	25	30
74-88-4	Methyl iodide	0.097U	0.097		50.0	48.7	97	72 - 125	52.0	104	7	30
108-10-1	4-Methyl-2-pentanone	0.142U	0.142		50.0	39.9	80	62 - 125	49.0	98	20	30
103-65-1	n-Propylbenzene	0.069U	0.069		50.0	51.9	104	86 - 125	51.1	102	2	30
100-42-5	Styrene	0.058U	0.058		50.0	48.4	97	78 - 118	49.8	100	3	30
127-18-4	Tetrachloroethene	0.210U	0.210		50.0	49.8	100	80 - 131	47.6	95	5	30
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	0.150		50.0	48.1	96	81 - 119	45.8	92	5	30
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	0.112		50.0	44.3	89	71 - 120	50.7	101	13	30
120-82-1	1,2,4-Trichlorobenzene	0.138U	0.138		50.0	47.6	95	68 - 123	49.2	98	3	30
71-55-6	1,1,1-Trichloroethane	0.078U	0.078		50.0	53.1	106	79 - 133	50.4	101	5	30
79-00-5	1,1,2-Trichloroethane	0.179U	0.179		50.0	46.1	92	80 - 114	48.5	97	5	30
75-69-4	Trichlorofluoromethane	0.094U	0.094		50.0	56.7	113	66 - 156	54.9	110	3	30
96-18-4	1,2,3-Trichloropropane	0.063U	0.063		50.0	42.1	84	77 - 115	50.9	102	19	30
95-63-6	1,2,4-Trimethylbenzene	0.080U	0.080		50.0	51.1	102	82 - 120	50.1	100	2	30
108-67-8	1,3,5-Trimethylbenzene	0.053U	0.053		50.0	51.1	102	83 - 123	49.7	99	3	30
75-01-4	Vinyl chloride	0.104U	0.104		50.0	54.3	109	57 - 153	57.0	114	5	30
95-47-6	o-Xylene	0.077U	0.077		50.0	48.0	96	83 - 121	48.5	97	1	30
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	0.082		50.0	37.7	75	61 - 118	48.0	96	24	30
106-93-4	1,2-Dibromoethane	0.169U	0.169		50.0	45.0	90	80 - 115	47.0	94	4	30
80-62-6	Methyl methacrylate	0.606U	0.606									
107-12-0	Propionitrile	3.06U	3.06									
108-05-4	Vinyl acetate	0.197U	0.197		50.0	43.2	86	38 - 159	48.3	97	11	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	0.084		50.0	50.1	100	75 - 116	52.4	105	4	30
99-87-6	4-Isopropyltoluene	0.175U	0.175		50.0	52.7	105	83 - 125	51.0	102	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901		**Client ID**	MB451901			LCS451901			LCSD451901		
Prep Batch N/A		**GCAL ID**	926638			926639			926640		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 22:11			03/06/2011 20:31			03/06/2011 21:02		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
110-54-3	n-Hexane		0.126U	0.126	50.0	59.7	119	71 - 134	56.7	113	5	30
110-57-6	trans-1,4-Dichloro-2-butene		0.429U	0.429	50.0	44.8	90	51 - 137	53.1	106	17	30
594-20-7	2,2-Dichloropropane		0.112U	0.112	50.0	52.4	105	77 - 138	48.8	98	7	30
76-13-1	Trichlorotrifluoroethane		0.141U	0.141	50.0	56.5	113	74 - 139	55.8	112	1	30
563-58-6	1,1-Dichloropropene		0.071U	0.071	50.0	53.7	107	87 - 127	51.4	103	4	30
110-75-8	2-Chloroethylvinyl ether		1.20U	1.20	50.0	51.6	103	63 - 125	49.4	99	4	30
142-28-9	1,3-Dichloropropane		0.113U	0.113	50.0	49.6	99	81 - 113	50.3	101	1	30
108-86-1	Bromobenzene		0.095U	0.095	50.0	47.7	95	83 - 115	48.6	97	2	30
95-49-8	2-Chlorotoluene		0.090U	0.090	50.0	50.2	100	81 - 121	51.4	103	2	30
106-43-4	4-Chlorotoluene		0.046U	0.046	50.0	49.0	98	84 - 120	49.9	100	2	30
98-06-6	tert-Butylbenzene		0.058U	0.058	50.0	51.9	104	83 - 126	51.0	102	2	30
135-98-8	sec-Butylbenzene		0.088U	0.088	50.0	53.0	106	86 - 127	50.9	102	4	30
541-73-1	1,3-Dichlorobenzene		0.080U	0.080	50.0	48.7	97	86 - 115	48.4	97	0.6	30
106-46-7	1,4-Dichlorobenzene		0.058U	0.058	50.0	47.4	95	87 - 113	49.0	98	3	30
104-51-8	n-Butylbenzene		0.068U	0.068	50.0	55.1	110	84 - 124	51.7	103	6	30
95-50-1	1,2-Dichlorobenzene		0.086U	0.086	50.0	48.1	96	85 - 115	50.0	100	4	30
87-68-3	Hexachlorobutadiene		0.347U	0.347	50.0	51.8	104	71 - 133	50.6	101	2	30
91-20-3	Naphthalene		0.175U	0.175	50.0	42.4	85	59 - 125	47.6	95	12	35
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	48.2	96	64 - 126	50.7	101	5	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	54.1	108	87 - 128	52.1	104	4	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	52.6	105	75 - 133	52.9	106	0.6	20
71-43-2	Benzene		0.049U	0.049	50.0	51.0	102	83 - 124	50.5	101	1	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	50.3	101	85 - 124	49.5	99	2	20
108-88-3	Toluene		0.078U	0.078	50.0	49.0	98	86 - 116	48.0	96	2	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	47.8	96	87 - 115	47.0	94	2	20
Surrogate												
460-00-4	4-Bromofluorobenzene		47.6	95	50	48.6	97	84 - 120	48	96		
1868-53-7	Dibromofluoromethane		48.1	96	50	51.5	103	87 - 116	51.4	103		
2037-26-5	Toluene d8		48.5	97	50	46.6	93	86 - 112	47.9	96		

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901		**Client ID**	MB451901			LCS451901			LCSD451901		
Prep Batch N/A		**GCAL ID**	926638			926639			926640		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 22:11			03/06/2011 20:31			03/06/2011 21:02		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
17060-07-0	1,2-Dichloroethane-d4		53.7	107	50	52.2	104	76 - 127	52.8	106		

Analytical Batch 451901		**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD		
Prep Batch N/A		**GCAL ID**	21103041002			21103041004			21103041005		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 22:34			03/06/2011 22:58			03/06/2011 23:20		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		0.00	0.322	50.0	62.4	125	59 - 134	62.2	124	0.3	14
107-02-8	Acrolein		0.00	2.49	250	344	138	33 - 157	321	128	7	21
107-13-1	Acrylonitrile		0.00	1.62	250	349	**140***	62 - 124	345	**138***	1	13
74-97-5	Bromochloromethane		0.00	0.238	50.0	44.0	88	78 - 112	47.8	96	8	10
75-27-4	Bromodichloromethane		0.00	0.071	50.0	48.9	98	76 - 116	50.9	102	4	10
75-25-2	Bromoform		0.00	0.278	50.0	54.0	108	68 - 128	55.8	112	3	11
74-83-9	Bromomethane		0.00	0.276	50.0	47.6	95	55 - 151	51.2	102	7	21
75-15-0	Carbon disulfide		0.00	0.190	50.0	47.4	95	67 - 147	49.4	99	4	12
56-23-5	Carbon tetrachloride		0.00	0.056	50.0	48.1	96	74 - 139	49.7	99	3	13
75-00-3	Chloroethane		0.00	0.279	50.0	17.4	**35***	54 - 166	17.1	**34***	2	20
136777-61-2	m,p-Xylene		0.00	0.099	100	84.1	84	83 - 121	89.0	89	6	10
67-66-3	Chloroform		0.00	0.062	50.0	47.2	94	85 - 123	46.4	93	2	10
74-87-3	Chloromethane		0.00	0.076	50.0	48.8	98	55 - 173	56.2	112	14	22
124-48-1	Dibromochloromethane		0.00	0.133	50.0	50.1	100	74 - 116	52.7	105	5	11
74-95-3	Dibromomethane		0.00	0.197	50.0	51.4	103	81 - 116	53.6	107	4	10
75-71-8	Dichlorodifluoromethane		0.00	0.088	50.0	50.3	101	34 - 158	49.9	100	0.8	22
75-34-3	1,1-Dichloroethane		0.00	0.064	50.0	54.2	108	82 - 127	54.7	109	0.9	10
107-06-2	1,2-Dichloroethane		0.00	0.121	50.0	52.6	105	76 - 122	52.9	106	0.6	11
156-59-2	cis-1,2-Dichloroethene		0.00	0.104	50.0	51.0	102	81 - 114	51.4	103	0.8	10
156-60-5	trans-1,2-Dichloroethene		0.00	0.096	50.0	51.2	102	82 - 126	51.2	102	0	10
75-09-2	Methylene chloride		0.00	0.102	50.0	48.9	98	69 - 125	49.4	99	1	11
78-87-5	1,2-Dichloropropane		0.00	0.114	50.0	53.8	108	81 - 120	54.3	109	0.9	11
10061-01-5	cis-1,3-Dichloropropene		0.00	0.105	50.0	49.2	98	83 - 119	51.1	102	4	10

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901	**Client ID**	AOCU-GW52	AOCU-GW52-MS	AOCU-GW52-MSD
Prep Batch N/A	**GCAL ID**	21103041002	21103041004	21103041005
	Sample Type	SAMPLE	MS	MSD
	Analytical Date	03/06/2011 22:34	03/06/2011 22:58	03/06/2011 23:20
	Matrix	Water	Water	Water

SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
10061-02-6	trans-1,3-Dichloropropene	0.00	0.068	50.0	50.2	100	87 - 123	53.1	106	6	10
100-41-4	Ethylbenzene	0.00	0.180	50.0	43.2	**86***	87 - 118	45.7	91	6	10
591-78-6	2-Hexanone	0.00	0.302	50.0	92.8	**186***	58 - 125	96.9	**194***	4	14
98-82-8	Isopropylbenzene (Cumene)	0.00	0.058	50.0	42.0	**84***	87 - 131	44.1	88	5	10
78-93-3	2-Butanone	0.00	0.235	50.0	85.7	**171***	61 - 127	87.7	**175***	2	13
74-88-4	Methyl iodide	0.00	0.097	50.0	42.3	85	72 - 125	48.9	98	**14***	11
108-10-1	4-Methyl-2-pentanone	0.00	0.142	50.0	83.6	**167***	62 - 125	86.8	**174***	4	13
103-65-1	n-Propylbenzene	0.00	0.069	50.0	45.7	91	86 - 125	47.9	96	5	10
100-42-5	Styrene	0.00	0.058	50.0	44.3	89	78 - 118	45.7	91	3	11
127-18-4	Tetrachloroethene	0.00	0.210	50.0	42.3	85	80 - 131	43.7	87	3	12
630-20-6	1,1,1,2-Tetrachloroethane	0.00	0.150	50.0	44.3	89	81 - 119	45.5	91	3	10
79-34-5	1,1,2,2-Tetrachloroethane	0.00	0.112	50.0	64.2	**128***	71 - 120	65.8	**132***	2	11
120-82-1	1,2,4-Trichlorobenzene	0.00	0.138	50.0	45.9	92	68 - 123	49.9	100	8	11
71-55-6	1,1,1-Trichloroethane	0.00	0.078	50.0	48.1	96	79 - 133	47.6	95	1	11
79-00-5	1,1,2-Trichloroethane	0.00	0.179	50.0	49.8	100	80 - 114	53.1	106	6	11
75-69-4	Trichlorofluoromethane	0.00	0.094	50.0	49.7	99	66 - 156	51.4	103	3	15
96-18-4	1,2,3-Trichloropropane	0.00	0.063	50.0	97.6	**195***	77 - 115	97.5	**195***	0.1	12
95-63-6	1,2,4-Trimethylbenzene	0.00	0.080	50.0	46.2	92	82 - 120	47.8	96	3	10
108-67-8	1,3,5-Trimethylbenzene	0.00	0.053	50.0	46.1	92	83 - 123	46.7	93	1	10
75-01-4	Vinyl chloride	0.00	0.104	50.0	52.7	105	57 - 153	55.6	111	5	22
95-47-6	o-Xylene	0.00	0.077	50.0	42.7	85	83 - 121	45.2	90	6	10
96-12-8	1,2-Dibromo-3-chloropropane	0.00	0.082	50.0	81.9	**164***	61 - 118	86.6	**173***	6	15
106-93-4	1,2-Dibromoethane	0.00	0.169	50.0	52.0	104	80 - 115	53.1	106	2	10
108-05-4	Vinyl acetate	0.00	0.197	50.0	57.7	115	38 - 159	57.1	114	1	11
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	0.084	50.0	52.8	106	75 - 116	54.6	109	3	10
99-87-6	4-Isopropyltoluene	0.00	0.175	50.0	46.0	92	83 - 125	49.1	98	7	9
110-54-3	n-Hexane	0.00	0.126	50.0	44.4	89	71 - 134	43.8	88	1	11
110-57-6	trans-1,4-Dichloro-2-butene	0.00	0.429	50.0	165	**330***	51 - 137	158	**316***	4	24
594-20-7	2,2-Dichloropropane	0.00	0.112	50.0	47.4	95	77 - 138	46.7	93	1	12
76-13-1	Trichlorotrifluoroethane	0.00	0.141	50.0	48.3	97	74 - 139	48.6	97	0.6	13
563-58-6	1,1-Dichloropropene	0.00	0.071	50.0	46.1	92	87 - 127	48.1	96	4	10
110-75-8	2-Chloroethylvinyl ether	0.00	1.20	50.0	0.00	**0***	63 - 125	0.00	**0***	0	24
142-28-9	1,3-Dichloropropane	0.00	0.113	50.0	52.0	104	81 - 113	54.9	110	5	11

GC/MS Volatiles Quality Control Summary

Analytical Batch	451901	**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD		
Prep Batch	N/A	**GCAL ID**	21103041002			21103041004			21103041005		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 22:34			03/06/2011 22:58			03/06/2011 23:20		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
108-86-1	Bromobenzene		0.00	0.095	50.0	46.9	94	83 - 115	49.2	98	5	10
95-49-8	2-Chlorotoluene		0.00	0.090	50.0	45.6	91	81 - 121	46.7	93	2	10
106-43-4	4-Chlorotoluene		0.00	0.046	50.0	46.7	93	84 - 120	47.3	95	1	10
98-06-6	tert-Butylbenzene		0.00	0.058	50.0	47.3	95	83 - 126	47.5	95	0.4	10
135-98-8	sec-Butylbenzene		0.00	0.088	50.0	47.3	95	86 - 127	49.5	99	5	10
541-73-1	1,3-Dichlorobenzene		0.00	0.080	50.0	44.9	90	86 - 115	46.4	93	3	9
106-46-7	1,4-Dichlorobenzene		0.00	0.058	50.0	44.2	88	87 - 113	46.2	92	4	10
104-51-8	n-Butylbenzene		0.00	0.068	50.0	50.0	100	84 - 124	53.6	107	7	10
95-50-1	1,2-Dichlorobenzene		0.00	0.086	50.0	46.4	93	85 - 115	48.7	97	5	9
87-68-3	Hexachlorobutadiene		0.00	0.347	50.0	53.1	106	71 - 133	56.5	113	6	12
91-20-3	Naphthalene		0.00	0.175	50.0	48.4	97	59 - 125	58.5	117	**19***	15
87-61-6	1,2,3-Trichlorobenzene		0.00	0.107	50.0	45.8	92	64 - 126	52.0	104	13	16
544-10-5	1-Chlorohexane		0.00	0.139	50.0	37.7	**75***	87 - 128	40.1	**80***	6	10
75-35-4	1,1-Dichloroethene		0.00	0.183	50.0	49.7	99	75 - 133	50.3	101	1	13
71-43-2	Benzene		0.00	0.049	50.0	49.0	98	83 - 124	49.8	100	2	11
79-01-6	Trichloroethene		0.00	0.094	50.0	45.6	91	85 - 124	46.6	93	2	10
108-88-3	Toluene		0.00	0.078	50.0	45.9	92	86 - 116	46.5	93	1	10
108-90-7	Chlorobenzene		0.00	0.055	50.0	42.2	**84***	87 - 115	44.7	89	6	9
Surrogate												
460-00-4	4-Bromofluorobenzene				50	47.8	96	84 - 120	47.9	96		
1868-53-7	Dibromofluoromethane				50	51.5	103	87 - 116	51.2	102		
2037-26-5	Toluene d8				50	50.5	101	86 - 112	49.9	100		
17060-07-0	1,2-Dichloroethane-d4				50	55.4	111	76 - 127	52.6	105		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	451931	**Client ID**	MB451739			LCS451739			LCSD451739		
Prep Batch	451739	**GCAL ID**	925922			925923			925924		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/04/2011 10:30			03/04/2011 10:30			03/04/2011 10:30		
		Analytical Date	03/07/2011 14:32			03/07/2011 14:50			03/07/2011 15:06		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
208-96-8	Acenaphthylene		0.303U	0.303								
120-12-7	Anthracene		0.316U	0.316								
56-55-3	Benzo(a)anthracene		0.316U	0.316								
92-87-5	Benzidine		3.92U	3.92								
205-99-2	Benzo(b)fluoranthene		0.217U	0.217								
207-08-9	Benzo(k)fluoranthene		0.236U	0.236								
191-24-2	Benzo(g,h,i)perylene		0.215U	0.215								
50-32-8	Benzo(a)pyrene		0.125U	0.125								
65-85-0	Benzoic acid		0.910U	0.910								
85-68-7	Butyl benzyl phthalate		0.165U	0.165								
111-91-1	Bis(2-Chloroethoxy)methane		0.290U	0.290								
111-44-4	Bis(2-Chloroethyl)ether		0.288U	0.288								
108-60-1	Bis(2-Chloroisopropyl)ether		0.257U	0.257								
117-81-7	Bis(2-Ethylhexyl)phthalate		0.191U	0.191								
101-55-3	4-Bromophenyl phenyl ether		0.337U	0.337								
7005-72-3	4-Chlorophenyl phenyl ether		0.268U	0.268								
218-01-9	Chrysene		0.433U	0.433								
53-70-3	Dibenz(a,h)anthracene		0.217U	0.217								
132-64-9	Dibenzofuran		0.227U	0.227								
95-50-1	1,2-Dichlorobenzene		0.259U	0.259								
541-73-1	1,3-Dichlorobenzene		0.274U	0.274								
91-94-1	3,3'-Dichlorobenzidine		0.297U	0.297								
120-83-2	2,4-Dichlorophenol		0.217U	0.217								
84-66-2	Diethyl phthalate		0.303U	0.303								
105-67-9	2,4-Dimethylphenol		0.694U	0.694								
131-11-3	Dimethyl phthalate		0.255U	0.255								
117-84-0	Di-n-octyl phthalate		0.167U	0.167								
51-28-5	2,4-Dinitrophenol		2.60U	2.60								
606-20-2	2,6-Dinitrotoluene		0.352U	0.352								
206-44-0	Fluoranthene		0.267U	0.267								
86-73-7	Fluorene		0.288U	0.288								
118-74-1	Hexachlorobenzene		0.249U	0.249								

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	451931	**Client ID**	MB451739	LCS451739	LCSD451739
Prep Batch	451739	**GCAL ID**	925922	925923	925924
Prep Method	3510C	**Sample Type**	Method Blank	LCS	LCSD
		Prep Date	03/04/2011 10:30	03/04/2011 10:30	03/04/2011 10:30
		Analytical Date	03/07/2011 14:32	03/07/2011 14:50	03/07/2011 15:06
		Matrix	Water	Water	Water

SW-846 8270C		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-68-3	Hexachlorobutadiene	0.192U	0.192								
77-47-4	Hexachlorocyclopentadiene	0.174U	0.174								
67-72-1	Hexachloroethane	0.299U	0.299								
78-59-1	Isophorone	0.380U	0.380								
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	0.157								
91-57-6	2-Methylnaphthalene	0.255U	0.255								
95-48-7	o-Cresol	0.329U	0.329								
91-20-3	Naphthalene	0.293U	0.293								
98-95-3	Nitrobenzene	0.329U	0.329								
88-75-5	2-Nitrophenol	0.357U	0.357								
86-30-6	n-Nitrosodiphenylamine	0.364U	0.364								
85-01-8	Phenanthrene	0.304U	0.304								
95-95-4	2,4,5-Trichlorophenol	0.317U	0.317								
88-06-2	2,4,6-Trichlorophenol	0.275U	0.275								
100-51-6	Benzyl alcohol	0.355U	0.355								
99-09-2	3-Nitroaniline	0.226U	0.226								
100-01-6	4-Nitroaniline	0.221U	0.221								
84-74-2	Di-n-butyl phthalate	0.189U	0.189								
88-74-4	2-Nitroaniline	0.198U	0.198								
91-58-7	2-Chloronaphthalene	0.221U	0.221								
106-47-8	4-Chloroaniline	0.463U	0.463								
1319-77-3MP	m,p-Cresol	0.352U	0.352								
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	1.98								
108-95-2	Phenol	0.150U	0.150	100	30.6	31	13 - 54	30.9	31	1	30
95-57-8	2-Chlorophenol	0.276U	0.276	100	77.9	78	44 - 103	75.7	76	3	30
106-46-7	1,4-Dichlorobenzene	0.255U	0.255	100	82.7	83	40 - 100	77.1	77	7	30
621-64-7	n-Nitrosodi-n-propylamine	0.304U	0.304	100	84.8	85	51 - 104	85.4	85	0.7	30
120-82-1	1,2,4-Trichlorobenzene	0.234U	0.234	100	88.1	88	45 - 104	81.0	81	8	30
59-50-7	4-Chloro-3-methylphenol	0.234U	0.234	100	80.4	80	53 - 105	80.2	80	0.2	30
83-32-9	Acenaphthene	0.268U	0.268	100	94.9	95	58 - 106	87.1	87	9	30
100-02-7	4-Nitrophenol	1.83U	1.83	100	32.1	32	13 - 55	35.0	35	9	30
121-14-2	2,4-Dinitrotoluene	0.263U	0.263	100	89.6	90	60 - 109	91.1	91	2	30

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	451931	**Client ID**	MB451739	LCS451739	LCSD451739
Prep Batch	451739	**GCAL ID**	925922	925923	925924
Prep Method	3510C	**Sample Type**	Method Blank	LCS	LCSD
		Prep Date	03/04/2011 10:30	03/04/2011 10:30	03/04/2011 10:30
		Analytical Date	03/07/2011 14:32	03/07/2011 14:50	03/07/2011 15:06
		Matrix	Water	Water	Water

SW-846 8270C		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-86-5	Pentachlorophenol	0.168U	0.168	100	75.3	75	57 - 118	74.1	74	2	30
129-00-0	Pyrene	0.486U	0.486	100	99.5	100	60 - 113	89.4	89	11	30
Surrogate											
4165-60-0	Nitrobenzene-d5	43.6	87	50	48.5	97	52 - 120	49.8	100		
321-60-8	2-Fluorobiphenyl	44.2	88	50	51.6	103	16 - 128	50.1	100		
1718-51-0	Terphenyl-d14	54.4	109	50	59.4	119	43 - 138	56.9	114		
4165-62-2	Phenol-d5	31.2	31	100	34.5	35	10 - 120	38.1	38		
367-12-4	2-Fluorophenol	50.3	50	100	55.9	56	10 - 120	59.8	60		
118-79-6	2,4,6-Tribromophenol	90	90	100	104	104	20 - 120	112	112		

General Chromatography Quality Control Summary

Analytical Batch	451911	**Client ID**	MB451742			LCS451742			LCSD451742		
Prep Batch	451742	**GCAL ID**	925928			925929			925930		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/04/2011 13:32			03/04/2011 13:32			03/04/2011 13:32		
		Analytical Date	03/04/2011 15:49			03/04/2011 16:07			03/04/2011 16:24		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
GCSV-00-4	Diesel Range Organics	44.2U	44.2		1000	672	67	50 - 150	747	75	11	40
Surrogate												
84-15-1	o-Terphenyl	42.1	84		50	41.9	84	57 - 115	42.7	85		

General Chromatography Quality Control Summary

Analytical Batch 452040		**Client ID**	MB452040		LCS452040		
Prep Batch N/A		**GCAL ID**	927286		927287		
		Sample Type	Method Blank		LCS		
		Analytical Date	03/08/2011 15:17		03/08/2011 14:53		
		Matrix	Water		Water		
SW-846 8015B Modified		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
8006-61-9	Gasoline Range Organics	13.0U	13.0	500	501	100	63 - 126
Surrogate							
106-39-8	Bromochlorobenzene	25.9	86	30	28.3	94	49 - 136

Analytical Batch 452040		**Client ID**	AOCU-GW98		AOCU-GW98-MS			AOCU-GW98-MSD				
Prep Batch N/A		**GCAL ID**	21103021607		21103021609			21103021610				
		Sample Type	SAMPLE		MS			MSD				
		Analytical Date	03/08/2011 17:44		03/08/2011 18:08			03/08/2011 18:32				
		Matrix	Water		Water			Water				
SW-846 8015B Modified		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
8006-61-9	Gasoline Range Organics	0.00	13.0	500	458	92	67 - 171	449	90	2	31
Surrogate											
106-39-8	Bromochlorobenzene			30	28.8	96	49 - 136	28.8	96		

Analytical Batch 452126		**Client ID**	MB452126		LCS452126		
Prep Batch N/A		**GCAL ID**	927662		927663		
		Sample Type	Method Blank		LCS		
		Analytical Date	03/09/2011 16:19		03/09/2011 15:30		
		Matrix	Water		Water		
SW-846 8015B Modified		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
8006-61-9	Gasoline Range Organics	13.0U	13.0	500	475	95	63 - 126
Surrogate							
106-39-8	Bromochlorobenzene	25.3	84	30	27.6	92	49 - 136

General Chromatography Quality Control Summary

Analytical Batch 452126		**Client ID**	WG-1910-MW01-110228			WG-1910-MW01-110228 MS			WG-1910-MW01-110228 MSD			
Prep Batch N/A		**GCAL ID**	21103021506			21103021507			21103021508			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	03/09/2011 23:10			03/09/2011 23:34			03/09/2011 23:58			
		Matrix	Water			Water			Water			
SW-846 8015B Modified			**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
			Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
8006-61-9	Gasoline Range Organics		0.00	13.0	500	459	92	67 - 171	456	91	0.7	31
Surrogate												
106-39-8	Bromochlorobenzene				30	27.4	91	49 - 136	27.5	92		

General Chromatography Quality Control Summary

Analytical Batch	451912	**Client ID**	MB451743			LCS451743			LCSD451743		
Prep Batch	451743	**GCAL ID**	925931			925932			925933		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/04/2011 13:32			03/04/2011 13:32			03/04/2011 13:32		
		Analytical Date	03/04/2011 15:49			03/04/2011 16:41			03/04/2011 16:59		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
GCSV-00-44	Oil Range Organics	45.7U	45.7		2000	1320	66	50 - 150	1440	72	9	40
Surrogate												
84-15-1	o-Terphenyl	39.5	79		50	40.7	81	57 - 115	39.3	79		

Inorganics Quality Control Summary

Analytical Batch	451556	**Client ID**	MB451809	LCS451809
Prep Batch	451809	**GCAL ID**	926308	926309
Prep Method	SW-846 7470A	**Sample Type**	Method Blank	LCS
		Prep Date	03/04/2011 11:35	03/04/2011 11:35
		Analytical Date	03/07/2011 17:51	03/07/2011 17:52
		Matrix	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-97-6	Mercury	0.000081U	0.000081	0.00500	0.00551	110	88 - 111

Analytical Batch	452102	**Client ID**	AOCU-GW52-M	AOCU-GW52-M-MS	AOCU-GW52-M-MSD
Prep Batch	451809	**GCAL ID**	21103041022	21103041023	21103041024
Prep Method	SW-846 7470A Dissolved	**Sample Type**	SAMPLE	MS	MSD
		Prep Date	03/04/2011 11:35	03/04/2011 11:35	03/04/2011 11:35
		Analytical Date	03/09/2011 11:21	03/09/2011 11:23	03/09/2011 11:24
		Matrix	Water	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7439-97-6	Mercury	0.00000	0.00016	0.00500	0.00316	**63***	75 - 125	0.00326	**65***	3	10

Analytical Batch	452103	**Client ID**	AOCU-GW84-M	925760MS	925760MSD
Prep Batch	451729	**GCAL ID**	21103021632	925878	925879
Prep Method	SW-846 7470A	**Sample Type**	SAMPLE	MS	MSD
		Prep Date	03/03/2011 12:00	03/03/2011 12:00	03/03/2011 12:00
		Analytical Date	03/09/2011 14:20	03/09/2011 14:25	03/09/2011 14:27
		Matrix	Water	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7439-97-6	Mercury	0.00000	0.000081	0.00500	0.00270	**54***	75 - 125	0.00254	**51***	6	10

Inorganics Quality Control Summary

Analytical Batch	452210	**Client ID**	MB451729	LCS451729
Prep Batch	451729	**GCAL ID**	925876	925877
Prep Method	SW-846 7470A	**Sample Type**	Method Blank	LCS
		Prep Date	03/03/2011 12:00	03/03/2011 12:00
		Analytical Date	03/09/2011 14:17	03/10/2011 14:21
		Matrix	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-97-6	Mercury	0.000081U	0.000081	0.00500	0.00516	103	88 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	MB451727	LCS451727
Prep Batch	451727	**GCAL ID**	925872	925873
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/03/2011 12:01	03/03/2011 12:01
		Analytical Date	03/08/2011 14:23	03/08/2011 14:31
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum	0.044U	0.044	5.00	4.65	93	87 - 111
7440-36-0	Antimony	0.0040U	0.0040	0.50	0.45	90	88 - 108
7440-38-2	Arsenic	0.0025U	0.0025	0.50	0.46	92	88 - 109
7440-39-3	Barium	0.00067B	0.00011	0.50	0.48	96	92 - 112
7440-41-7	Beryllium	0.00011U	0.00011	0.50	0.48	96	89 - 113
7440-43-9	Cadmium	0.00011U	0.00011	0.50	0.46	93	88 - 111
7440-70-2	Calcium	0.11	0.026	5.00	4.50	90	90 - 111
7440-47-3	Chromium	0.00034U	0.00034	0.50	0.44	**89***	90 - 113
7440-48-4	Cobalt	0.00040U	0.00040	0.50	0.44	89	89 - 111
7440-50-8	Copper	0.0014U	0.0014	0.50	0.44	87	86 - 112
7439-89-6	Iron	0.038U	0.038	5.00	4.44	89	89 - 116
7439-92-1	Lead	0.0014U	0.0014	0.50	0.45	90	89 - 109
7439-95-4	Magnesium	0.047B	0.014	5.00	4.92	98	92 - 113
7439-96-5	Manganese	0.0013B	0.0012	0.50	0.48	96	90 - 110
7440-02-0	Nickel	0.00096U	0.00096	0.50	0.44	89	89 - 111
7440-09-7	Potassium	0.053U	0.053	10.0	9.56	96	89 - 114
7782-49-2	Selenium	0.0043U	0.0043	0.50	0.45	90	90 - 110
7440-22-4	Silver	0.00086B	0.00060	0.50	0.47	94	86 - 120
7440-23-5	Sodium	0.66B	0.051	20.0	19.6	98	90 - 117
7440-28-0	Thallium	0.0018U	0.0018	0.50	0.45	90	88 - 108
7440-62-2	Vanadium	0.00082U	0.00082	0.50	0.48	96	91 - 111
7440-66-6	Zinc	0.0039B	0.0027	0.50	0.44	88	84 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	MB451808	LCS451808
Prep Batch	451808	**GCAL ID**	926306	926307
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/04/2011 11:35	03/04/2011 11:35
		Analytical Date	03/08/2011 15:54	03/08/2011 16:02
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum	0.044U	0.044	5.00	4.63	93	87 - 111
7440-36-0	Antimony	0.0040U	0.0040	0.50	0.48	97	88 - 108
7440-38-2	Arsenic	0.0025U	0.0025	0.50	0.50	101	88 - 109
7440-39-3	Barium	0.00074B	0.00011	0.50	0.47	94	92 - 112
7440-41-7	Beryllium	0.00011U	0.00011	0.50	0.47	93	89 - 113
7440-43-9	Cadmium	0.00011U	0.00011	0.50	0.48	97	88 - 111
7440-70-2	Calcium	0.042B	0.026	5.00	4.73	95	90 - 111
7440-47-3	Chromium	0.00034U	0.00034	0.50	0.47	94	90 - 113
7440-48-4	Cobalt	0.00040U	0.00040	0.50	0.48	95	89 - 111
7440-50-8	Copper	0.0014U	0.0014	0.50	0.46	92	86 - 112
7439-89-6	Iron	0.038U	0.038	5.00	4.74	95	89 - 116
7439-92-1	Lead	0.0014U	0.0014	0.50	0.50	99	89 - 109
7439-95-4	Magnesium	0.033B	0.014	5.00	4.72	94	92 - 113
7439-96-5	Manganese	0.0012U	0.0012	0.50	0.47	94	90 - 110
7440-02-0	Nickel	0.00096U	0.00096	0.50	0.48	96	89 - 111
7440-09-7	Potassium	0.053U	0.053	10.0	9.35	94	89 - 114
7782-49-2	Selenium	0.0043U	0.0043	0.50	0.50	100	90 - 110
7440-22-4	Silver	0.00089B	0.00060	0.50	0.49	98	86 - 120
7440-23-5	Sodium	0.051U	0.051	20.0	21.2	106	90 - 117
7440-28-0	Thallium	0.0018U	0.0018	0.50	0.49	98	88 - 108
7440-62-2	Vanadium	0.0011B	0.00082	0.50	0.47	93	91 - 111
7440-66-6	Zinc	0.0027U	0.0027	0.50	0.48	95	84 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	AOCU-GW84-M	925760MS	925760MSD
Prep Batch	451727	**GCAL ID**	21103021632	925874	925875
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/03/2011 12:01	03/03/2011 12:01	03/03/2011 12:01
		Analytical Date	03/08/2011 14:37	03/08/2011 14:44	03/08/2011 14:51
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.0	0.22	5.00	4.83	97	83 - 119	4.53	91	6	25
7440-36-0	Antimony	0.031	0.020	0.50	0.55	104	81 - 124	0.55	104	0.2	25
7440-38-2	Arsenic	0.027	0.013	0.50	0.54	103	84 - 124	0.52	100	3	25
7440-39-3	Barium	0.0	0.00055	0.50	0.47	94	85 - 120	0.46	92	2	25
7440-41-7	Beryllium	0.00014	0.00057	0.50	0.48	96	79 - 121	0.46	92	4	25
7440-43-9	Cadmium	0.0	0.00055	0.50	0.46	92	82 - 119	0.43	86	7	25
7440-70-2	Calcium	801	0.13	5.00	828	**532***	48 - 153	800	**-20***	3	25
7440-47-3	Chromium	0.010	0.0017	0.50	0.47	91	73 - 135	0.45	88	4	25
7440-48-4	Cobalt	0.0	0.0020	0.50	0.47	93	82 - 119	0.45	90	4	25
7440-50-8	Copper	0.032	0.0069	0.50	0.55	104	82 - 129	0.55	104	0.3	25
7439-89-6	Iron	0.0	0.19	5.00	4.59	92	52 - 155	4.30	86	7	25
7439-92-1	Lead	0.0	0.0070	0.50	0.43	86	62 - 146	0.42	83	3	25
7439-95-4	Magnesium	1690	0.072	5.00	1750	**1090***	62 - 146	1690	**-100***	4	25
7439-96-5	Manganese	0.39	0.0062	0.50	0.88	99	79 - 121	0.85	93	3	25
7440-02-0	Nickel	0.018	0.0048	0.50	0.47	91	84 - 120	0.46	88	3	25
7440-09-7	Potassium	73.6	0.26	10.0	90.6	**170***	76 - 132	87.7	**141***	3	25
7782-49-2	Selenium	0.014	0.022	0.50	0.55	108	71 - 140	0.49	96	11	25
7440-22-4	Silver	0.0	0.0030	0.50	0.54	107	75 - 141	0.52	104	3	25
7440-28-0	Thallium	0.0	0.0088	0.50	0.43	**86***	90 - 116	0.40	**80***	7	25
7440-62-2	Vanadium	0.0	0.0041	0.50	0.31	**61***	85 - 120	0.29	**58***	6	25
7440-66-6	Zinc	0.0	0.014	0.50	0.42	85	60 - 137	0.40	81	5	25

Analytical Batch	452019	**Client ID**	AOCU-GW84-M	925760MS	925760MSD
Prep Batch	451727	**GCAL ID**	21103021632	925874	925875
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/03/2011 12:01	03/03/2011 12:01	03/03/2011 12:01
		Analytical Date	03/09/2011 08:33	03/09/2011 08:41	03/09/2011 08:49
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium	13500	2.57	20.0	13500	**-50***	70 - 203	13500	**-100***	0.1	25

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	AOCU-GW52-M	AOCU-GW52-M-MS	AOCU-GW52-M-MSD
Prep Batch	451808	**GCAL ID**	21103041022	21103041023	21103041024
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/04/2011 11:35	03/04/2011 11:35	03/04/2011 11:35
		Analytical Date	03/08/2011 16:17	03/08/2011 16:24	03/08/2011 16:31
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.23	1.10	5.00	4.41	84	83 - 119	5.03	96	13	25
7440-36-0	Antimony	0.083	0.10	0.50	0.60	103	81 - 124	0.62	108	4	25
7440-38-2	Arsenic	0.024	0.063	0.50	0.53	101	84 - 124	0.56	107	5	25
7440-39-3	Barium	0.0	0.0028	0.50	0.43	86	85 - 120	0.43	86	0.6	25
7440-41-7	Beryllium	0.00046	0.0029	0.50	0.45	91	79 - 121	0.45	91	0.2	25
7440-43-9	Cadmium	0.0	0.0028	0.50	0.43	85	82 - 119	0.44	87	2	25
7440-70-2	Calcium	805	0.64	5.00	793	**-200***	48 - 153	868	**1260***	9	25
7440-47-3	Chromium	0.033	0.0086	0.50	0.47	88	73 - 135	0.46	86	2	25
7440-48-4	Cobalt	0.0	0.0099	0.50	0.44	89	82 - 119	0.45	90	1	25
7440-50-8	Copper	0.15	0.034	0.50	1.06	**182***	82 - 129	1.03	**177***	2	25
7439-89-6	Iron	0.0	0.94	5.00	4.22	84	52 - 155	4.56	91	8	25
7439-92-1	Lead	0.0	0.035	0.50	0.36	71	62 - 146	0.38	76	6	25
7439-95-4	Magnesium	7740	0.36	5.00	7630	**-2000***	62 - 146	8290	**11100***	8	25
7439-96-5	Manganese	1.28	0.031	0.50	1.76	97	79 - 121	1.66	**76***	6	25
7440-02-0	Nickel	0.050	0.024	0.50	0.62	114	84 - 120	0.63	116	2	25
7440-09-7	Potassium	213	1.32	10.0	217	**40***	76 - 132	244	**305***	11	25
7782-49-2	Selenium	0.0	0.11	0.50	0.42	83	71 - 140	0.44	88	6	25
7440-22-4	Silver	0.0	0.015	0.50	0.46	92	75 - 141	0.45	91	2	25
7440-28-0	Thallium	0.0	0.044	0.50	0.34	**68***	90 - 116	0.37	**74***	8	25
7440-62-2	Vanadium	0.0	0.020	0.50	0.0	**0***	85 - 120	0.0	**0***	0	25
7440-66-6	Zinc	0.0	0.068	0.50	0.62	124	60 - 137	0.59	119	4	25

Analytical Batch	452662	**Client ID**	AOCU-GW52-M	AOCU-GW52-M-MS	AOCU-GW52-M-MSD
Prep Batch	451808	**GCAL ID**	21103041022	21103041023	21103041024
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/04/2011 11:35	03/04/2011 11:35	03/04/2011 11:35
		Analytical Date	03/17/2011 13:40	03/17/2011 13:47	03/17/2011 13:55
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium	42300	12.9	20.0	43900	**8030***	70 - 203	41900	**-2000***	5	25

General Chemistry Quality Control Summary

Analytical Batch 451765	**Client ID**	MB451765			LCS451765		
Prep Batch N/A	**GCAL ID**	926040			926041		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/03/2011 15:30			03/03/2011 15:30		
	Matrix	Water			Water		
SM 2540C TDS		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
WET-035	Total Dissolved Solids(TDS)	10.0U	10.0	1000	942	94.2	90 - 110

Analytical Batch 451765	**Client ID**	U43010B		925733DUP		
Prep Batch N/A	**GCAL ID**	21103030401		926042		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/03/2011 15:30		03/03/2011 15:30		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-035	Total Dissolved Solids(TDS)	3276	10.0	3230	1.4	5

General Chemistry Quality Control Summary

Analytical Batch 451724	**Client ID**	MB451724			LCS451724		
Prep Batch N/A	**GCAL ID**	925865			925866		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/03/2011 12:04			03/03/2011 12:05		
	Matrix	Water			Water		
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
14797-55-8 Nitrate		0.003U	0.003	0.500	0.537	107	89.5 -110.5

Analytical Batch 451724	**Client ID**	AOCU-GW69			925800MS			925800MSD			
Prep Batch N/A	**GCAL ID**	21103030907			925867			925868			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/03/2011 13:08			03/03/2011 13:10			03/03/2011 13:11			
	Matrix	Water			Water			Water			
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
14797-55-8 Nitrate		42.5	0.520	100	148	105	89.5 -110.5	146	104	1	25

Analytical Batch 451724	**Client ID**	301-060			925467MS			925467MSD			
Prep Batch N/A	**GCAL ID**	21103024101			925880			925881			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/03/2011 12:49			03/03/2011 12:50			03/03/2011 12:52			
	Matrix	Water			Water			Water			
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
14797-55-8 Nitrate		23.8	0.260	50.0	77.6	107	89.5 -110.5	77.5	107	0.07	25

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030211-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW73	AOCU-GW73	01032011	1300	-	N	1	WG	10	X	X	X	X		X	X							1			1
AOCU-GW72	AOCU-GW72	01032011	1400	-	N	1	WG	10	X	X	X	X		X	X							2			1
Trip Blank		01032011	1300	-	TB	1	WQ	3	X													3	HA-0285050		1
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	JH Moore	3/2/11	1400			
2.	Fedex	3-3-11	850		3-3-11	850
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.5

Airbill Number: 796820601930

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030211-02

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW68	AOCU-GW68	01032011	1530	-	N	1	WG	10	X	X	X	X		X	X								4		2
AOCU-GW71	AOCU-GW71	01032011	1420	-	N	1	WG	10	X	X	X	X		X	X								5		2
Trip Blank		01032011	1420	-	TB	1	WQ	3	X														6	HA-028050	2
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/2/11	1400			
2.	[signature]	3-3-11	850	[signature]	3-3-11	8 5
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 4.6

Airbill Number: 7944 8312 4467

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030211-03

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW69	AOCU-GW69	01032011	1250	-	N	1	WG	10	X	X	X	X		X	X							7			3
AOCU-GW69-A	AOCU-GW69-A	01032011	1250	-	FD	1	WG	10	X	X	X	X		X	X							8			3
Trip Blank		01032011	1250	-	TB	1	WQ	3	X													9	HA-0285050		3
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/2/11	1400	1.		
2. Fedex	3-3-11	850	2. [signature]	3-3-11	850
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 4.1

Airbill Number: 7968 2059 1306

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030211-05

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW57	AOCU-GW57	02032011	1000	-	N	1	WG	10	X	X	X	X		X	X							10		5
AOCU-GW59	AOCU-GW59	02032011	0915	-	N	1	WG	10	X	X	X	X		X	X							11		5
Trip Blank		02032011	0915	-	TB	1	WQ	3	X													12		5
				-																		HA	028505	
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/2/11	1400	1.		
2. [signature]	3-3-11	850	2. [signature]	3-3-11	850
3.			3.		

Sample Delivery Details / Laboratory Receipt 27

Delivered Directly to Lab: Shipped No.:

Method of Shipment: FedEx Express Airbill Number: 7968 2057 9588

Analytical Lab: GCAL Delivery Location: Baton Rouge, LA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030211-06

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW64	AOCU-GW64	02032011	0930	-	N	1	WG	10	X	X	X	X		X	X						13			6
AOCU-GW66	AOCU-GW66	02032011	1030	-	N	1	WG	10	X	X	X	X		X	X						14			6
Trip Blank		02032011	0930	-	TB	1	WQ	3	X												15	JHm ~~HA028050~~		6
				-																		HA028505O		
				-																				
				-																				
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				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. JH Moore	3/2/11	1400	1.		
2. Foley	3-3-11	850	2. M	3-3-11	850
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.6

Airbill Number: 796820574277

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030211-07

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW56	AOCU-GW56	02032011	1040	-	N	1	WG	10	X	X	X	X		X	X						16			7
Trip Blank		02032011	1040	-	TB	1	WQ	3	X												17	HA-0285050		7
				-																				
				-																				
				-																				
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				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/2/11	1400	1.		
2. [signature]	3-3-11	850	2. [signature]	3-3-11	850
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.2

Airbill Number: 794483099326

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030211-04

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm) AM	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
AOCU-GW68-M	AOCU-GW68	01032011	~~1530~~	1331 -	N	1	WG	1					X										18		4
AOCU-GW69-M	AOCU-GW69	01032011	~~1250~~	1251 -	N	1	WG	1					X										19		4
AOCU-GW69A-M	AOCU-GW69A	01032011	~~1250~~	1251 -	FD	1	WG	1					X										20		4
AOCU-GW71-M	AOCU-GW71	01032011	~~1420~~	1421 -	N	1	WG	1					X										21		4
AOCU-GW72-M	AOCU-GW72	01032011	~~1400~~	1401 -	N	1	WG	1					X										22		4
AOCU-GW73-M	AOCU-GW73	01032011	~~1300~~	1301 -	N	1	WG	1					X										23		4
AOCU-GW84 *	AOCU-GW84	01032011	0920	-	N	1	WG	1					X										~~24~~		4
AOCU-GW86 *	AOCU-GW86	01032011	1055	-	N	1	WG	1					X												4
AOCU-GW89 *	AOCU-GW89	01032011	0900	-	N	1	WG	1					X												4
AOCU-GW91 *	AOCU-GW91	01032011	1000	-	N	1	WG	1					X												4
				-																					

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. J.H. Moore	3/2/11	1400	1.		
2. Felen	3-3-11	850	2. NC	3-3-11	850
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 3.2

Airbill Number: 796820585377

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* samples are a separate water

NATIONVIEW /9771/211030309/3-11-11

Project No: 8090006.02.010

COC Number(1): 030311-05

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW47	AOCU-GW47	02032011	1430	-	N	1	WG	1					X												5
AOCU-GW47-A	AOCU-GW47A	02032011	1430	-	FD	1	WG	1					X												5
AOCU-GW50	AOCU-GW50	02032011	1330	-	N	1	WG	1					X												5
AOCU-GW52	AOCU-GW52	02032011	1415	-	N	1	WG	1					X												5
AOCU-GW52-MS	AOCU-GW52-MS	02032011	1415	-	MS	1	WG	1					X												5
AOCU-GW52-MSD	AOCU-GW52-MSD	02032011	1415	-	SD	1	WG	1					X												5
AOCU-GW54	AOCU-GW54	02032011	1310	-	N	1	WG	1					X												5
AOCU-GW56 M*	AOCU-GW56	02032011	~~1040~~ 0941	1041 -	N	1	WG	1					X											24	5
AOCU-GW57-M*	AOCU-GW57	02032011	~~1000~~	1001 -	N	1	WG	1					X											25	5
AOCU-GW59 M*	AOCU-GW59	02032011	~~0915~~	0916 -	N	1	WG	1					X											26	5
AOCU-GW64-M*	AOCU-GW64	02032011	~~0930~~	0931 -	N	1	WG	1					X											27	5

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/3/11	1400			
2.	[signature]	3/4/11	910	[signature]	3-4-11	910
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 53

Airbill Number: 794488290680

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SB = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* Samples are in the water only.

NATIONVIEW/9771/21103030 4/3-11-11

Project No: 8090006.02.010

COC Number(1): 030311-05

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOC4-GW66-M	AOC4-GW66	02032011	~~1030~~ 1030	103 -	N	1	WG	1					X											28	5
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/3/11	1400			
2.	[signature]	3-4-11	910	[signature]	3-4-11	910
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.: 5.3

Method of Shipment: FedEx Express

Airbill Number: 794488290680

Analytical Lab: GCAL

Delivery Location: Baton Rouge, LA

Lab Recipient:

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

GCAL

GULF COAST ANALYTICAL LABORATORIES, INC

SAMPLE RECEIVING CHECKLIST

Workorder: 211030309

Client: 4771 - NationView LLC

Profile: 204817 - AOC-U Investigarion, Holloman AFB

Line Item: 1 - Water

Received by: Raborn, Michelle

Received Date/Time: 3/3/2011 8:50:00 AM

Samples Received via: FEDEX

Number of Coolers Received: _____

Cooler tracking numbers(s): 7944 5309 9326 7968 2055 5377 7944 8820 6580 7968 2066 1930 7944 5324 467 7968 2059 1366 7968 2057 9588 7968 2057 4277

Cooler temperature(s): 1.5 4.6 4.1 2.7 1.6 1.2 3.2 5.3

Were all coolers received at a temperature of 0 - 6° C?	☐ Yes	☐ No	☐ N/A
Were all custody seals intact?	☐ Yes	☐ No	☐ N/A
Were all samples recevied in proper containers?	☐ Yes	☐ No	☐ N/A
Were all samples properly preserved?	☐ Yes	☐ No	☐ N/A
Was preservative added to any container at the lab?	☐ Yes	☐ No	☐ N/A
Were all containers received in good condition?	☐ Yes	☐ No	☐ N/A
Were all VOA vials received with no head space?	☐ Yes	☐ No	☐ N/A
Do all sample labels match the Chain of Custody?	☐ Yes	☐ No	☐ N/A
Was the client notified about any discrepancies?	☐ Yes	☐ No	☐ N/A

Notes/Comments: _____

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER ADE - 1482

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 GSRI Avenue

Baton Rouge, LA 70820

Report Date 04/04/2011

GCAL Report 211030410

Deliver To	NationView, LLC 445 Union Blvd. Suite 129 Denver, CO 80228 303-597-2450
Attn	Jim Moore

Customer NationView LLC

Project AOC-U RFI Investigarion

CASE NARRATIVE

Client: NationView LLC **Report:** 211030410

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

This report was resubmitted on 04/04/11. The data was revised to include estimated values in the report.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 451901, the MS/MSD exhibited recovery and RPD failures. The LCS/LCSD recoveries are acceptable. Acrylonitrile exhibited a %D value greater than 40 in the ICV. Acrylonitrile was not detected in any samples. The MS/MSD recoveries for 2-Chloroethylvinyl ether are not applicable because this compound is not recovered in acidified samples.

In the SW-846 8260B analysis for analytical batch 451920, the LCS and/or LCSD recoveries are above the upper control limit for Acrylonitrile. This compound was not detected in the associated samples.

METALS

In the SW-846 7470A Dissolved analysis, a chemical or physical interference necessitated a dilution for samples 21103041022 (AOCU-GW52), 21103041023 (AOCU-GW52-MS) and 21103041024 (AOCU-GW52-MSD). This is reflected in the elevated reporting limits.

In the SW-846 6010B Dissolved analysis, a chemical or physical interference necessitated a dilution for samples 21103041022 (AOCU-GW52), 21103041023 (AOCU-GW52-MS), 21103041024 (AOCU-GW52-MSD), 21103041021 (AOCU-GW50), 21103041026 (AOCU-GW39), 21103041027 (AOCU-GW43), 21103041019 (AOCU-GW47), 21103041028 (AOCU-GW45), 21103041029 (AOCU-GW41) and 21103041025 (AOCU-GW54). This is reflected in the elevated reporting limits.

In the SW-846 6010B Dissolved analysis for prep batch 451808, the MS and/or MSD recoveries are outside the control limits for Copper, Manganese and Vanadium. The LCS recovery is within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with recoveries of 102% for Copper, 103% for Manganese and 96% for Vanadium. The MS/MSD recoveries are not applicable for Calcium, Magnesium, Potassium and Sodium because the sample concentration is greater than four times the spike concentration. The MS and/or MSD recovery is outside the control limits for Thallium. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference.

In the SW-846 6010B Dissolved analysis for prep batch 451923, the MS and/or MSD recoveries are outside the control limits for Thallium and Vanadium. The LCS recovery is within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with recoveries of 94% for Thallium and 98% for Vanadium. The MS/MSD recoveries are not applicable for Calcium, Magnesium, Potassium and Sodium because the sample concentration is greater than four times the spike concentration.

In the SW-846 7470A Dissolved analysis for prep batches 451809 and 451925, the MS and/or MSD recovery is outside the control limits for Mercury. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference.

CONVENTIONALS

In the EPA 353.2 analysis, samples 21103041011 (AOCU-GW50), 21103041008 (AOCU-GW47), 21103041009 (AOCU-GW47-A), 21103041014 (AOCU-GW45), 21103041017 (AOCU-GW41) and 21103041013 (AOCU-GW43) had to be diluted in order to bracket the Nitrate + Nitrite and/or Nitrite concentrations within the calibration range of the instrument. The Nitrate is based on the difference between the Nitrate + Nitrite and the Nitrite. The dilution is reflected in the elevated reporting limit.

In the SM 2540 C analysis, samples 21103041001 (AOCU-GW54), 21103041011 (AOCU-GW50), 21103041002 (AOCU-GW52), 21103041006 (AOCU-GW52-DUP), 21103041008 (AOCU-GW47), 21103041009 (AOCU-GW47-A), 21103041014 (AOCU-GW45), 21103041017 (AOCU-GW41), 21103041013 (AOCU-GW43), 21103041016 (AOCU-GW39) and 21103041005 (AOCU-GW52-MSD) had to be diluted prior to filtration in order not to exceed the maximum residue allowed by the method.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Robyn Migues
Technical Director
GCAL REPORT 211030410

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041001	AOCU-GW54	Water	03/02/2011 13:10	03/04/2011 09:10
21103041002	AOCU-GW52	Water	03/02/2011 14:15	03/04/2011 09:10
21103041003	TRIP BLANK	Water	03/02/2011 13:10	03/04/2011 09:10
21103041004	AOCU-GW52-MS	Water	03/02/2011 14:15	03/04/2011 09:10
21103041005	AOCU-GW52-MSD	Water	03/02/2011 14:15	03/04/2011 09:10
21103041006	AOCU-GW52-DUP	Water	03/02/2011 14:15	03/04/2011 09:10
21103041007	TRIP BLANK	Water	03/02/2011 14:15	03/04/2011 09:10
21103041008	AOCU-GW47	Water	03/02/2011 14:30	03/04/2011 09:10
21103041009	AOCU-GW47-A	Water	03/02/2011 14:30	03/04/2011 09:10
21103041010	TRIP BLANK	Water	03/02/2011 14:30	03/04/2011 09:10
21103041011	AOCU-GW50	Water	03/02/2011 13:30	03/04/2011 09:10
21103041012	TRIP BLANK	Water	03/02/2011 13:30	03/04/2011 09:10
21103041013	AOCU-GW43	Water	03/03/2011 09:55	03/04/2011 09:10
21103041014	AOCU-GW45	Water	03/03/2011 08:50	03/04/2011 09:10
21103041015	TRIP BLANK	Water	03/03/2011 08:50	03/04/2011 09:10
21103041016	AOCU-GW39	Water	03/03/2011 10:15	03/04/2011 09:10
21103041017	AOCU-GW41	Water	03/03/2011 09:00	03/04/2011 09:10
21103041018	TRIP BLANK	Water	03/03/2011 09:00	03/04/2011 09:10
21103041019	AOCU-GW47-M	Water	03/02/2011 14:31	03/04/2011 09:10
21103041020	AOCU-GW47-A-M	Water	03/02/2011 14:31	03/04/2011 09:10
21103041021	AOCU-GW50-M	Water	03/02/2011 13:31	03/04/2011 09:10
21103041022	AOCU-GW52-M	Water	03/02/2011 14:16	03/04/2011 09:10
21103041023	AOCU-GW52-M-MS	Water	03/02/2011 14:16	03/04/2011 09:10
21103041024	AOCU-GW52-M-MSD	Water	03/02/2011 14:16	03/04/2011 09:10
21103041025	AOCU-GW54-M	Water	03/02/2011 13:11	03/04/2011 09:10
21103041026	AOCU-GW39-M	Water	03/03/2011 10:16	03/05/2011 09:15
21103041027	AOCU-GW43-M	Water	03/03/2011 09:56	03/05/2011 09:15
21103041028	AOCU-GW45-M	Water	03/03/2011 08:51	03/05/2011 09:15
21103041029	AOCU-GW41-M	Water	03/03/2011 09:01	03/05/2011 09:15

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041001	**AOCU-GW54**	Water	03/02/2011 13:10	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 01:39	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041001	**AOCU-GW54**	Water	03/02/2011 13:10	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 01:39	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.6	ug/L	89	84 - 120
1868-53-7	Dibromofluoromethane	50	48.3	ug/L	97	87 - 116
2037-26-5	Toluene d8	50	50.6	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.4	ug/L	107	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 01:39	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041001	**AOCU-GW54**	Water	03/02/2011 13:10	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 12:34	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041001	**AOCU-GW54**	Water	03/02/2011 13:10	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 12:34	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	45.6	ug/L	91	52 - 120
321-60-8	2-Fluorobiphenyl	50	40	ug/L	80	16 - 128
1718-51-0	Terphenyl-d14	50	43.8	ug/L	88	43 - 138
4165-62-2	Phenol-d5	100	62.2	ug/L	62	10 - 120
367-12-4	2-Fluorophenol	100	69.3	ug/L	69	10 - 120
118-79-6	2,4,6-Tribromophenol	100	101	ug/L	101	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 11:25	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45.4	ug/L	91	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 14:54	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.7	ug/L	82	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041001	**AOCU-GW54**	Water	03/02/2011 13:10	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 11:25	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.6	ug/L	85	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**185000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/04/2011 11:33	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.139**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041002	**AOCU-GW52**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 22:34	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041002	**AOCU-GW52**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 22:34	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	43.2	ug/L	86	84 - 120
1868-53-7	Dibromofluoromethane	50	49.8	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	50.6	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.6	ug/L	107	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 22:34	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041002	**AOCU-GW52**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 12:49	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041002	**AOCU-GW52**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 12:49	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	48.3	ug/L	97	52 - 120
321-60-8	2-Fluorobiphenyl	50	43.3	ug/L	87	16 - 128
1718-51-0	Terphenyl-d14	50	32.4	ug/L	65	43 - 138
4165-62-2	Phenol-d5	100	59.6	ug/L	60	10 - 120
367-12-4	2-Fluorophenol	100	71.2	ug/L	71	10 - 120
118-79-6	2,4,6-Tribromophenol	100	108	ug/L	108	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 11:43	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.9	ug/L	94	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 15:18	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.8	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041002	**AOCU-GW52**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 11:43	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44	ug/L	88	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**166000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/04/2011 11:35	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.110**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041003	**TRIP BLANK**	Water	03/02/2011 13:10	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 02:02	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041003	**TRIP BLANK**	Water	03/02/2011 13:10	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 02:02	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.7	ug/L	93	84 - 120
1868-53-7	Dibromofluoromethane	50	46.9	ug/L	94	87 - 116
2037-26-5	Toluene d8	50	46.9	ug/L	94	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.2	ug/L	102	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041004	**AOCU-GW52-MS**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 22:58	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	44.3	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	48.1	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	64.2	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	49.8	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	54.2	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	49.7	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	46.1	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	45.8	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	97.6	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.9	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	46.2	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	81.9	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	52.0	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	46.4	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	52.6	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	53.8	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	46.1	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	44.9	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	52.0	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	44.2	5	0.058	ug/L
544-10-5	1-Chlorohexane	37.7	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	47.4	5	0.112	ug/L
78-93-3	2-Butanone	85.7	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	45.6	5	0.090	ug/L
591-78-6	2-Hexanone	92.8	5	0.302	ug/L
106-43-4	4-Chlorotoluene	46.7	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	46.0	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	83.6	5	0.142	ug/L
67-64-1	Acetone	62.4	25	0.322	ug/L
107-02-8	Acrolein	344	25	2.49	ug/L
107-13-1	Acrylonitrile	349	25	1.62	ug/L
71-43-2	Benzene	49.0	5	0.049	ug/L
108-86-1	Bromobenzene	46.9	5	0.095	ug/L
74-97-5	Bromochloromethane	44.0	5	0.238	ug/L
75-27-4	Bromodichloromethane	48.9	5	0.071	ug/L
75-25-2	Bromoform	54.0	5	0.278	ug/L
74-83-9	Bromomethane	47.6	5	0.276	ug/L
75-15-0	Carbon disulfide	47.4	5	0.190	ug/L
56-23-5	Carbon tetrachloride	48.1	5	0.056	ug/L
108-90-7	Chlorobenzene	42.2	5	0.055	ug/L
75-00-3	Chloroethane	17.4	5	0.279	ug/L
67-66-3	Chloroform	47.2	5	0.062	ug/L
74-87-3	Chloromethane	48.8	5	0.076	ug/L
124-48-1	Dibromochloromethane	50.1	5	0.133	ug/L
74-95-3	Dibromomethane	51.4	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	50.3	5	0.088	ug/L
100-41-4	Ethylbenzene	43.2	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	53.1	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	42.0	5	0.058	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041004	**AOCU-GW52-MS**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 22:58	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
74-88-4	**Methyl iodide**	**42.3**	**5**	**0.097**	**ug/L**
75-09-2	**Methylene chloride**	**48.9**	**10**	**0.102**	**ug/L**
91-20-3	**Naphthalene**	**48.4**	**5**	**0.175**	**ug/L**
100-42-5	**Styrene**	**44.3**	**5**	**0.058**	**ug/L**
127-18-4	**Tetrachloroethene**	**42.3**	**5**	**0.210**	**ug/L**
108-88-3	**Toluene**	**45.9**	**5**	**0.078**	**ug/L**
79-01-6	**Trichloroethene**	**45.6**	**5**	**0.094**	**ug/L**
75-69-4	**Trichlorofluoromethane**	**49.7**	**5**	**0.094**	**ug/L**
76-13-1	**Trichlorotrifluoroethane**	**48.3**	**5**	**0.141**	**ug/L**
108-05-4	**Vinyl acetate**	**57.7**	**5**	**0.197**	**ug/L**
75-01-4	**Vinyl chloride**	**52.7**	**5**	**0.104**	**ug/L**
156-59-2	**cis-1,2-Dichloroethene**	**51.0**	**5**	**0.104**	**ug/L**
10061-01-5	**cis-1,3-Dichloropropene**	**49.2**	**5**	**0.105**	**ug/L**
136777-61-2	**m,p-Xylene**	**84.1**	**10**	**0.099**	**ug/L**
104-51-8	**n-Butylbenzene**	**50.0**	**5**	**0.068**	**ug/L**
110-54-3	**n-Hexane**	**44.4**	**5**	**0.126**	**ug/L**
103-65-1	**n-Propylbenzene**	**45.7**	**5**	**0.069**	**ug/L**
95-47-6	**o-Xylene**	**42.7**	**5**	**0.077**	**ug/L**
135-98-8	**sec-Butylbenzene**	**47.3**	**5**	**0.088**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**52.8**	**5**	**0.084**	**ug/L**
98-06-6	**tert-Butylbenzene**	**47.3**	**5**	**0.058**	**ug/L**
156-60-5	**trans-1,2-Dichloroethene**	**51.2**	**5**	**0.096**	**ug/L**
10061-02-6	**trans-1,3-Dichloropropene**	**50.2**	**5**	**0.068**	**ug/L**
110-57-6	**trans-1,4-Dichloro-2-butene**	**165**	**5**	**0.429**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.8	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	51.5	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	50.5	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	55.4	ug/L	111	76 - 127

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:04	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	**1,2,4-Trichlorobenzene**	**67.2**	**10.0**	**0.234**	**ug/L**
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	**1,4-Dichlorobenzene**	**65.4**	**10.0**	**0.255**	**ug/L**
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	**2,4-Dinitrotoluene**	**90.5**	**10.0**	**0.263**	**ug/L**
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041004	**AOCU-GW52-MS**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:04	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
95-57-8	**2-Chlorophenol**	**81.4**	**10.0**	**0.276**	**ug/L**
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	**4-Chloro-3-methylphenol**	**86.9**	**10.0**	**0.234**	**ug/L**
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	**4-Nitrophenol**	**37.5**	**10.0**	**1.83**	**ug/L**
83-32-9	**Acenaphthene**	**81.3**	**10.0**	**0.268**	**ug/L**
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	**Pentachlorophenol**	**68.9**	**10.0**	**0.168**	**ug/L**
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	**Phenol**	**51.3**	**10.0**	**0.150**	**ug/L**
129-00-0	**Pyrene**	**87.2**	**10.0**	**0.486**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041004	**AOCU-GW52-MS**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:04	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	**n-Nitrosodi-n-propylamine**	**85.5**	**10.0**	**0.304**	**ug/L**
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.6	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	37.2	ug/L	74	16 - 128
1718-51-0	Terphenyl-d14	50	41.1	ug/L	82	43 - 138
4165-62-2	Phenol-d5	100	55.3	ug/L	55	10 - 120
367-12-4	2-Fluorophenol	100	66.9	ug/L	67	10 - 120
118-79-6	2,4,6-Tribromophenol	100	95.6	ug/L	96	20 - 120

Total Hydrocarbons Diesel Wate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 12:00	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**885**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.4	ug/L	87	57 - 115

SW-846 8015B Modified Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 15:42	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	**Gasoline Range Organics**	**387**	**100**	**13.0**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	28.3	ug/L	94	49 - 136

Total Hydrocarbons Oil Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 12:36	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1500**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.7	ug/L	87	57 - 115

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041004	**AOCU-GW52-MS**	Water	03/02/2011 14:15	03/04/2011 09:10

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/04/2011 11:37	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.608**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041005	**AOCU-GW52-MSD**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 23:20	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	45.5	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	47.6	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	65.8	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	53.1	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	54.7	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	50.3	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	48.1	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	52.0	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	97.5	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	49.9	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	47.8	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	86.6	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	53.1	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	48.7	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	52.9	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	54.3	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	46.7	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	46.4	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	54.9	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	46.2	5	0.058	ug/L
544-10-5	1-Chlorohexane	40.1	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	46.7	5	0.112	ug/L
78-93-3	2-Butanone	87.7	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	46.7	5	0.090	ug/L
591-78-6	2-Hexanone	96.9	5	0.302	ug/L
106-43-4	4-Chlorotoluene	47.3	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	49.1	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	86.8	5	0.142	ug/L
67-64-1	Acetone	62.2	25	0.322	ug/L
107-02-8	Acrolein	321	25	2.49	ug/L
107-13-1	Acrylonitrile	345	25	1.62	ug/L
71-43-2	Benzene	49.8	5	0.049	ug/L
108-86-1	Bromobenzene	49.2	5	0.095	ug/L
74-97-5	Bromochloromethane	47.8	5	0.238	ug/L
75-27-4	Bromodichloromethane	50.9	5	0.071	ug/L
75-25-2	Bromoform	55.8	5	0.278	ug/L
74-83-9	Bromomethane	51.2	5	0.276	ug/L
75-15-0	Carbon disulfide	49.4	5	0.190	ug/L
56-23-5	Carbon tetrachloride	49.7	5	0.056	ug/L
108-90-7	Chlorobenzene	44.7	5	0.055	ug/L
75-00-3	Chloroethane	17.1	5	0.279	ug/L
67-66-3	Chloroform	46.4	5	0.062	ug/L
74-87-3	Chloromethane	56.2	5	0.076	ug/L
124-48-1	Dibromochloromethane	52.7	5	0.133	ug/L
74-95-3	Dibromomethane	53.6	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	49.9	5	0.088	ug/L
100-41-4	Ethylbenzene	45.7	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	56.5	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	44.1	5	0.058	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041005	**AOCU-GW52-MSD**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/06/2011 23:20	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
74-88-4	**Methyl iodide**	**48.9**	**5**	**0.097**	**ug/L**
75-09-2	**Methylene chloride**	**49.4**	**10**	**0.102**	**ug/L**
91-20-3	**Naphthalene**	**58.5**	**5**	**0.175**	**ug/L**
100-42-5	**Styrene**	**45.7**	**5**	**0.058**	**ug/L**
127-18-4	**Tetrachloroethene**	**43.7**	**5**	**0.210**	**ug/L**
108-88-3	**Toluene**	**46.5**	**5**	**0.078**	**ug/L**
79-01-6	**Trichloroethene**	**46.6**	**5**	**0.094**	**ug/L**
75-69-4	**Trichlorofluoromethane**	**51.4**	**5**	**0.094**	**ug/L**
76-13-1	**Trichlorotrifluoroethane**	**48.6**	**5**	**0.141**	**ug/L**
108-05-4	**Vinyl acetate**	**57.1**	**5**	**0.197**	**ug/L**
75-01-4	**Vinyl chloride**	**55.6**	**5**	**0.104**	**ug/L**
156-59-2	**cis-1,2-Dichloroethene**	**51.4**	**5**	**0.104**	**ug/L**
10061-01-5	**cis-1,3-Dichloropropene**	**51.1**	**5**	**0.105**	**ug/L**
136777-61-2	**m,p-Xylene**	**89.0**	**10**	**0.099**	**ug/L**
104-51-8	**n-Butylbenzene**	**53.6**	**5**	**0.068**	**ug/L**
110-54-3	**n-Hexane**	**43.8**	**5**	**0.126**	**ug/L**
103-65-1	**n-Propylbenzene**	**47.9**	**5**	**0.069**	**ug/L**
95-47-6	**o-Xylene**	**45.2**	**5**	**0.077**	**ug/L**
135-98-8	**sec-Butylbenzene**	**49.5**	**5**	**0.088**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**54.6**	**5**	**0.084**	**ug/L**
98-06-6	**tert-Butylbenzene**	**47.5**	**5**	**0.058**	**ug/L**
156-60-5	**trans-1,2-Dichloroethene**	**51.2**	**5**	**0.096**	**ug/L**
10061-02-6	**trans-1,3-Dichloropropene**	**53.1**	**5**	**0.068**	**ug/L**
110-57-6	**trans-1,4-Dichloro-2-butene**	**158**	**5**	**0.429**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	51.2	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	49.9	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.6	ug/L	105	76 - 127

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:19	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	**1,2,4-Trichlorobenzene**	**63.0**	**10.0**	**0.234**	**ug/L**
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	**1,4-Dichlorobenzene**	**61.3**	**10.0**	**0.255**	**ug/L**
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	**2,4-Dinitrotoluene**	**81.6**	**10.0**	**0.263**	**ug/L**
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041005	**AOCU-GW52-MSD**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:19	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
95-57-8	**2-Chlorophenol**	**72.7**	**10.0**	**0.276**	**ug/L**
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	**4-Chloro-3-methylphenol**	**79.4**	**10.0**	**0.234**	**ug/L**
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	**4-Nitrophenol**	**32.4**	**10.0**	**1.83**	**ug/L**
83-32-9	**Acenaphthene**	**76.0**	**10.0**	**0.268**	**ug/L**
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	**Pentachlorophenol**	**62.2**	**10.0**	**0.168**	**ug/L**
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	**Phenol**	**45.7**	**10.0**	**0.150**	**ug/L**
129-00-0	**Pyrene**	**78.8**	**10.0**	**0.486**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041005	**AOCU-GW52-MSD**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:19	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	**n-Nitrosodi-n-propylamine**	**77.9**	**10.0**	**0.304**	**ug/L**
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	39.2	ug/L	78	52 - 120
321-60-8	2-Fluorobiphenyl	50	35.5	ug/L	71	16 - 128
1718-51-0	Terphenyl-d14	50	42.6	ug/L	85	43 - 138
4165-62-2	Phenol-d5	100	49.4	ug/L	49	10 - 120
367-12-4	2-Fluorophenol	100	58.6	ug/L	59	10 - 120
118-79-6	2,4,6-Tribromophenol	100	84.7	ug/L	85	20 - 120

Total Hydrocarbons Diesel Wate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 12:18	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**937**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.3	ug/L	93	57 - 115

SW-846 8015B Modified Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 16:06	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	**Gasoline Range Organics**	**352**	**100**	**13.0**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	28	ug/L	93	49 - 136

Total Hydrocarbons Oil Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 13:30	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1510**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.9	ug/L	86	57 - 115

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041005	**AOCU-GW52-MSD**	Water	03/02/2011 14:15	03/04/2011 09:10

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/04/2011 11:38	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.596**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041006	**AOCU-GW52-DUP**	Water	03/02/2011 14:15	03/04/2011 09:10

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**165000**	**500**	**500**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041007	**TRIP BLANK**	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 02:25	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041007	TRIP BLANK	Water	03/02/2011 14:15	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 02:25	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.1	ug/L	92	84 - 120
1868-53-7	Dibromofluoromethane	50	48.6	ug/L	97	87 - 116
2037-26-5	Toluene d8	50	47.4	ug/L	95	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.8	ug/L	106	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041008	**AOCU-GW47**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 02:48	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041008	**AOCU-GW47**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 02:48	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45	ug/L	90	84 - 120
1868-53-7	Dibromofluoromethane	50	49.3	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	51.5	ug/L	103	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52	ug/L	104	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 02:48	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041008	**AOCU-GW47**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:34	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041008	**AOCU-GW47**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:34	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	45.8	ug/L	92	52 - 120
321-60-8	2-Fluorobiphenyl	50	41.5	ug/L	83	16 - 128
1718-51-0	Terphenyl-d14	50	49.3	ug/L	99	43 - 138
4165-62-2	Phenol-d5	100	62.8	ug/L	63	10 - 120
367-12-4	2-Fluorophenol	100	74	ug/L	74	10 - 120
118-79-6	2,4,6-Tribromophenol	100	101	ug/L	101	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 13:48	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**57.4J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.6	ug/L	87	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 16:32	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.3	ug/L	84	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041008	**AOCU-GW47**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 13:48	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	41	ug/L	82	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**174000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/04/2011 11:39	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**86.2**	**1.00**	**0.260**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041009	**AOCU-GW47-A**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 03:11	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041009	**AOCU-GW47-A**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 03:11	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45	ug/L	90	84 - 120
1868-53-7	Dibromofluoromethane	50	51.9	ug/L	104	87 - 116
2037-26-5	Toluene d8	50	50.4	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	55.3	ug/L	111	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 03:11	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041009	**AOCU-GW47-A**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:49	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041009	**AOCU-GW47-A**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 13:49	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	39	ug/L	78	52 - 120
321-60-8	2-Fluorobiphenyl	50	35.7	ug/L	71	16 - 128
1718-51-0	Terphenyl-d14	50	43.8	ug/L	88	43 - 138
4165-62-2	Phenol-d5	100	53	ug/L	53	10 - 120
367-12-4	2-Fluorophenol	100	61.5	ug/L	62	10 - 120
118-79-6	2,4,6-Tribromophenol	100	77.4	ug/L	77	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 14:06	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	38.3	ug/L	77	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 17:44	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.7	ug/L	82	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041009	**AOCU-GW47-A**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 14:06	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	35.9	ug/L	72	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**157000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/04/2011 11:40	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**87.7**	**1.00**	**0.260**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041010	**TRIP BLANK**	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 03:34	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041010	TRIP BLANK	Water	03/02/2011 14:30	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 03:34	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.6	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	47.5	ug/L	95	87 - 116
2037-26-5	Toluene d8	50	49.4	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.7	ug/L	103	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041011	**AOCU-GW50**	Water	03/02/2011 13:30	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 03:57	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041011	**AOCU-GW50**	Water	03/02/2011 13:30	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 03:57	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.6	ug/L	93	84 - 120
1868-53-7	Dibromofluoromethane	50	48.2	ug/L	96	87 - 116
2037-26-5	Toluene d8	50	49.8	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52	ug/L	104	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 03:57	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041011	**AOCU-GW50**	Water	03/02/2011 13:30	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 14:04	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041011	**AOCU-GW50**	Water	03/02/2011 13:30	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 14:04	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	40.8	ug/L	82	52 - 120
321-60-8	2-Fluorobiphenyl	50	37.2	ug/L	74	16 - 128
1718-51-0	Terphenyl-d14	50	48	ug/L	96	43 - 138
4165-62-2	Phenol-d5	100	42.2	ug/L	42	10 - 120
367-12-4	2-Fluorophenol	100	55.7	ug/L	56	10 - 120
118-79-6	2,4,6-Tribromophenol	100	88.2	ug/L	88	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 14:23	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**56.6J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.5	ug/L	93	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 18:08	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.1	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041011	**AOCU-GW50**	Water	03/02/2011 13:30	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 14:23	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.6	ug/L	87	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**85200**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	03/04/2011 11:34	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**86.1**	**2.00**	**0.520**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041012	**TRIP BLANK**	Water	03/02/2011 13:30	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 04:20	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041012	**TRIP BLANK**	Water	03/02/2011 13:30	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 04:20	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.3	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	47.7	ug/L	95	87 - 116
2037-26-5	Toluene d8	50	49.7	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.1	ug/L	106	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041013	**AOCU-GW43**	Water	03/03/2011 09:55	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 04:42	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041013	**AOCU-GW43**	Water	03/03/2011 09:55	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 04:42	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45	ug/L	90	84 - 120
1868-53-7	Dibromofluoromethane	50	50.4	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	49.8	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.4	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 04:42	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041013	**AOCU-GW43**	Water	03/03/2011 09:55	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 14:19	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041013	**AOCU-GW43**	Water	03/03/2011 09:55	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 14:19	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.6	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	39.3	ug/L	79	16 - 128
1718-51-0	Terphenyl-d14	50	48.2	ug/L	96	43 - 138
4165-62-2	Phenol-d5	100	61.6	ug/L	62	10 - 120
367-12-4	2-Fluorophenol	100	68.9	ug/L	69	10 - 120
118-79-6	2,4,6-Tribromophenol	100	90.8	ug/L	91	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 14:41	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**102J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.1	ug/L	84	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 18:32	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.9	ug/L	83	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041013	**AOCU-GW43**	Water	03/03/2011 09:55	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 14:41	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.5	ug/L	79	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**120000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 11:47	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**18.1**	**0.500**	**0.130**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041014	**AOCU-GW45**	Water	03/03/2011 08:50	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 05:04	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041014	**AOCU-GW45**	Water	03/03/2011 08:50	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 05:04	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.8	ug/L	92	84 - 120
1868-53-7	Dibromofluoromethane	50	48.4	ug/L	97	87 - 116
2037-26-5	Toluene d8	50	49.5	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52	ug/L	104	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 05:04	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041014	**AOCU-GW45**	Water	03/03/2011 08:50	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 14:34	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041014	**AOCU-GW45**	Water	03/03/2011 08:50	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 14:34	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	46	ug/L	92	52 - 120
321-60-8	2-Fluorobiphenyl	50	43.9	ug/L	88	16 - 128
1718-51-0	Terphenyl-d14	50	54	ug/L	108	43 - 138
4165-62-2	Phenol-d5	100	56	ug/L	56	10 - 120
367-12-4	2-Fluorophenol	100	67.2	ug/L	67	10 - 120
118-79-6	2,4,6-Tribromophenol	100	95.1	ug/L	95	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 14:59	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.2	ug/L	84	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 18:56	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.3	ug/L	84	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041014	**AOCU-GW45**	Water	03/03/2011 08:50	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 14:59	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.6	ug/L	79	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**118000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	03/04/2011 11:44	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**123**	**2.00**	**0.520**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041015	**TRIP BLANK**	Water	03/03/2011 08:50	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 05:28	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041015	TRIP BLANK	Water	03/03/2011 08:50	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 05:28	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.4	ug/L	89	84 - 120
1868-53-7	Dibromofluoromethane	50	50.4	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	47.1	ug/L	94	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.1	ug/L	104	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041016	**AOCU-GW39**	Water	03/03/2011 10:15	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 05:50	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041016	**AOCU-GW39**	Water	03/03/2011 10:15	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 05:50	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	43.8	ug/L	88	84 - 120
1868-53-7	Dibromofluoromethane	50	51.7	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	49.5	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.3	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 05:50	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041016	**AOCU-GW39**	Water	03/03/2011 10:15	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 14:49	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041016	**AOCU-GW39**	Water	03/03/2011 10:15	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 14:49	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	48.5	ug/L	97	52 - 120
321-60-8	2-Fluorobiphenyl	50	44.8	ug/L	90	16 - 128
1718-51-0	Terphenyl-d14	50	50.6	ug/L	101	43 - 138
4165-62-2	Phenol-d5	100	72.9	ug/L	73	10 - 120
367-12-4	2-Fluorophenol	100	80.5	ug/L	81	10 - 120
118-79-6	2,4,6-Tribromophenol	100	116	ug/L	116	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 15:17	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.7	ug/L	87	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 19:21	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	24.2	ug/L	81	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041016	**AOCU-GW39**	Water	03/03/2011 10:15	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 15:17	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	41	ug/L	82	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**187000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/04/2011 11:48	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.149**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041017	**AOCU-GW41**	Water	03/03/2011 09:00	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 06:13	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041017	**AOCU-GW41**	Water	03/03/2011 09:00	03/04/2011 09:10

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 06:13	RJO	451901

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.2	ug/L	90	84 - 120
1868-53-7	Dibromofluoromethane	50	53.3	ug/L	107	87 - 116
2037-26-5	Toluene d8	50	49.6	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	56.2	ug/L	112	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 06:13	RJO	451972

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041017	**AOCU-GW41**	Water	03/03/2011 09:00	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 15:04	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041017	**AOCU-GW41**	Water	03/03/2011 09:00	03/04/2011 09:10

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 07:05	451817	3510C	1	03/08/2011 15:04	JEW	452046

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	45.8	ug/L	92	52 - 120
321-60-8	2-Fluorobiphenyl	50	43.4	ug/L	87	16 - 128
1718-51-0	Terphenyl-d14	50	52.3	ug/L	105	43 - 138
4165-62-2	Phenol-d5	100	58.8	ug/L	59	10 - 120
367-12-4	2-Fluorophenol	100	69.5	ug/L	70	10 - 120
118-79-6	2,4,6-Tribromophenol	100	98.6	ug/L	99	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451820	3510C	1	03/07/2011 15:38	SMH	452004

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**109J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44.7	ug/L	89	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 19:45	BMR	452167

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.6	ug/L	85	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041017	**AOCU-GW41**	Water	03/03/2011 09:00	03/04/2011 09:10

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/05/2011 11:37	451823	3510C	1	03/07/2011 15:38	SMH	452005

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42	ug/L	84	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 13:40	DJH	451833

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**148000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/04/2011 11:45	AEL	451807

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**38.8**	**0.500**	**0.130**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041018	**TRIP BLANK**	Water	03/03/2011 09:00	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 13:33	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041018	**TRIP BLANK**	Water	03/03/2011 09:00	03/04/2011 09:10

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 13:33	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.4	ug/L	91	84 - 120
1868-53-7	Dibromofluoromethane	50	51.4	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	48.7	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.5	ug/L	109	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041019	**AOCU-GW47-M**	Water	03/02/2011 14:31	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:11	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	25	03/10/2011 18:54	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	**Antimony**	**0.20B**	**1.50**	**0.10**	**mg/L**
7440-38-2	Arsenic	0.063U	0.25	0.063	mg/L
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**1710**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.080B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.32**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**12000**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**1.49**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.12B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**306**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	250	03/10/2011 21:04	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**45600**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041020	**AOCU-GW47-A-M**	Water	03/02/2011 14:31	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:13	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	25	03/10/2011 19:01	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	**Antimony**	**0.11B**	**1.50**	**0.10**	**mg/L**
7440-38-2	Arsenic	0.063U	0.25	0.063	mg/L
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**1630**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.083B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.35**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**11500**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**1.46**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.12B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**292**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	250	03/10/2011 21:11	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**46200**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041021	**AOCU-GW50-M**	Water	03/02/2011 13:31	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:15	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	5	03/08/2011 21:54	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	Antimony	0.020U	0.30	0.020	mg/L
7440-38-2	**Arsenic**	**0.073**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**2620**	**0.50**	**0.13**	**mg/L**
7440-47-3	Chromium	0.0017U	0.050	0.0017	mg/L
7440-48-4	**Cobalt**	**0.0030B**	**0.050**	**0.0020**	**mg/L**
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**4410**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.32**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.032B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**134**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	50	03/10/2011 21:18	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**16000**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041022	**AOCU-GW52-M**	Water	03/02/2011 14:16	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	2	03/09/2011 11:21	AJW	452102

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.00016U	0.00040	0.00016	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	25	03/08/2011 16:17	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	Antimony	0.10U	1.50	0.10	mg/L
7440-38-2	Arsenic	0.063U	0.25	0.063	mg/L
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**805**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.033B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.15B**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**7740**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**1.28**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.050B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**213**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	250	03/17/2011 13:40	BNB	452662

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**42300**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041023	**AOCU-GW52-M-MS**	Water	03/02/2011 14:16	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	2	03/09/2011 11:23	AJW	452102

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	**Mercury**	**0.00316**	**0.00040**	**0.00016**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	25	03/08/2011 16:24	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	**Aluminum**	**4.41B**	**5.00**	**1.10**	**mg/L**
7440-36-0	**Antimony**	**0.60B**	**1.50**	**0.10**	**mg/L**
7440-38-2	**Arsenic**	**0.53**	**0.25**	**0.063**	**mg/L**
7440-39-3	**Barium**	**0.43**	**0.25**	**0.0028**	**mg/L**
7440-41-7	**Beryllium**	**0.45**	**0.13**	**0.0029**	**mg/L**
7440-43-9	**Cadmium**	**0.43**	**0.13**	**0.0028**	**mg/L**
7440-70-2	**Calcium**	**793**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.47**	**0.25**	**0.0086**	**mg/L**
7440-48-4	**Cobalt**	**0.44**	**0.25**	**0.0099**	**mg/L**
7440-50-8	**Copper**	**1.06**	**0.25**	**0.034**	**mg/L**
7439-89-6	**Iron**	**4.22**	**2.50**	**0.94**	**mg/L**
7439-92-1	**Lead**	**0.36B**	**0.38**	**0.035**	**mg/L**
7439-95-4	**Magnesium**	**7630**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**1.76**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.62B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**217**	**12.5**	**1.32**	**mg/L**
7782-49-2	**Selenium**	**0.42B**	**1.00**	**0.11**	**mg/L**
7440-22-4	**Silver**	**0.46**	**0.25**	**0.015**	**mg/L**
7440-28-0	**Thallium**	**0.34B**	**0.50**	**0.044**	**mg/L**
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	**Zinc**	**0.62**	**0.50**	**0.068**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	250	03/17/2011 13:47	BNB	452662

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**43900**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041024	**AOCU-GW52-M-MSD**	Water	03/02/2011 14:16	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	2	03/09/2011 11:24	AJW	452102

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	**Mercury**	**0.00326**	**0.00040**	**0.00016**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	25	03/08/2011 16:31	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	**Aluminum**	**5.03**	**5.00**	**1.10**	**mg/L**
7440-36-0	**Antimony**	**0.62B**	**1.50**	**0.10**	**mg/L**
7440-38-2	**Arsenic**	**0.56**	**0.25**	**0.063**	**mg/L**
7440-39-3	**Barium**	**0.43**	**0.25**	**0.0028**	**mg/L**
7440-41-7	**Beryllium**	**0.45**	**0.13**	**0.0029**	**mg/L**
7440-43-9	**Cadmium**	**0.44**	**0.13**	**0.0028**	**mg/L**
7440-70-2	**Calcium**	**868**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.46**	**0.25**	**0.0086**	**mg/L**
7440-48-4	**Cobalt**	**0.45**	**0.25**	**0.0099**	**mg/L**
7440-50-8	**Copper**	**1.03**	**0.25**	**0.034**	**mg/L**
7439-89-6	**Iron**	**4.56**	**2.50**	**0.94**	**mg/L**
7439-92-1	**Lead**	**0.38**	**0.38**	**0.035**	**mg/L**
7439-95-4	**Magnesium**	**8290**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**1.66**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.63B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**244**	**12.5**	**1.32**	**mg/L**
7782-49-2	**Selenium**	**0.44B**	**1.00**	**0.11**	**mg/L**
7440-22-4	**Silver**	**0.45**	**0.25**	**0.015**	**mg/L**
7440-28-0	**Thallium**	**0.37B**	**0.50**	**0.044**	**mg/L**
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	**Zinc**	**0.59**	**0.50**	**0.068**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	250	03/17/2011 13:55	BNB	452662

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**41900**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041025	**AOCU-GW54-M**	Water	03/02/2011 13:11	03/04/2011 09:10

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451809	SW-846 7470A Dissolved	1	03/07/2011 18:19	BNB	451556

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	100	03/10/2011 21:25	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**46300**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/04/2011 11:35	451808	SW-846 3005 Dissolved	25	03/11/2011 10:00	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	Antimony	0.10U	1.50	0.10	mg/L
7440-38-2	Arsenic	0.063U	0.25	0.063	mg/L
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**869**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.069B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.34**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**10700**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**8.38**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.095B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**251**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041026	**AOCU-GW39-M**	Water	03/03/2011 10:16	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	1	03/09/2011 13:41	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	25	03/10/2011 16:31	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	**Antimony**	**0.12B**	**1.50**	**0.10**	**mg/L**
7440-38-2	**Arsenic**	**0.070B**	**0.25**	**0.063**	**mg/L**
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**860**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.072B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.23B**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**11600**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**2.24**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.092B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**231**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	250	03/10/2011 21:33	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**48800**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041027	**AOCU-GW43-M**	Water	03/03/2011 09:56	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	1	03/09/2011 13:46	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	25	03/10/2011 17:06	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	**Antimony**	**0.17B**	**1.50**	**0.10**	**mg/L**
7440-38-2	Arsenic	0.063U	0.25	0.063	mg/L
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**555**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.063B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.42**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**5900**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**0.48**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.062B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**151**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	**Vanadium**	**0.30B**	**0.50**	**0.020**	**mg/L**
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	250	03/10/2011 21:40	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**48700**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041028	**AOCU-GW45-M**	Water	03/03/2011 08:51	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	1	03/09/2011 13:48	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	100	03/10/2011 21:47	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**33300**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	20	03/11/2011 09:17	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.88U	4.00	0.88	mg/L
7440-36-0	**Antimony**	**0.16B**	**1.20**	**0.081**	**mg/L**
7440-38-2	Arsenic	0.051U	0.20	0.051	mg/L
7440-39-3	Barium	0.0022U	0.20	0.0022	mg/L
7440-41-7	Beryllium	0.0023U	0.10	0.0023	mg/L
7440-43-9	Cadmium	0.0022U	0.10	0.0022	mg/L
7440-70-2	**Calcium**	**1920**	**2.00**	**0.51**	**mg/L**
7440-47-3	**Chromium**	**0.059B**	**0.20**	**0.0069**	**mg/L**
7440-48-4	Cobalt	0.0079U	0.20	0.0079	mg/L
7440-50-8	**Copper**	**0.26**	**0.20**	**0.027**	**mg/L**
7439-89-6	Iron	0.75U	2.00	0.75	mg/L
7439-92-1	Lead	0.028U	0.30	0.028	mg/L
7439-95-4	**Magnesium**	**8860**	**2.00**	**0.29**	**mg/L**
7439-96-5	**Manganese**	**1.13**	**0.30**	**0.025**	**mg/L**
7440-02-0	**Nickel**	**0.093B**	**0.80**	**0.019**	**mg/L**
7440-09-7	**Potassium**	**195**	**10.0**	**1.05**	**mg/L**
7782-49-2	Selenium	0.087U	0.80	0.087	mg/L
7440-22-4	Silver	0.012U	0.20	0.012	mg/L
7440-28-0	Thallium	0.035U	0.40	0.035	mg/L
7440-62-2	Vanadium	0.016U	0.40	0.016	mg/L
7440-66-6	Zinc	0.054U	0.40	0.054	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103041029	**AOCU-GW41-M**	Water	03/03/2011 09:01	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	1	03/09/2011 13:49	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	100	03/10/2011 21:54	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**39900**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	20	03/11/2011 09:25	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.88U	4.00	0.88	mg/L
7440-36-0	**Antimony**	**0.087B**	**1.20**	**0.081**	**mg/L**
7440-38-2	**Arsenic**	**0.053B**	**0.20**	**0.051**	**mg/L**
7440-39-3	Barium	0.0022U	0.20	0.0022	mg/L
7440-41-7	Beryllium	0.0023U	0.10	0.0023	mg/L
7440-43-9	Cadmium	0.0022U	0.10	0.0022	mg/L
7440-70-2	**Calcium**	**1310**	**2.00**	**0.51**	**mg/L**
7440-47-3	**Chromium**	**0.058B**	**0.20**	**0.0069**	**mg/L**
7440-48-4	Cobalt	0.0079U	0.20	0.0079	mg/L
7440-50-8	**Copper**	**0.24**	**0.20**	**0.027**	**mg/L**
7439-89-6	Iron	0.75U	2.00	0.75	mg/L
7439-92-1	Lead	0.028U	0.30	0.028	mg/L
7439-95-4	**Magnesium**	**9910**	**2.00**	**0.29**	**mg/L**
7439-96-5	**Manganese**	**1.47**	**0.30**	**0.025**	**mg/L**
7440-02-0	**Nickel**	**0.11B**	**0.80**	**0.019**	**mg/L**
7440-09-7	**Potassium**	**238**	**10.0**	**1.05**	**mg/L**
7782-49-2	Selenium	0.087U	0.80	0.087	mg/L
7440-22-4	Silver	0.012U	0.20	0.012	mg/L
7440-28-0	Thallium	0.035U	0.40	0.035	mg/L
7440-62-2	Vanadium	0.016U	0.40	0.016	mg/L
7440-66-6	Zinc	0.054U	0.40	0.054	mg/L

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901		**Client ID**	MB451901			LCS451901			LCSD451901		
Prep Batch N/A		**GCAL ID**	926638			926639			926640		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 22:11			03/06/2011 20:31			03/06/2011 21:02		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		0.322U	0.322	50.0	33.6	67	59 - 134	43.7	87	26	30
107-02-8	Acrolein		2.49U	2.49	250	213	85	33 - 157	253	101	17	30
107-13-1	Acrylonitrile		1.62U	1.62	250	212	85	62 - 124	252	101	17	30
74-97-5	Bromochloromethane		0.238U	0.238	50.0	45.7	91	78 - 112	47.2	94	3	30
75-27-4	Bromodichloromethane		0.071U	0.071	50.0	53.1	106	76 - 116	49.9	100	6	30
75-25-2	Bromoform		0.278U	0.278	50.0	46.6	93	68 - 128	51.3	103	10	30
74-83-9	Bromomethane		0.276U	0.276	50.0	51.3	103	55 - 151	59.1	118	14	30
75-15-0	Carbon disulfide		0.190U	0.190	50.0	52.8	106	67 - 147	52.6	105	0.4	30
56-23-5	Carbon tetrachloride		0.056U	0.056	50.0	54.7	109	74 - 139	50.8	102	7	30
75-00-3	Chloroethane		0.279U	0.279	50.0	52.7	105	54 - 166	53.9	108	2	30
136777-61-2	m,p-Xylene		0.099U	0.099	100	101	101	83 - 121	99.4	99	2	30
67-66-3	Chloroform		0.062U	0.062	50.0	49.5	99	85 - 123	48.2	96	3	30
74-87-3	Chloromethane		0.076U	0.076	50.0	51.7	103	55 - 173	53.6	107	4	30
124-48-1	Dibromochloromethane		0.133U	0.133	50.0	49.3	99	74 - 116	49.5	99	0.4	30
74-95-3	Dibromomethane		0.197U	0.197	50.0	52.1	104	81 - 116	51.8	104	0.6	30
75-71-8	Dichlorodifluoromethane		0.088U	0.088	50.0	53.9	108	34 - 158	52.5	105	3	30
75-34-3	1,1-Dichloroethane		0.064U	0.064	50.0	53.6	107	82 - 127	54.1	108	0.9	30
107-06-2	1,2-Dichloroethane		0.121U	0.121	50.0	52.9	106	76 - 122	52.3	105	1	30
156-59-2	cis-1,2-Dichloroethene		0.104U	0.104	50.0	52.3	105	81 - 114	51.1	102	2	30
156-60-5	trans-1,2-Dichloroethene		0.096U	0.096	50.0	53.7	107	82 - 126	52.6	105	2	30
75-09-2	Methylene chloride		0.102U	0.102	50.0	50.3	101	69 - 125	50.1	100	0.4	30
78-87-5	1,2-Dichloropropane		0.114U	0.114	50.0	52.1	104	81 - 120	52.3	105	0.4	30
10061-01-5	cis-1,3-Dichloropropene		0.105U	0.105	50.0	51.3	103	83 - 119	51.4	103	0.2	30
10061-02-6	trans-1,3-Dichloropropene		0.068U	0.068	50.0	49.3	99	87 - 123	49.8	100	1	30
100-41-4	Ethylbenzene		0.180U	0.180	50.0	51.3	103	87 - 118	49.8	100	3	30
97-63-2	Ethyl methacrylate		0.340U	0.340								
591-78-6	2-Hexanone		0.302U	0.302	50.0	33.3	67	58 - 125	43.3	87	26	30
98-82-8	Isopropylbenzene (Cumene)		0.058U	0.058	50.0	51.2	102	87 - 131	50.1	100	2	30
78-93-3	2-Butanone		0.235U	0.235	50.0	36.9	74	61 - 127	47.4	95	25	30
74-88-4	Methyl iodide		0.097U	0.097	50.0	48.7	97	72 - 125	52.0	104	7	30
108-10-1	4-Methyl-2-pentanone		0.142U	0.142	50.0	39.9	80	62 - 125	49.0	98	20	30
103-65-1	n-Propylbenzene		0.069U	0.069	50.0	51.9	104	86 - 125	51.1	102	2	30
100-42-5	Styrene		0.058U	0.058	50.0	48.4	97	78 - 118	49.8	100	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901		**Client ID**	MB451901			LCS451901			LCSD451901		
Prep Batch N/A		**GCAL ID**	926638			926639			926640		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 22:11			03/06/2011 20:31			03/06/2011 21:02		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
127-18-4	Tetrachloroethene	0.210U	0.210		50.0	49.8	100	80 - 131	47.6	95	5	30
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	0.150		50.0	48.1	96	81 - 119	45.8	92	5	30
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	0.112		50.0	44.3	89	71 - 120	50.7	101	13	30
120-82-1	1,2,4-Trichlorobenzene	0.138U	0.138		50.0	47.6	95	68 - 123	49.2	98	3	30
71-55-6	1,1,1-Trichloroethane	0.078U	0.078		50.0	53.1	106	79 - 133	50.4	101	5	30
79-00-5	1,1,2-Trichloroethane	0.179U	0.179		50.0	46.1	92	80 - 114	48.5	97	5	30
75-69-4	Trichlorofluoromethane	0.094U	0.094		50.0	56.7	113	66 - 156	54.9	110	3	30
96-18-4	1,2,3-Trichloropropane	0.063U	0.063		50.0	42.1	84	77 - 115	50.9	102	19	30
95-63-6	1,2,4-Trimethylbenzene	0.080U	0.080		50.0	51.1	102	82 - 120	50.1	100	2	30
108-67-8	1,3,5-Trimethylbenzene	0.053U	0.053		50.0	51.1	102	83 - 123	49.7	99	3	30
75-01-4	Vinyl chloride	0.104U	0.104		50.0	54.3	109	57 - 153	57.0	114	5	30
95-47-6	o-Xylene	0.077U	0.077		50.0	48.0	96	83 - 121	48.5	97	1	30
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	0.082		50.0	37.7	75	61 - 118	48.0	96	24	30
106-93-4	1,2-Dibromoethane	0.169U	0.169		50.0	45.0	90	80 - 115	47.0	94	4	30
80-62-6	Methyl methacrylate	0.606U	0.606									
107-12-0	Propionitrile	3.06U	3.06									
108-05-4	Vinyl acetate	0.197U	0.197		50.0	43.2	86	38 - 159	48.3	97	11	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	0.084		50.0	50.1	100	75 - 116	52.4	105	4	30
99-87-6	4-Isopropyltoluene	0.175U	0.175		50.0	52.7	105	83 - 125	51.0	102	3	30
110-54-3	n-Hexane	0.126U	0.126		50.0	59.7	119	71 - 134	56.7	113	5	30
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	0.429		50.0	44.8	90	51 - 137	53.1	106	17	30
594-20-7	2,2-Dichloropropane	0.112U	0.112		50.0	52.4	105	77 - 138	48.8	98	7	30
76-13-1	Trichlorotrifluoroethane	0.141U	0.141		50.0	56.5	113	74 - 139	55.8	112	1	30
563-58-6	1,1-Dichloropropene	0.071U	0.071		50.0	53.7	107	87 - 127	51.4	103	4	30
110-75-8	2-Chloroethylvinyl ether	1.20U	1.20		50.0	51.6	103	63 - 125	49.4	99	4	30
142-28-9	1,3-Dichloropropane	0.113U	0.113		50.0	49.6	99	81 - 113	50.3	101	1	30
108-86-1	Bromobenzene	0.095U	0.095		50.0	47.7	95	83 - 115	48.6	97	2	30
95-49-8	2-Chlorotoluene	0.090U	0.090		50.0	50.2	100	81 - 121	51.4	103	2	30
106-43-4	4-Chlorotoluene	0.046U	0.046		50.0	49.0	98	84 - 120	49.9	100	2	30
98-06-6	tert-Butylbenzene	0.058U	0.058		50.0	51.9	104	83 - 126	51.0	102	2	30
135-98-8	sec-Butylbenzene	0.088U	0.088		50.0	53.0	106	86 - 127	50.9	102	4	30
541-73-1	1,3-Dichlorobenzene	0.080U	0.080		50.0	48.7	97	86 - 115	48.4	97	0.6	30
106-46-7	1,4-Dichlorobenzene	0.058U	0.058		50.0	47.4	95	87 - 113	49.0	98	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901		**Client ID**	MB451901			LCS451901			LCSD451901		
Prep Batch N/A		**GCAL ID**	926638			926639			926640		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/06/2011 22:11			03/06/2011 20:31			03/06/2011 21:02		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
104-51-8	n-Butylbenzene		0.068U	0.068	50.0	55.1	110	84 - 124	51.7	103	6	30
95-50-1	1,2-Dichlorobenzene		0.086U	0.086	50.0	48.1	96	85 - 115	50.0	100	4	30
87-68-3	Hexachlorobutadiene		0.347U	0.347	50.0	51.8	104	71 - 133	50.6	101	2	30
91-20-3	Naphthalene		0.175U	0.175	50.0	42.4	85	59 - 125	47.6	95	12	35
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	48.2	96	64 - 126	50.7	101	5	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	54.1	108	87 - 128	52.1	104	4	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	52.6	105	75 - 133	52.9	106	0.6	20
71-43-2	Benzene		0.049U	0.049	50.0	51.0	102	83 - 124	50.5	101	1	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	50.3	101	85 - 124	49.5	99	2	20
108-88-3	Toluene		0.078U	0.078	50.0	49.0	98	86 - 116	48.0	96	2	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	47.8	96	87 - 115	47.0	94	2	20
Surrogate												
460-00-4	4-Bromofluorobenzene		47.6	95	50	48.6	97	84 - 120	48	96		
1868-53-7	Dibromofluoromethane		48.1	96	50	51.5	103	87 - 116	51.4	103		
2037-26-5	Toluene d8		48.5	97	50	46.6	93	86 - 112	47.9	96		
17060-07-0	1,2-Dichloroethane-d4		53.7	107	50	52.2	104	76 - 127	52.8	106		

Analytical Batch 451901		**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD		
Prep Batch N/A		**GCAL ID**	21103041002			21103041004			21103041005		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 22:34			03/06/2011 22:58			03/06/2011 23:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
630-20-6	1,1,1,2-Tetrachloroethane		0.00	0.150	50.0	44.3	89	81 - 119	45.5	91	3	10
71-55-6	1,1,1-Trichloroethane		0.00	0.078	50.0	48.1	96	79 - 133	47.6	95	1	11
79-34-5	1,1,2,2-Tetrachloroethane		0.00	0.112	50.0	64.2	**128***	71 - 120	65.8	**132***	2	11
79-00-5	1,1,2-Trichloroethane		0.00	0.179	50.0	49.8	100	80 - 114	53.1	106	6	11

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901	**Client ID**	AOCU-GW52	AOCU-GW52-MS	AOCU-GW52-MSD
Prep Batch N/A	**GCAL ID**	21103041002	21103041004	21103041005
	Sample Type	SAMPLE	MS	MSD
	Analytical Date	03/06/2011 22:34	03/06/2011 22:58	03/06/2011 23:20
	Matrix	Water	Water	Water

SW-846 8260B Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
75-34-3	1,1-Dichloroethane	0.00	0.064	50.0	54.2	108	82 - 127	54.7	109	0.9	10
75-35-4	1,1-Dichloroethene	0.00	0.183	50.0	49.7	99	75 - 133	50.3	101	1	13
563-58-6	1,1-Dichloropropene	0.00	0.071	50.0	46.1	92	87 - 127	48.1	96	4	10
87-61-6	1,2,3-Trichlorobenzene	0.00	0.107	50.0	45.8	92	64 - 126	52.0	104	13	16
96-18-4	1,2,3-Trichloropropane	0.00	0.063	50.0	97.6	**195***	77 - 115	97.5	**195***	0.1	12
120-82-1	1,2,4-Trichlorobenzene	0.00	0.138	50.0	45.9	92	68 - 123	49.9	100	8	11
95-63-6	1,2,4-Trimethylbenzene	0.00	0.080	50.0	46.2	92	82 - 120	47.8	96	3	10
96-12-8	1,2-Dibromo-3-chloropropane	0.00	0.082	50.0	81.9	**164***	61 - 118	86.6	**173***	6	15
106-93-4	1,2-Dibromoethane	0.00	0.169	50.0	52.0	104	80 - 115	53.1	106	2	10
95-50-1	1,2-Dichlorobenzene	0.00	0.086	50.0	46.4	93	85 - 115	48.7	97	5	9
107-06-2	1,2-Dichloroethane	0.00	0.121	50.0	52.6	105	76 - 122	52.9	106	0.6	11
78-87-5	1,2-Dichloropropane	0.00	0.114	50.0	53.8	108	81 - 120	54.3	109	0.9	11
108-67-8	1,3,5-Trimethylbenzene	0.00	0.053	50.0	46.1	92	83 - 123	46.7	93	1	10
541-73-1	1,3-Dichlorobenzene	0.00	0.080	50.0	44.9	90	86 - 115	46.4	93	3	9
142-28-9	1,3-Dichloropropane	0.00	0.113	50.0	52.0	104	81 - 113	54.9	110	5	11
106-46-7	1,4-Dichlorobenzene	0.00	0.058	50.0	44.2	88	87 - 113	46.2	92	4	10
544-10-5	1-Chlorohexane	0.00	0.139	50.0	37.7	**75***	87 - 128	40.1	**80***	6	10
594-20-7	2,2-Dichloropropane	0.00	0.112	50.0	47.4	95	77 - 138	46.7	93	1	12
78-93-3	2-Butanone	0.00	0.235	50.0	85.7	**171***	61 - 127	87.7	**175***	2	13
110-75-8	2-Chloroethylvinyl ether	0.00	1.20	50.0	0.00	**0***	63 - 125	0.00	**0***	0	24
95-49-8	2-Chlorotoluene	0.00	0.090	50.0	45.6	91	81 - 121	46.7	93	2	10
591-78-6	2-Hexanone	0.00	0.302	50.0	92.8	**186***	58 - 125	96.9	**194***	4	14
106-43-4	4-Chlorotoluene	0.00	0.046	50.0	46.7	93	84 - 120	47.3	95	1	10
99-87-6	4-Isopropyltoluene	0.00	0.175	50.0	46.0	92	83 - 125	49.1	98	7	9
108-10-1	4-Methyl-2-pentanone	0.00	0.142	50.0	83.6	**167***	62 - 125	86.8	**174***	4	13
67-64-1	Acetone	0.00	0.322	50.0	62.4	125	59 - 134	62.2	124	0.3	14
107-02-8	Acrolein	0.00	2.49	250	344	138	33 - 157	321	128	7	21
107-13-1	Acrylonitrile	0.00	1.62	250	349	**140***	62 - 124	345	**138***	1	13
71-43-2	Benzene	0.00	0.049	50.0	49.0	98	83 - 124	49.8	100	2	11
108-86-1	Bromobenzene	0.00	0.095	50.0	46.9	94	83 - 115	49.2	98	5	10
74-97-5	Bromochloromethane	0.00	0.238	50.0	44.0	88	78 - 112	47.8	96	8	10
75-27-4	Bromodichloromethane	0.00	0.071	50.0	48.9	98	76 - 116	50.9	102	4	10
75-25-2	Bromoform	0.00	0.278	50.0	54.0	108	68 - 128	55.8	112	3	11

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901		**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD		
Prep Batch N/A		**GCAL ID**	21103041002			21103041004			21103041005		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 22:34			03/06/2011 22:58			03/06/2011 23:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	ug/L								
		Result	**RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
74-83-9	Bromomethane	0.00	0.276	50.0	47.6	95	55 - 151	51.2	102	7	21
75-15-0	Carbon disulfide	0.00	0.190	50.0	47.4	95	67 - 147	49.4	99	4	12
56-23-5	Carbon tetrachloride	0.00	0.056	50.0	48.1	96	74 - 139	49.7	99	3	13
108-90-7	Chlorobenzene	0.00	0.055	50.0	42.2	**84***	87 - 115	44.7	89	6	9
75-00-3	Chloroethane	0.00	0.279	50.0	17.4	**35***	54 - 166	17.1	**34***	2	20
67-66-3	Chloroform	0.00	0.062	50.0	47.2	94	85 - 123	46.4	93	2	10
74-87-3	Chloromethane	0.00	0.076	50.0	48.8	98	55 - 173	56.2	112	14	22
124-48-1	Dibromochloromethane	0.00	0.133	50.0	50.1	100	74 - 116	52.7	105	5	11
74-95-3	Dibromomethane	0.00	0.197	50.0	51.4	103	81 - 116	53.6	107	4	10
75-71-8	Dichlorodifluoromethane	0.00	0.088	50.0	50.3	101	34 - 158	49.9	100	0.8	22
100-41-4	Ethylbenzene	0.00	0.180	50.0	43.2	**86***	87 - 118	45.7	91	6	10
87-68-3	Hexachlorobutadiene	0.00	0.347	50.0	53.1	106	71 - 133	56.5	113	6	12
98-82-8	Isopropylbenzene (Cumene)	0.00	0.058	50.0	42.0	**84***	87 - 131	44.1	88	5	10
74-88-4	Methyl iodide	0.00	0.097	50.0	42.3	85	72 - 125	48.9	98	**14***	11
75-09-2	Methylene chloride	0.00	0.102	50.0	48.9	98	69 - 125	49.4	99	1	11
91-20-3	Naphthalene	0.00	0.175	50.0	48.4	97	59 - 125	58.5	117	**19***	15
100-42-5	Styrene	0.00	0.058	50.0	44.3	89	78 - 118	45.7	91	3	11
127-18-4	Tetrachloroethene	0.00	0.210	50.0	42.3	85	80 - 131	43.7	87	3	12
108-88-3	Toluene	0.00	0.078	50.0	45.9	92	86 - 116	46.5	93	1	10
79-01-6	Trichloroethene	0.00	0.094	50.0	45.6	91	85 - 124	46.6	93	2	10
75-69-4	Trichlorofluoromethane	0.00	0.094	50.0	49.7	99	66 - 156	51.4	103	3	15
76-13-1	Trichlorotrifluoroethane	0.00	0.141	50.0	48.3	97	74 - 139	48.6	97	0.6	13
108-05-4	Vinyl acetate	0.00	0.197	50.0	57.7	115	38 - 159	57.1	114	1	11
75-01-4	Vinyl chloride	0.00	0.104	50.0	52.7	105	57 - 153	55.6	111	5	22
156-59-2	cis-1,2-Dichloroethene	0.00	0.104	50.0	51.0	102	81 - 114	51.4	103	0.8	10
10061-01-5	cis-1,3-Dichloropropene	0.00	0.105	50.0	49.2	98	83 - 119	51.1	102	4	10
136777-61-2	m,p-Xylene	0.00	0.099	100	84.1	84	83 - 121	89.0	89	6	10
104-51-8	n-Butylbenzene	0.00	0.068	50.0	50.0	100	84 - 124	53.6	107	7	10
110-54-3	n-Hexane	0.00	0.126	50.0	44.4	89	71 - 134	43.8	88	1	11
103-65-1	n-Propylbenzene	0.00	0.069	50.0	45.7	91	86 - 125	47.9	96	5	10
95-47-6	o-Xylene	0.00	0.077	50.0	42.7	85	83 - 121	45.2	90	6	10
135-98-8	sec-Butylbenzene	0.00	0.088	50.0	47.3	95	86 - 127	49.5	99	5	10
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	0.084	50.0	52.8	106	75 - 116	54.6	109	3	10

GC/MS Volatiles Quality Control Summary

Analytical Batch 451901		**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD		
Prep Batch N/A		**GCAL ID**	21103041002			21103041004			21103041005		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/06/2011 22:34			03/06/2011 22:58			03/06/2011 23:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
98-06-6	tert-Butylbenzene		0.00	0.058	50.0	47.3	95	83 - 126	47.5	95	0.4	10
156-60-5	trans-1,2-Dichloroethene		0.00	0.096	50.0	51.2	102	82 - 126	51.2	102	0	10
10061-02-6	trans-1,3-Dichloropropene		0.00	0.068	50.0	50.2	100	87 - 123	53.1	106	6	10
110-57-6	trans-1,4-Dichloro-2-butene		0.00	0.429	50.0	165	**330***	51 - 137	158	**316***	4	24
Surrogate												
460-00-4	4-Bromofluorobenzene		43.2	86	50	47.8	96	84 - 120	47.9	96		
1868-53-7	Dibromofluoromethane		49.8	100	50	51.5	103	87 - 116	51.2	102		
2037-26-5	Toluene d8		50.6	101	50	50.5	101	86 - 112	49.9	100		
17060-07-0	1,2-Dichloroethane-d4		53.6	107	50	55.4	111	76 - 127	52.6	105		

Analytical Batch 451920		**Client ID**	MB451920			LCS451920			LCSD451920		
Prep Batch N/A		**GCAL ID**	926762			926763			926764		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/07/2011 09:52			03/07/2011 08:14			03/07/2011 08:50		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		0.322U	0.322	50.0	56.0	112	59 - 134	54.6	109	3	30
107-02-8	Acrolein		2.49U	2.49	250	360	144	33 - 157	365	146	1	30
107-13-1	Acrylonitrile		1.62U	1.62	250	462	**185***	62 - 124	491	**196***	6	30
74-97-5	Bromochloromethane		0.238U	0.238	50.0	42.2	84	78 - 112	43.3	87	3	30
75-27-4	Bromodichloromethane		0.071U	0.071	50.0	45.7	91	76 - 116	45.3	91	0.9	30
75-25-2	Bromoform		0.278U	0.278	50.0	49.4	99	68 - 128	50.2	100	2	30
74-83-9	Bromomethane		0.276U	0.276	50.0	53.9	108	55 - 151	53.6	107	0.6	30
75-15-0	Carbon disulfide		0.190U	0.190	50.0	51.0	102	67 - 147	49.5	99	3	30
56-23-5	Carbon tetrachloride		0.056U	0.056	50.0	51.5	103	74 - 139	48.4	97	6	30
75-00-3	Chloroethane		0.279U	0.279	50.0	51.2	102	54 - 166	51.8	104	1	30
136777-61-2	m,p-Xylene		0.099U	0.099	100	99.1	99	83 - 121	94.5	95	5	30
67-66-3	Chloroform		0.062U	0.062	50.0	45.4	91	85 - 123	44.4	89	2	30
74-87-3	Chloromethane		0.076U	0.076	50.0	50.5	101	55 - 173	50.9	102	0.8	30
124-48-1	Dibromochloromethane		0.133U	0.133	50.0	48.7	97	74 - 116	47.7	95	2	30
74-95-3	Dibromomethane		0.197U	0.197	50.0	48.0	96	81 - 116	48.6	97	1	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451920		**Client ID**	MB451920			LCS451920			LCSD451920		
Prep Batch N/A		**GCAL ID**	926762			926763			926764		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/07/2011 09:52			03/07/2011 08:14			03/07/2011 08:50		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
75-71-8	Dichlorodifluoromethane		0.088U	0.088	50.0	52.2	104	34 - 158	49.4	99	6	30
75-34-3	1,1-Dichloroethane		0.064U	0.064	50.0	50.4	101	82 - 127	48.8	98	3	30
107-06-2	1,2-Dichloroethane		0.121U	0.121	50.0	49.2	98	76 - 122	47.9	96	3	30
156-59-2	cis-1,2-Dichloroethene		0.104U	0.104	50.0	49.4	99	81 - 114	46.7	93	6	30
156-60-5	trans-1,2-Dichloroethene		0.096U	0.096	50.0	50.9	102	82 - 126	49.7	99	2	30
75-09-2	Methylene chloride		0.102U	0.102	50.0	48.8	98	69 - 125	46.7	93	4	30
78-87-5	1,2-Dichloropropane		0.114U	0.114	50.0	47.8	96	81 - 120	47.3	95	1	30
10061-01-5	cis-1,3-Dichloropropene		0.105U	0.105	50.0	47.2	94	83 - 119	44.9	90	5	30
10061-02-6	trans-1,3-Dichloropropene		0.068U	0.068	50.0	47.8	96	87 - 123	47.9	96	0.2	30
100-41-4	Ethylbenzene		0.180U	0.180	50.0	48.4	97	87 - 118	48.2	96	0.4	30
97-63-2	Ethyl methacrylate		0.340U	0.340								
591-78-6	2-Hexanone		0.302U	0.302	50.0	47.2	94	58 - 125	49.2	98	4	30
98-82-8	Isopropylbenzene (Cumene)		0.058U	0.058	50.0	51.6	103	87 - 131	47.7	95	8	30
78-93-3	2-Butanone		0.235U	0.235	50.0	50.3	101	61 - 127	52.4	105	4	30
74-88-4	Methyl iodide		0.097U	0.097	50.0	43.2	86	72 - 125	43.2	86	0	30
108-10-1	4-Methyl-2-pentanone		0.142U	0.142	50.0	45.8	92	62 - 125	48.7	97	6	30
103-65-1	n-Propylbenzene		0.069U	0.069	50.0	51.3	103	86 - 125	51.0	102	0.6	30
100-42-5	Styrene		0.058U	0.058	50.0	48.2	96	78 - 118	47.5	95	1	30
127-18-4	Tetrachloroethene		0.210U	0.210	50.0	47.6	95	80 - 131	46.4	93	3	30
630-20-6	1,1,1,2-Tetrachloroethane		0.150U	0.150	50.0	44.9	90	81 - 119	44.4	89	1	30
79-34-5	1,1,2,2-Tetrachloroethane		0.112U	0.112	50.0	47.1	94	71 - 120	48.8	98	4	30
120-82-1	1,2,4-Trichlorobenzene		0.138U	0.138	50.0	49.8	100	68 - 123	50.7	101	2	30
71-55-6	1,1,1-Trichloroethane		0.078U	0.078	50.0	49.7	99	79 - 133	46.8	94	6	30
79-00-5	1,1,2-Trichloroethane		0.179U	0.179	50.0	46.9	94	80 - 114	46.0	92	2	30
75-69-4	Trichlorofluoromethane		0.094U	0.094	50.0	55.7	111	66 - 156	53.3	107	4	30
96-18-4	1,2,3-Trichloropropane		0.063U	0.063	50.0	47.8	96	77 - 115	49.1	98	3	30
95-63-6	1,2,4-Trimethylbenzene		0.080U	0.080	50.0	49.9	100	82 - 120	48.9	98	2	30
108-67-8	1,3,5-Trimethylbenzene		0.053U	0.053	50.0	49.0	98	83 - 123	48.7	97	0.6	30
75-01-4	Vinyl chloride		0.104U	0.104	50.0	53.0	106	57 - 153	51.4	103	3	30
95-47-6	o-Xylene		0.077U	0.077	50.0	48.6	97	83 - 121	46.0	92	5	30
96-12-8	1,2-Dibromo-3-chloropropane		0.082U	0.082	50.0	44.1	88	61 - 118	47.0	94	6	30
106-93-4	1,2-Dibromoethane		0.169U	0.169	50.0	44.8	90	80 - 115	46.7	93	4	30
80-62-6	Methyl methacrylate		0.606U	0.606								

GC/MS Volatiles Quality Control Summary

Analytical Batch 451920		**Client ID**	MB451920			LCS451920			LCSD451920		
Prep Batch N/A		**GCAL ID**	926762			926763			926764		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/07/2011 09:52			03/07/2011 08:14			03/07/2011 08:50		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
107-12-0	Propionitrile		3.06U	3.06								
108-05-4	Vinyl acetate		0.197U	0.197	50.0	55.7	111	38 - 159	55.4	111	0.5	30
1634-04-4	tert-Butyl methyl ether (MTBE)		0.084U	0.084	50.0	48.1	96	75 - 116	50.0	100	4	30
99-87-6	4-Isopropyltoluene		0.175U	0.175	50.0	52.8	106	83 - 125	50.6	101	4	30
110-54-3	n-Hexane		0.126U	0.126	50.0	60.0	120	71 - 134	60.5	121	0.8	30
110-57-6	trans-1,4-Dichloro-2-butene		0.429U	0.429	50.0	49.1	98	51 - 137	50.8	102	3	30
594-20-7	2,2-Dichloropropane		0.112U	0.112	50.0	47.8	96	77 - 138	45.1	90	6	30
76-13-1	Trichlorotrifluoroethane		0.141U	0.141	50.0	57.9	116	74 - 139	54.4	109	6	30
563-58-6	1,1-Dichloropropene		0.071U	0.071	50.0	49.5	99	87 - 127	49.0	98	1	30
110-75-8	2-Chloroethylvinyl ether		1.20U	1.20	50.0	49.2	98	63 - 125	50.4	101	2	30
142-28-9	1,3-Dichloropropane		0.113U	0.113	50.0	48.4	97	81 - 113	48.4	97	0	30
108-86-1	Bromobenzene		0.095U	0.095	50.0	44.6	89	83 - 115	47.0	94	5	30
95-49-8	2-Chlorotoluene		0.090U	0.090	50.0	49.3	99	81 - 121	48.7	97	1	30
106-43-4	4-Chlorotoluene		0.046U	0.046	50.0	49.0	98	84 - 120	48.6	97	0.8	30
98-06-6	tert-Butylbenzene		0.058U	0.058	50.0	51.9	104	83 - 126	51.3	103	1	30
135-98-8	sec-Butylbenzene		0.088U	0.088	50.0	53.2	106	86 - 127	50.5	101	5	30
541-73-1	1,3-Dichlorobenzene		0.080U	0.080	50.0	45.7	91	86 - 115	46.0	92	0.7	30
106-46-7	1,4-Dichlorobenzene		0.058U	0.058	50.0	48.1	96	87 - 113	46.4	93	4	30
104-51-8	n-Butylbenzene		0.068U	0.068	50.0	57.2	114	84 - 124	53.4	107	7	30
95-50-1	1,2-Dichlorobenzene		0.086U	0.086	50.0	48.7	97	85 - 115	46.5	93	5	30
87-68-3	Hexachlorobutadiene		0.347U	0.347	50.0	58.3	117	71 - 133	53.2	106	9	30
91-20-3	Naphthalene		0.175U	0.175	50.0	46.2	92	59 - 125	48.9	98	6	35
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	49.5	99	64 - 126	51.0	102	3	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	54.4	109	87 - 128	52.3	105	4	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	52.0	104	75 - 133	50.8	102	2	20
71-43-2	Benzene		0.049U	0.049	50.0	48.1	96	83 - 124	47.4	95	1	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	47.9	96	85 - 124	46.6	93	3	20
108-88-3	Toluene		0.078U	0.078	50.0	47.1	94	86 - 116	45.7	91	3	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	45.2	90	87 - 115	45.4	91	0.4	20

GC/MS Volatiles Quality Control Summary

Analytical Batch	451920	**Client ID**	MB451920			LCS451920			LCSD451920			
Prep Batch	N/A	**GCAL ID**	926762			926763			926764			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	03/07/2011 09:52			03/07/2011 08:14			03/07/2011 08:50			
		Matrix	Water			Water			Water			
SW-846 8260B Water		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
Surrogate												
460-00-4	4-Bromofluorobenzene		46	92	50	49.9	100	84 - 120	49.2	98		
1868-53-7	Dibromofluoromethane		48.5	97	50	50.4	101	87 - 116	50.8	102		
2037-26-5	Toluene d8		48.4	97	50	48.9	98	86 - 112	49.2	98		
17060-07-0	1,2-Dichloroethane-d4		50.9	102	50	52.3	105	76 - 127	52.9	106		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452046	**Client ID**	MB451817			LCS451817			LCSD451817		
Prep Batch	451817	**GCAL ID**	926334			926335			926336		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/07/2011 07:05			03/07/2011 07:05			03/07/2011 07:05		
		Analytical Date	03/08/2011 11:34			03/08/2011 11:49			03/08/2011 12:04		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	ug/L		**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Spike Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
208-96-8	Acenaphthylene	0.303U	0.303								
120-12-7	Anthracene	0.316U	0.316								
56-55-3	Benzo(a)anthracene	0.316U	0.316								
92-87-5	Benzidine	3.92U	3.92								
205-99-2	Benzo(b)fluoranthene	0.217U	0.217								
207-08-9	Benzo(k)fluoranthene	0.236U	0.236								
191-24-2	Benzo(g,h,i)perylene	0.215U	0.215								
50-32-8	Benzo(a)pyrene	0.125U	0.125								
65-85-0	Benzoic acid	0.910U	0.910								
85-68-7	Butyl benzyl phthalate	0.165U	0.165								
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	0.290								
111-44-4	Bis(2-Chloroethyl)ether	0.288U	0.288								
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	0.257								
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	0.191								
101-55-3	4-Bromophenyl phenyl ether	0.337U	0.337								
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	0.268								
218-01-9	Chrysene	0.433U	0.433								
53-70-3	Dibenz(a,h)anthracene	0.217U	0.217								
132-64-9	Dibenzofuran	0.227U	0.227								
95-50-1	1,2-Dichlorobenzene	0.259U	0.259								
541-73-1	1,3-Dichlorobenzene	0.274U	0.274								
91-94-1	3,3'-Dichlorobenzidine	0.297U	0.297								
120-83-2	2,4-Dichlorophenol	0.217U	0.217								
84-66-2	Diethyl phthalate	0.303U	0.303								
105-67-9	2,4-Dimethylphenol	0.694U	0.694								
131-11-3	Dimethyl phthalate	0.255U	0.255								
117-84-0	Di-n-octyl phthalate	0.167U	0.167								
51-28-5	2,4-Dinitrophenol	2.60U	2.60								
606-20-2	2,6-Dinitrotoluene	0.352U	0.352								
206-44-0	Fluoranthene	0.267U	0.267								
86-73-7	Fluorene	0.288U	0.288								
118-74-1	Hexachlorobenzene	0.249U	0.249								

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452046	**Client ID**	MB451817			LCS451817			LCSD451817		
Prep Batch	451817	**GCAL ID**	926334			926335			926336		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/07/2011 07:05			03/07/2011 07:05			03/07/2011 07:05		
		Analytical Date	03/08/2011 11:34			03/08/2011 11:49			03/08/2011 12:04		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-68-3	Hexachlorobutadiene	0.192U	0.192									
77-47-4	Hexachlorocyclopentadiene	0.174U	0.174									
67-72-1	Hexachloroethane	0.299U	0.299									
78-59-1	Isophorone	0.380U	0.380									
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	0.157									
91-57-6	2-Methylnaphthalene	0.255U	0.255									
95-48-7	o-Cresol	0.329U	0.329									
91-20-3	Naphthalene	0.293U	0.293									
98-95-3	Nitrobenzene	0.329U	0.329									
88-75-5	2-Nitrophenol	0.357U	0.357									
86-30-6	n-Nitrosodiphenylamine	0.364U	0.364									
85-01-8	Phenanthrene	0.304U	0.304									
95-95-4	2,4,5-Trichlorophenol	0.317U	0.317									
88-06-2	2,4,6-Trichlorophenol	0.275U	0.275									
100-51-6	Benzyl alcohol	0.355U	0.355									
99-09-2	3-Nitroaniline	0.226U	0.226									
100-01-6	4-Nitroaniline	0.221U	0.221									
84-74-2	Di-n-butyl phthalate	0.189U	0.189									
88-74-4	2-Nitroaniline	0.198U	0.198									
91-58-7	2-Chloronaphthalene	0.221U	0.221									
106-47-8	4-Chloroaniline	0.463U	0.463									
1319-77-3MP	m,p-Cresol	0.352U	0.352									
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	1.98									
108-95-2	Phenol	0.150U	0.150		100	31.5	32	13 - 54	29.1	29	8	30
95-57-8	2-Chlorophenol	0.276U	0.276		100	81.8	82	44 - 103	79.2	79	3	30
106-46-7	1,4-Dichlorobenzene	0.255U	0.255		100	79.9	80	40 - 100	80.5	81	0.7	30
621-64-7	n-Nitrosodi-n-propylamine	0.304U	0.304		100	92.2	92	51 - 104	91.4	91	0.9	30
120-82-1	1,2,4-Trichlorobenzene	0.234U	0.234		100	81.2	81	45 - 104	82.3	82	1	30
59-50-7	4-Chloro-3-methylphenol	0.234U	0.234		100	88.4	88	53 - 105	91.1	91	3	30
83-32-9	Acenaphthene	0.268U	0.268		100	90.2	90	58 - 106	88.7	89	2	30
100-02-7	4-Nitrophenol	1.83U	1.83		100	30.1	30	13 - 55	27.2	27	10	30
121-14-2	2,4-Dinitrotoluene	0.263U	0.263		100	95.6	96	60 - 109	99.2	99	4	30

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452046	**Client ID**	MB451817			LCS451817			LCSD451817		
Prep Batch	451817	**GCAL ID**	926334			926335			926336		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/07/2011 07:05			03/07/2011 07:05			03/07/2011 07:05		
		Analytical Date	03/08/2011 11:34			03/08/2011 11:49			03/08/2011 12:04		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-86-5	Pentachlorophenol	0.168U	0.168	100	65.7	66	57 - 118	68.7	69	4	30
129-00-0	Pyrene	0.486U	0.486	100	93.2	93	60 - 113	80.0	80	15	30
Surrogate											
4165-60-0	Nitrobenzene-d5	43.9	88	50	47.4	95	52 - 120	46.4	93		
321-60-8	2-Fluorobiphenyl	40.8	82	50	46.4	93	16 - 128	43.6	87		
1718-51-0	Terphenyl-d14	46.3	93	50	54.3	109	43 - 138	49.5	99		
4165-62-2	Phenol-d5	29.5	30	100	34.3	34	10 - 120	31.9	32		
367-12-4	2-Fluorophenol	49.4	49	100	53.8	54	10 - 120	52.8	53		
118-79-6	2,4,6-Tribromophenol	93.6	94	100	105	105	20 - 120	103	103		

Analytical Batch	452046	**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD		
Prep Batch	451817	**GCAL ID**	21103041002			21103041004			21103041005		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/07/2011 07:05			03/07/2011 07:05			03/07/2011 07:05		
		Analytical Date	03/08/2011 12:49			03/08/2011 13:04			03/08/2011 13:19		
		Matrix	Water			Water			Water		
SW-846 8270C Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	0.00	0.234	100	67.2	67	45 - 104	63.0	63	6	28
106-46-7	1,4-Dichlorobenzene	0.00	0.255	100	65.4	65	40 - 100	61.3	61	6	28
121-14-2	2,4-Dinitrotoluene	0.00	0.263	100	90.5	91	60 - 109	81.6	82	10	20
95-57-8	2-Chlorophenol	0.00	0.276	100	81.4	81	44 - 103	72.7	73	11	29
59-50-7	4-Chloro-3-methylphenol	0.00	0.234	100	86.9	87	53 - 105	79.4	79	9	24
100-02-7	4-Nitrophenol	0.00	1.83	100	37.5	38	13 - 55	32.4	32	15	31
83-32-9	Acenaphthene	0.00	0.268	100	81.3	81	58 - 106	76.0	76	7	21
87-86-5	Pentachlorophenol	0.00	0.168	100	68.9	69	57 - 118	62.2	62	10	26
108-95-2	Phenol	0.00	0.150	100	51.3	51	13 - 54	45.7	46	12	34
129-00-0	Pyrene	0.00	0.486	100	87.2	87	60 - 113	78.8	79	10	20
621-64-7	n-Nitrosodi-n-propylamine	0.00	0.304	100	85.5	86	51 - 104	77.9	78	9	28
Surrogate											
4165-60-0	Nitrobenzene-d5	48.3	97	50	43.6	87	52 - 120	39.2	78		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 452046	**Client ID**	AOCU-GW52	AOCU-GW52-MS	AOCU-GW52-MSD
Prep Batch 451817	**GCAL ID**	21103041002	21103041004	21103041005
Prep Method 3510C	**Sample Type**	SAMPLE	MS	MSD
	Prep Date	03/07/2011 07:05	03/07/2011 07:05	03/07/2011 07:05
	Analytical Date	03/08/2011 12:49	03/08/2011 13:04	03/08/2011 13:19
	Matrix	Water	Water	Water

SW-846 8270C Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
321-60-8	2-Fluorobiphenyl	43.3	87	50	37.2	74	16 - 128	35.5	71		
1718-51-0	Terphenyl-d14	32.4	65	50	41.1	82	43 - 138	42.6	85		
4165-62-2	Phenol-d5	59.6	60	100	55.3	55	10 - 120	49.4	49		
367-12-4	2-Fluorophenol	71.2	71	100	66.9	67	10 - 120	58.6	59		
118-79-6	2,4,6-Tribromophenol	108	108	100	95.6	96	20 - 120	84.7	85		

General Chromatography Quality Control Summary

Analytical Batch	452004	**Client ID**	MB451820			LCS451820			LCSD451820		
Prep Batch	451820	**GCAL ID**	926353			926354			926355		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/05/2011 11:37			03/05/2011 11:37			03/05/2011 11:37		
		Analytical Date	03/07/2011 09:56			03/07/2011 10:14			03/07/2011 10:31		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
GCSV-00-4	Diesel Range Organics	44.2U	44.2	1000	894	89	50 - 150	1020	102	13	40
Surrogate											
84-15-1	o-Terphenyl	46.1	92	50	48.4	97	57 - 115	47.4	95		

Analytical Batch	452004	**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD		
Prep Batch	451820	**GCAL ID**	21103041002			21103041004			21103041005		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/05/2011 11:37			03/05/2011 11:37			03/05/2011 11:37		
		Analytical Date	03/07/2011 11:43			03/07/2011 12:00			03/07/2011 12:18		
		Matrix	Water			Water			Water		
Total Hydrocarbons Diesel Wate		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
GCSV-00-4	Diesel Range Organics	36.1	44.2	1000	885	85	50 - 150	937	90	6	30
Surrogate											
84-15-1	o-Terphenyl	46.9	94	50	43.4	87	57 - 115	46.3	93		

General Chromatography Quality Control Summary

Analytical Batch 452167		**Client ID**	MB452167		LCS452167		
Prep Batch N/A		**GCAL ID**	927969		927970		
		Sample Type	Method Blank		LCS		
		Analytical Date	03/10/2011 13:34		03/10/2011 13:00		
		Matrix	Water		Water		
SW-846 8015B Modified		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
8006-61-9	Gasoline Range Organics	13.0U	13.0	500	492	98	63 - 126
Surrogate							
106-39-8	Bromochlorobenzene	25.9	86	30	30.2	101	49 - 136

Analytical Batch 452167		**Client ID**	AOCU-GW52		AOCU-GW52-MS			AOCU-GW52-MSD				
Prep Batch N/A		**GCAL ID**	21103041002		21103041004			21103041005				
		Sample Type	SAMPLE		MS			MSD				
		Analytical Date	03/10/2011 15:18		03/10/2011 15:42			03/10/2011 16:06				
		Matrix	Water		Water			Water				
SW-846 8015B Modified Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**				**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**		**Limit**
8006-61-9	Gasoline Range Organics	0.00	13.0	500	387	77	67 - 171	352	70	9		31
Surrogate												
106-39-8	Bromochlorobenzene	25.8	86	30	28.3	94	49 - 136	28	93			

General Chromatography Quality Control Summary

Analytical Batch	452005	**Client ID**	MB451823			LCS451823			LCSD451823		
Prep Batch	451823	**GCAL ID**	926364			926365			926366		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/05/2011 11:37			03/05/2011 11:37			03/05/2011 11:37		
		Analytical Date	03/07/2011 09:56			03/07/2011 10:49			03/07/2011 11:07		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		45.7U	45.7	2000	1410	70	50 - 150	1480	74	5	40
Surrogate												
84-15-1	o-Terphenyl		43.3	87	50	41.3	83	57 - 115	42.6	85		

Analytical Batch	452005	**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD		
Prep Batch	451823	**GCAL ID**	21103041002			21103041004			21103041005		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/05/2011 11:37			03/05/2011 11:37			03/05/2011 11:37		
		Analytical Date	03/07/2011 11:43			03/07/2011 12:36			03/07/2011 13:30		
		Matrix	Water			Water			Water		
Total Hydrocarbons Oil Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		31.4	45.7	2000	1500	74	50 - 150	1510	74	0.6	30
Surrogate												
84-15-1	o-Terphenyl		44	88	50	43.7	87	57 - 115	42.9	86		

Inorganics Quality Control Summary

Analytical Batch	451556	**Client ID**	MB451809			LCS451809		
Prep Batch	451809	**GCAL ID**	926308			926309		
Prep Method	SW-846	**Sample Type**	Method Blank			LCS		
	7470A	**Prep Date**	03/04/2011 11:35			03/04/2011 11:35		
		Analytical Date	03/07/2011 17:51			03/07/2011 17:52		
		Matrix	Water			Water		
SW-846 7470A Dissolved			**Units**	mg/L	**Spike**	**Result**		**Control**
			Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-97-6	Mercury		0.000081U	0.000081	0.00500	0.00551	110	88 - 111

Analytical Batch	452102	**Client ID**	AOCU-GW52-M			AOCU-GW52-M-MS			AOCU-GW52-M-MSD			
Prep Batch	451809	**GCAL ID**	21103041022			21103041023			21103041024			
Prep Method	SW-846	**Sample Type**	SAMPLE			MS			MSD			
	7470A	**Prep Date**	03/04/2011 11:35			03/04/2011 11:35			03/04/2011 11:35			
	Dissolved	**Analytical Date**	03/09/2011 11:21			03/09/2011 11:23			03/09/2011 11:24			
		Matrix	Water			Water			Water			
SW-846 7470A Dissolved			**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
			Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7439-97-6	Mercury		0.00000	0.00016	0.00500	0.00316	**63***	75 - 125	0.00326	**65***	3	10

Analytical Batch	452103	**Client ID**	AOCU-GW26-M			AOCU-GW26-M-MS			AOCU-GW26-M-MSD			
Prep Batch	451925	**GCAL ID**	21103050420			21103050421			21103050422			
Prep Method	SW-846	**Sample Type**	SAMPLE			MS			MSD			
	7470A	**Prep Date**	03/07/2011 11:00			03/07/2011 11:00			03/07/2011 11:00			
	Dissolved	**Analytical Date**	03/09/2011 14:49			03/09/2011 14:51			03/09/2011 14:53			
		Matrix	Water			Water			Water			
SW-846 7470A Dissolved			**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
			Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7439-97-6	Mercury		0.00000	0.00016	0.00500	0.00331	**66***	75 - 125	0.00331	**66***	0	10

Inorganics Quality Control Summary

Analytical Batch	452210	**Client ID**	MB451925	LCS451925
Prep Batch	451925	**GCAL ID**	926780	926781
Prep Method	SW-846 7470A	**Sample Type**	Method Blank	LCS
		Prep Date	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/09/2011 13:32	03/10/2011 14:18
		Matrix	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-97-6	Mercury	0.000081U	0.000081	0.00500	0.00514	103	88 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	MB451808	LCS451808
Prep Batch	451808	**GCAL ID**	926306	926307
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/04/2011 11:35	03/04/2011 11:35
		Analytical Date	03/08/2011 15:54	03/08/2011 16:02
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum	0.044U	0.044	5.00	4.63	93	87 - 111
7440-36-0	Antimony	0.0040U	0.0040	0.50	0.48	97	88 - 108
7440-38-2	Arsenic	0.0025U	0.0025	0.50	0.50	101	88 - 109
7440-39-3	Barium	0.00074B	0.00011	0.50	0.47	94	92 - 112
7440-41-7	Beryllium	0.00011U	0.00011	0.50	0.47	93	89 - 113
7440-43-9	Cadmium	0.00011U	0.00011	0.50	0.48	97	88 - 111
7440-70-2	Calcium	0.042B	0.026	5.00	4.73	95	90 - 111
7440-47-3	Chromium	0.00034U	0.00034	0.50	0.47	94	90 - 113
7440-48-4	Cobalt	0.00040U	0.00040	0.50	0.48	95	89 - 111
7440-50-8	Copper	0.0014U	0.0014	0.50	0.46	92	86 - 112
7439-89-6	Iron	0.038U	0.038	5.00	4.74	95	89 - 116
7439-92-1	Lead	0.0014U	0.0014	0.50	0.50	99	89 - 109
7439-95-4	Magnesium	0.033B	0.014	5.00	4.72	94	92 - 113
7439-96-5	Manganese	0.0012U	0.0012	0.50	0.47	94	90 - 110
7440-02-0	Nickel	0.00096U	0.00096	0.50	0.48	96	89 - 111
7440-09-7	Potassium	0.053U	0.053	10.0	9.35	94	89 - 114
7782-49-2	Selenium	0.0043U	0.0043	0.50	0.50	100	90 - 110
7440-22-4	Silver	0.00089B	0.00060	0.50	0.49	98	86 - 120
7440-23-5	Sodium	0.051U	0.051	20.0	21.2	106	90 - 117
7440-28-0	Thallium	0.0018U	0.0018	0.50	0.49	98	88 - 108
7440-62-2	Vanadium	0.0011B	0.00082	0.50	0.47	93	91 - 111
7440-66-6	Zinc	0.0027U	0.0027	0.50	0.48	95	84 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	AOCU-GW52-M	AOCU-GW52-M-MS	AOCU-GW52-M-MSD
Prep Batch	451808	**GCAL ID**	21103041022	21103041023	21103041024
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/04/2011 11:35	03/04/2011 11:35	03/04/2011 11:35
		Analytical Date	03/08/2011 16:17	03/08/2011 16:24	03/08/2011 16:31
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.23	1.10	5.00	4.41	84	83 - 119	5.03	96	13	25
7440-36-0	Antimony	0.083	0.10	0.50	0.60	103	81 - 124	0.62	108	4	25
7440-38-2	Arsenic	0.024	0.063	0.50	0.53	101	84 - 124	0.56	107	5	25
7440-39-3	Barium	0.0	0.0028	0.50	0.43	86	85 - 120	0.43	86	0.6	25
7440-41-7	Beryllium	0.00046	0.0029	0.50	0.45	91	79 - 121	0.45	91	0.2	25
7440-43-9	Cadmium	0.0	0.0028	0.50	0.43	85	82 - 119	0.44	87	2	25
7440-70-2	Calcium	805	0.64	5.00	793	**-200***	48 - 153	868	**1260***	9	25
7440-47-3	Chromium	0.033	0.0086	0.50	0.47	88	73 - 135	0.46	86	2	25
7440-48-4	Cobalt	0.0	0.0099	0.50	0.44	89	82 - 119	0.45	90	1	25
7440-50-8	Copper	0.15	0.034	0.50	1.06	**182***	82 - 129	1.03	**177***	2	25
7439-89-6	Iron	0.0	0.94	5.00	4.22	84	52 - 155	4.56	91	8	25
7439-92-1	Lead	0.0	0.035	0.50	0.36	71	62 - 146	0.38	76	6	25
7439-95-4	Magnesium	7740	0.36	5.00	7630	**-2000***	62 - 146	8290	**11100***	8	25
7439-96-5	Manganese	1.28	0.031	0.50	1.76	97	79 - 121	1.66	**76***	6	25
7440-02-0	Nickel	0.050	0.024	0.50	0.62	114	84 - 120	0.63	116	2	25
7440-09-7	Potassium	213	1.32	10.0	217	**40***	76 - 132	244	**305***	11	25
7782-49-2	Selenium	0.0	0.11	0.50	0.42	83	71 - 140	0.44	88	6	25
7440-22-4	Silver	0.0	0.015	0.50	0.46	92	75 - 141	0.45	91	2	25
7440-28-0	Thallium	0.0	0.044	0.50	0.34	**68***	90 - 116	0.37	**74***	8	25
7440-62-2	Vanadium	0.0	0.020	0.50	0.0	**0***	85 - 120	0.0	**0***	0	25
7440-66-6	Zinc	0.0	0.068	0.50	0.62	124	60 - 137	0.59	119	4	25

Analytical Batch	452215	**Client ID**	MB451923	LCS451923
Prep Batch	451923	**GCAL ID**	926773	926774
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 15:41	03/10/2011 15:48
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum	0.044U	0.044	5.00	4.89	98	87 - 111

Inorganics Quality Control Summary

Analytical Batch	452215	**Client ID**	MB451923	LCS451923
Prep Batch	451923	**GCAL ID**	926773	926774
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 15:41	03/10/2011 15:48
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7440-36-0	Antimony	0.0040U	0.0040	0.50	0.48	96	88 - 108
7440-38-2	Arsenic	0.0025U	0.0025	0.50	0.49	98	88 - 109
7440-39-3	Barium	0.0013B	0.00011	0.50	0.49	97	92 - 112
7440-41-7	Beryllium	0.00011U	0.00011	0.50	0.48	96	89 - 113
7440-43-9	Cadmium	0.00011U	0.00011	0.50	0.48	97	88 - 111
7440-70-2	Calcium	0.048B	0.026	5.00	4.88	98	90 - 111
7440-47-3	Chromium	0.00034U	0.00034	0.50	0.48	96	90 - 113
7440-48-4	Cobalt	0.00043B	0.00040	0.50	0.50	99	89 - 111
7440-50-8	Copper	0.0014U	0.0014	0.50	0.47	94	86 - 112
7439-89-6	Iron	0.038U	0.038	5.00	4.81	96	89 - 116
7439-92-1	Lead	0.0014U	0.0014	0.50	0.50	100	89 - 109
7439-95-4	Magnesium	0.024B	0.014	5.00	4.93	99	92 - 113
7439-96-5	Manganese	0.0012U	0.0012	0.50	0.49	97	90 - 110
7440-02-0	Nickel	0.00096U	0.00096	0.50	0.49	98	89 - 111
7440-09-7	Potassium	0.053U	0.053	10.0	9.84	98	89 - 114
7782-49-2	Selenium	0.0043U	0.0043	0.50	0.51	101	90 - 110
7440-22-4	Silver	0.00060U	0.00060	0.50	0.48	96	86 - 120
7440-23-5	Sodium	0.051U	0.051	20.0	19.2	96	90 - 117
7440-28-0	Thallium	0.0022B	0.0018	0.50	0.48	97	88 - 108
7440-62-2	Vanadium	0.00082U	0.00082	0.50	0.48	95	91 - 111
7440-66-6	Zinc	0.0027U	0.0027	0.50	0.48	96	84 - 111

Analytical Batch	452215	**Client ID**	AOCU-GW26-M	AOCU-GW26-M-MS	AOCU-GW26-M-MSD
Prep Batch	451923	**GCAL ID**	21103050420	21103050421	21103050422
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 15:55	03/10/2011 16:02	03/10/2011 16:09
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.0	0.44	5.00	5.05	101	83 - 119	4.54	91	11	25

Inorganics Quality Control Summary

Analytical Batch	452215	**Client ID**	AOCU-GW26-M	AOCU-GW26-M-MS	AOCU-GW26-M-MSD
Prep Batch	451923	**GCAL ID**	21103050420	21103050421	21103050422
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 15:55	03/10/2011 16:02	03/10/2011 16:09
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-36-0	Antimony	0.053	0.040	0.50	0.57	103	81 - 124	0.58	106	2	25
7440-38-2	Arsenic	0.052	0.025	0.50	0.59	108	84 - 124	0.58	105	2	25
7440-39-3	Barium	0.0	0.0011	0.50	0.46	93	85 - 120	0.45	91	2	25
7440-41-7	Beryllium	0.0011	0.0011	0.50	0.49	98	79 - 121	0.47	94	4	25
7440-43-9	Cadmium	0.0	0.0011	0.50	0.46	92	82 - 119	0.45	90	3	25
7440-70-2	Calcium	994	0.26	5.00	1010	**411***	48 - 153	993	**-20***	2	25
7440-47-3	Chromium	0.023	0.0034	0.50	0.49	94	73 - 135	0.47	90	4	25
7440-48-4	Cobalt	0.0	0.0040	0.50	0.48	95	82 - 119	0.46	92	4	25
7440-50-8	Copper	0.029	0.014	0.50	0.56	105	82 - 129	0.54	102	3	25
7439-89-6	Iron	0.089	0.38	5.00	4.92	97	52 - 155	4.76	93	3	25
7439-92-1	Lead	0.0	0.014	0.50	0.38	76	62 - 146	0.36	72	5	25
7439-95-4	Magnesium	6120	0.14	5.00	6260	**2680***	62 - 146	6130	**240***	2	25
7439-96-5	Manganese	1.02	0.012	0.50	1.52	101	79 - 121	1.46	88	4	25
7440-02-0	Nickel	0.047	0.0096	0.50	0.51	92	84 - 120	0.49	89	3	25
7440-09-7	Potassium	164	0.53	10.0	176	116	76 - 132	171	**67***	3	25
7782-49-2	Selenium	0.010	0.043	0.50	0.54	106	71 - 140	0.50	97	8	25
7440-22-4	Silver	0.0	0.0060	0.50	0.47	95	75 - 141	0.46	91	4	25
7440-28-0	Thallium	0.0	0.018	0.50	0.40	**79***	90 - 116	0.40	**79***	0.01	25
7440-62-2	Vanadium	0.0	0.0082	0.50	0.26	**51***	85 - 120	0.25	**50***	3	25
7440-66-6	Zinc	0.0	0.027	0.50	0.31	62	60 - 137	0.31	62	0.05	25

Analytical Batch	452253	**Client ID**	AOCU-GW26-M	AOCU-GW26-M-MS	AOCU-GW26-M-MSD
Prep Batch	451923	**GCAL ID**	21103050420	21103050421	21103050422
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 19:39	03/10/2011 19:46	03/10/2011 19:53
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium	27400	5.14	20.0	27600	**972***	70 - 203	27200	**-1000***	2	25

Inorganics Quality Control Summary

Analytical Batch	452662	**Client ID**	AOCU-GW52-M	AOCU-GW52-M-MS	AOCU-GW52-M-MSD
Prep Batch	451808	**GCAL ID**	21103041022	21103041023	21103041024
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/04/2011 11:35	03/04/2011 11:35	03/04/2011 11:35
		Analytical Date	03/17/2011 13:40	03/17/2011 13:47	03/17/2011 13:55
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium	42300	12.9	20.0	43900	**8030***	70 - 203	41900	**-2000***	5	25

General Chemistry Quality Control Summary

Analytical Batch 451833	**Client ID**	MB451833			LCS451833		
Prep Batch N/A	**GCAL ID**	926389			926390		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/04/2011 13:40			03/04/2011 13:40		
	Matrix	Water			Water		
SM 2540C TDS		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
WET-035	Total Dissolved Solids(TDS)	10.0U	10.0	1000	1040	104	90 - 110

Analytical Batch 451833	**Client ID**	AOCU-GW52		AOCU-GW52-DUP		
Prep Batch N/A	**GCAL ID**	21103041002		21103041006		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/04/2011 13:40		03/04/2011 13:40		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-035	Total Dissolved Solids(TDS)	166000	500	165000	0.6	5

General Chemistry Quality Control Summary

Analytical Batch 451807	**Client ID**	MB451807			LCS451807		
Prep Batch N/A	**GCAL ID**	926304			926305		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/04/2011 11:29			03/04/2011 11:30		
	Matrix	Water			Water		
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
14797-55-8	Nitrate	0.003U	0.003	0.500	0.461	92	89.5 -110.5

Analytical Batch 451807	**Client ID**	AOCU-GW52			AOCU-GW52-MS			AOCU-GW52-MSD			
Prep Batch N/A	**GCAL ID**	21103041002			21103041004			21103041005			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/04/2011 11:35			03/04/2011 11:37			03/04/2011 11:38			
	Matrix	Water			Water			Water			
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
14797-55-8	Nitrate	0.110	0.003	0.500	0.608	100	89.5 -110.5	0.596	97	2	25

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030311-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
AOCU-GW54	AOCU-GW54	02032011	1310	-	N	1	WG	10	X	X	X	X		X	X	1			1
AOCU-GW52	AOCU-GW52	02032011	1415	-	N	1	WG	10	X	X	X	X		X	X	2			1
Trip Blank		02032011	1310	-	TB	1	WQ	3	X							3	HA 028505		1
				-															
				-															
				-															
				-															
				-															
				-															
				-															
				-															

Sample Analysis Requested (5)

Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/3/11	1400	1.		
2. Fdx	3-4-11	910	2. [signature]	3-4-11	910
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.: 47

Method of Shipment: FedEx Express

Airbill Number: 796825823770

Analytical Lab: GCAL

Delivery Location: Baton Rouge, LA

Lab Recipient:

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030311-02

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW52-MS	AOCU-GW52-MS	02032011	1415	-	MS	1	WG	10	X	X	X	X		X	X							4		2
AOCU-GW52-MSD	AOCU-GW52-MSD	02032011	1415	-	SD	1	WG	10	X	X	X	X		X	X							5 6		2
Trip Blank		020320H	1415	-	TB	1	WQ	3	X												7	HH-0285050		2
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. JH Moore	3/3/11	1400	1.		
2. [illegible]	3-4-11	910	2. [illegible]	3-4-11	910
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.5

Airbill Number: 7968 2581 4293

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030311-03

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW47	AOCU-GW47	02032011	1430	-	N	1	WQ	10	X	X	X	X		X	X							8			3
AOCU-GW47-A	AOCU-GW47-A	02032011	1430	-	FD	1	WQ	10	X	X	X	X		X	X							9			3
Trip Blank	~~AOCU~~ TH-m	02032011	1430	-	TB	1	WQ	3	X													10	HA-0285050		3
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/3/11	1400			
2.	[signature]	3-4-11	910	[signature]	3-4-11	910
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.: 3.3

Method of Shipment: FedEx Express Airbill Number: 794488304064

Analytical Lab: GCAL Delivery Location: Baton Rouge, LA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Project No: 8090006.02.010

COC Number(1): 030311-04

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW50	AOCU-GW50	02032011	1330	-	N	1	WG	10	X	X	X	X		X	X							"			4
Trip Blank		02032011	1330	-	TB	1	WQ	3	X													"	HA-0285050		4
				-																					
				-																					
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COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/3/11	1400			
2.	[signature]	3-4-11	910	[signature]	3-4-11	910
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.: 24

Method of Shipment: FedEx Express Airbill Number: 794488295409

Analytical Lab: GCAL Delivery Location: Baton Rouge, LA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030311-06

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW43	AOCU-GW43	03032011	0955	-	N	1	WG	10	X	X	X	X		X	X							13			6
AOCU-GW45	AOCU-GW45	03032011	0850	-	N	1	WG	10	X	X	X	X		X	X							14			6
Trip Blank		03032011	0850	-	TB	1	WQ	3	X													15	HA-0285050		6
				-																					
				-																					
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COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/3/11	1400			
2.	[signature]	3-4-11	910	[signature]	3-4-11	910
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.: 27

Method of Shipment: FedEx Express Airbill Number: 7968 2578 1390

Analytical Lab: GCAL Delivery Location: Baton Rouge, LA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030311-07

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW39	AOCU-GW39	03032011	1015	-	N	1	WG	10	X	X	X	X		X	X						16			7
AOCU-GW41	AOCU-GW41	03032011	0900	-	N	1	WG	10	X	X	X	X		X	X						17			7
Trip Blank		03032011	0900	-	TB	1	WQ	3	X												18	HA-028550		7
				-																				
				-																				
				-																				
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				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. JH Moore	3/3/11	1400	1.		
2. [illegible]	3-4-11	910	2. [illegible]	3-4-11	910
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.4

Airbill Number: 794488267096

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW /4711/311030410/3-11-11

Page: 1 of 2

Project No: 8090006.02.010

COC Number(1): 030311-05

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW47-M	AOCU-GW47	02032011	~~1430~~	1431-	N	1	WG	1					X										K		5
AOCU-GW47-A-M	AOCU-GW47A	02032011	~~1430~~	1431-	FD	1	WG	1					X										20		5
AOCU-GW50-M	AOCU-GW50	02032011	~~1330~~	1331-	N	1	WG	1					X										21		5
AOCU-GW52-M	AOCU-GW52	02032011	~~1415~~	1416-	N	1	WG	1					X										22		5
AOCU-GW52-M-MS	AOCU-GW52-MS	02032011	~~1415~~	1416-	MS	1	WG	1					X										23		5
AOCU-GW52-M-MSD	AOCU-GW52-MSD	02032011	~~1415~~	1416-	SD	1	WG	1					X										24		5
AOCU-GW54-M	AOCU-GW54	02032011	~~1310~~	1311-	N	1	WG	1					X										25		5
AOCU-GW56 *	AOCU-GW56	02032011	1040	-	N	1	WG	1					X												5
AOCU-GW57 *	AOCU-GW57	02032011	1000	-	N	1	WG	1					X												5
AOCU-GW59 *	AOCU-GW59	02032011	0915	-	N	1	WG	1					X												5
AOCU-GW64 *	AOCU-GW64	02032011	0930	-	N	1	WG	1					X												5

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/3/11	1400			
2.	[signature]	3-4-11	910	[signature]	3-4-11	9:00
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 53

Airbill Number: 794488290680

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* samples are in a separate water cooler

NATIONVIEW /4711/211030416/3-A-11

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030411-05

LIMS Number:

Chain of Custody and Analytical Request

4.4

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW26	AOCU-GW26	03032011	1306	-	N	1	WG	1					X											5
AOCU-GW26-MS	AOCU-GW26-MS	03032011	1306	-	MS	1	WG	1					X											5
AOCU-GW26-MSD	AOCU-GW26-MSD	03032011	1306	-	SD	1	WG	1					X											5
AOCU-GW28	AOCU-GW28	03032011	1421	-	N	1	WG	1					X											5
AOCU-GW32	AOCU-GW32	03032011	1346	-	N	1	WG	1					X											5
AOCU-GW35	AOCU-GW35	03032011	1446	-	N	1	WG	1					X											5
AOCU-GW35-A	AOCU-GW35-A	03032011	1446	-	FD	1	WG	1					X											5
AOCU-GW39-M *	AOCU-GW39	03032011	1016	-	N	1	WG	1					X										26	5
AOCU-GW43-M *	AOCU-GW43	03032011	0956	-	N	1	WG	1					X										27	5
AOCU-GW45-M *	AOCU-GW45	03032011	0851	-	N	1	WG	1					X										28	5
AOCU-GW41-M *	AOCU-GW41	03032011	0901	-	N	1	WG	1					X										29	5

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/4/11	1400	1. FedEx		
2. FedEx	3-5-11	915	2. [signature]	3-5-11	915
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.:

Method of Shipment: FedEx Express

Airbill Number: 796831139271

Analytical Lab: GCAL

Delivery Location: Baton Rouge, LA

Lab Recipient:

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* Samples are in this water only.

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

SAMPLE RECEIVING CHECKLIST

Workorder: 211030410

Client: 4771 - NationView LLC

Profile: 204817 - AOC-U Investigarion, Holloman AFB

Line Item: 1 - Water

Received by: Raborn, Michelle

Received Date/Time: 3/4/2011 9:10:00 AM

Samples Received via: EXT

Number of Coolers Received: 8

Cooler tracking numbers(s): 7968 2578 1340 7944 8826 7696 7968 3113 9271 7944 8829 0680 7968 2582 3770 7968 2581 4293 7944 8830 4061 7944 8824 5409

Cooler temperature(s): 4.7 1.5 3.3 2.4 2/7 1.4 5.3 4.4

Were all coolers received at a temperature of 0 - 6° C?	✓ Yes	No	N/A
Were all custody seals intact?	✓ Yes	No	N/A
Were all samples recevied in proper containers?	✓ Yes	No	N/A
Were all samples properly preserved?	✓ Yes	No	N/A
Was preservative added to any container at the lab?	Yes	✓ No	N/A
Were all containers received in good condition?	✓ Yes	No	N/A
Were all VOA vials received with no head space?	✓ Yes	No	N/A
Do all sample labels match the Chain of Custody?	✓ Yes	No	N/A
Was the client notified about any discrepancies?	Yes	No	N/A

Notes/Comments:

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER ADE - 1482

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 GSRI Avenue

Baton Rouge, LA 70820

Report Date 04/04/2011

GCAL Report 211030504

Deliver To	NationView, LLC 445 Union Blvd. Suite 129 Denver, CO 80228 303-597-2450
Attn	Jim Moore

Customer NationView LLC

Project AOC-U RFI Investigarion

CASE NARRATIVE

Client: NationView LLC **Report:** 211030504

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

This report was resubmitted on 04/04/11. The data was revised to include estimated values in the report.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 451920, the MS/MSD exhibited recovery failures. The LCS and/or LCSD recoveries are above the upper control limit for Acrylonitrile. This compound was not detected in the associated samples. The MS/MSD recoveries for 2-Chloroethylvinyl ether are not applicable because this compound is not recovered in acidified samples.

SEMI-VOLATILES MASS SPECTROMETRY

In the SW-846 8270C analysis, sample 21103050412 (AOCU-GW35-A) had one surrogate outside of control limits in the acid fraction.

METALS

In the SW-846 6010B Dissolved analysis, samples 21103050431 (AOCU-GW24) and 21103050432 (AOCU-GW24-A) had to be diluted in order to bracket the concentration within the calibration range of the instrument.

In the SW-846 6010B Dissolved analysis, a chemical or physical interference necessitated a dilution for samples 21103050423 (AOCU-GW28), 21103050420 (AOCU-GW26), 21103050421 (AOCU-GW26-MS), 21103050422 (AOCU-GW26-MSD), 21103050424 (AOCU-GW32), 21103050429 (AOCU-GW20), 21103050430 (AOCU-GW22), 21103050425 (AOCU-GW35), 21103050428 (AOCU-GW19) and 21103050426 (AOCU-GW35-A) . This is reflected in the elevated reporting limits.

In the SW-846 6010B Dissolved analysis for prep batch 451923, the MS and/or MSD recoveries are outside the control limits for Thallium and Vanadium. The LCS recovery is within control limits. This indicates the analysis is in control and the sample is affected by matrix interference. A post-digestion spike was performed on the QC sample for this batch with recoveries of 94% for Thallium and 98% for Vanadium. The MS/MSD recoveries are not applicable for Calcium, Magnesium, Potassium and Sodium because the sample concentration is greater than four times the spike concentration.

In the SW-846 6010B Dissolved analysis for prep batch 452013, the MS and/or MSD recoveries are outside the control limits for Thallium, Vanadium and Zinc. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference. The MS/MSD recoveries are not applicable for Potassium, Calcium, Magnesium and Sodium because the sample concentration is greater than four times the spike concentration.

In the SW-846 7470A Dissolved analysis for prep batch 451925, the MS and/or MSD recovery is outside the control limits for Mercury. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference.

In the SW-846 6010B Dissolved analysis for prep batch 452012, Magnesium and Vanadium were recovered outside of the established control limits for the LCS and/or LCSD. The MS recovery is not applicable for Calcium, Magnesium, Potassium and Sodium because the sample concentration is greater than four times the spike concentration. The MS and/or MSD recovery is outside the control limits for Vanadium. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference.

CONVENTIONALS

In the EPA 353.2 analysis, samples 21103050401 (AOCU-GW26), 21103050403 (AOCU-GW26-MS), 21103050404 (AOCU-GW26-MSD), 21103050418 (AOCU-GW28), 21103050411 (AOCU-GW35), 21103050412 (AOCU-GW35-A), 21103050406 (AOCU-GW19), 21103050408 (AOCU-GW20), 21103050409 (AOCU-GW22), 21103050414 (AOCU-GW24) and 21103050415 (AOCU-GW24-A) had to be diluted in order to bracket the Nitrate + Nitrite and/or Nitrite concentrations within the calibration range of the instrument. The Nitrate is based on the difference between the Nitrate + Nitrite and the Nitrite. The dilution is reflected in the elevated reporting limit.

In the SM 2540 C analysis, samples 21103050401 (AOCU-GW26), 21103050406 (AOCU-GW19), 21103050408 (AOCU-GW20), 21103050409 (AOCU-GW22), 21103050411 (AOCU-GW35), 21103050412 (AOCU-GW35-A), 21103050414 (AOCU-GW24), 21103050415 (AOCU-GW24-A), 21103050417 (AOCU-GW32), 21103050418 (AOCU-GW28) and 21103050427 (AOCU-GW26 DUP) had to be diluted prior to filtration in order not to exceed the maximum residue allowed by the method.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Robyn Migues
Technical Director
GCAL REPORT 211030504

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050401	AOCU-GW26	Water	03/03/2011 13:05	03/05/2011 09:15
21103050402	TRIP BLANK	Water	03/03/2011 13:04	03/05/2011 09:15
21103050403	AOCU-GW26-MS	Water	03/03/2011 13:05	03/05/2011 09:15
21103050404	AOCU-GW26-MSD	Water	03/03/2011 13:05	03/05/2011 09:15
21103050405	TRIP BLANK	Water	03/03/2011 13:05	03/05/2011 09:15
21103050406	AOCU-GW19	Water	03/04/2011 09:20	03/05/2011 09:15
21103050407	TRIP BLANK	Water	03/04/2011 09:20	03/05/2011 09:15
21103050408	AOCU-GW20	Water	03/04/2011 09:45	03/05/2011 09:15
21103050409	AOCU-GW22	Water	03/04/2011 10:45	03/05/2011 09:15
21103050410	TRIP BLANK	Water	03/04/2011 09:45	03/05/2011 09:15
21103050411	AOCU-GW35	Water	03/03/2011 14:45	03/05/2011 09:15
21103050412	AOCU-GW35-A	Water	03/03/2011 14:45	03/05/2011 09:15
21103050413	TRIP BLANK	Water	03/03/2011 14:45	03/05/2011 09:15
21103050414	AOCU-GW24	Water	03/04/2011 10:50	03/05/2011 09:15
21103050415	AOCU-GW24-A	Water	03/04/2011 10:50	03/05/2011 09:15
21103050416	TRIP BLANK	Water	03/04/2011 10:50	03/05/2011 09:15
21103050417	AOCU-GW32	Water	03/03/2011 13:45	03/05/2011 09:15
21103050418	AOCU-GW28	Water	03/03/2011 14:20	03/05/2011 09:15
21103050419	TRIP BLANK	Water	03/03/2011 13:45	03/05/2011 09:15
21103050420	AOCU-GW26-M	Water	03/03/2011 13:06	03/05/2011 09:15
21103050421	AOCU-GW26-M-MS	Water	03/03/2011 13:06	03/05/2011 09:15
21103050422	AOCU-GW26-M-MSD	Water	03/03/2011 13:06	03/05/2011 09:15
21103050423	AOCU-GW28-M	Water	03/03/2011 14:21	03/05/2011 09:15
21103050424	AOCU-GW32-M	Water	03/03/2011 13:46	03/05/2011 09:15
21103050425	AOCU-GW35-M	Water	03/03/2011 14:46	03/05/2011 09:15
21103050426	AOCU-GW35-A-M	Water	03/03/2011 14:46	03/05/2011 09:15
21103050427	AOCU-GW26 DUP	Water	03/03/2011 13:05	03/05/2011 09:15
21103050428	AOCU-GW19-M	Water	03/04/2011 09:21	03/08/2011 08:55
21103050429	AOCU-GW20-M	Water	03/04/2011 09:46	03/08/2011 08:55
21103050430	AOCU-GW22-M	Water	03/04/2011 10:46	03/08/2011 08:55
21103050431	AOCU-GW24-M	Water	03/04/2011 10:51	03/08/2011 08:55
21103050432	AOCU-GW24-A-M	Water	03/04/2011 10:51	03/08/2011 08:55

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050401	**AOCU-GW26**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 10:29	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050401	**AOCU-GW26**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 10:29	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	43.9	ug/L	88	84 - 120
1868-53-7	Dibromofluoromethane	50	49.6	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	50	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.4	ug/L	105	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 10:29	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050401	**AOCU-GW26**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 14:38	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050401	**AOCU-GW26**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 14:38	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	46.1	ug/L	92	52 - 120
321-60-8	2-Fluorobiphenyl	50	40.3	ug/L	81	16 - 128
1718-51-0	Terphenyl-d14	50	37.9	ug/L	76	43 - 138
4165-62-2	Phenol-d5	100	48.6	ug/L	49	10 - 120
367-12-4	2-Fluorophenol	100	59	ug/L	59	10 - 120
118-79-6	2,4,6-Tribromophenol	100	82	ug/L	82	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 13:49	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.6	ug/L	93	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 00:10	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.4	ug/L	85	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050401	**AOCU-GW26**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 13:49	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.8	ug/L	88	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**95000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	03/05/2011 15:20	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**111**	**10.0**	**2.60**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050402	**TRIP BLANK**	Water	03/03/2011 13:04	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 10:52	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050402	**TRIP BLANK**	Water	03/03/2011 13:04	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 10:52	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.3	ug/L	93	84 - 120
1868-53-7	Dibromofluoromethane	50	50.8	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	49.9	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.8	ug/L	106	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050403	**AOCU-GW26-MS**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 13:57	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	42.7	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	50.1	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	59.8	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	45.6	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	53.8	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	49.5	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	46.5	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	43.3	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	63.3	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.2	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	44.9	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	65.4	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	48.0	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	45.4	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	52.3	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	52.8	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	43.8	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	43.1	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	49.0	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	42.4	5	0.058	ug/L
544-10-5	1-Chlorohexane	37.2	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	44.2	5	0.112	ug/L
78-93-3	2-Butanone	72.5	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	44.3	5	0.090	ug/L
591-78-6	2-Hexanone	77.9	5	0.302	ug/L
106-43-4	4-Chlorotoluene	44.8	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	44.3	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	80.2	5	0.142	ug/L
67-64-1	Acetone	52.5	25	0.322	ug/L
107-02-8	Acrolein	426	25	2.49	ug/L
107-13-1	Acrylonitrile	671	25	1.62	ug/L
71-43-2	Benzene	50.2	5	0.049	ug/L
108-86-1	Bromobenzene	47.4	5	0.095	ug/L
74-97-5	Bromochloromethane	47.1	5	0.238	ug/L
75-27-4	Bromodichloromethane	49.5	5	0.071	ug/L
75-25-2	Bromoform	49.2	5	0.278	ug/L
74-83-9	Bromomethane	41.9	5	0.276	ug/L
75-15-0	Carbon disulfide	44.4	5	0.190	ug/L
56-23-5	Carbon tetrachloride	51.5	5	0.056	ug/L
108-90-7	Chlorobenzene	42.1	5	0.055	ug/L
75-00-3	Chloroethane	51.6	5	0.279	ug/L
67-66-3	Chloroform	48.9	5	0.062	ug/L
74-87-3	Chloromethane	55.1	5	0.076	ug/L
124-48-1	Dibromochloromethane	47.6	5	0.133	ug/L
74-95-3	Dibromomethane	52.1	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	50.2	5	0.088	ug/L
100-41-4	Ethylbenzene	41.7	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	44.6	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	39.4	5	0.058	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050403	**AOCU-GW26-MS**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 13:57	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
74-88-4	**Methyl iodide**	**32.8**	**5**	**0.097**	**ug/L**
75-09-2	**Methylene chloride**	**49.8**	**10**	**0.102**	**ug/L**
91-20-3	**Naphthalene**	**49.0**	**5**	**0.175**	**ug/L**
100-42-5	**Styrene**	**38.0**	**5**	**0.058**	**ug/L**
127-18-4	**Tetrachloroethene**	**41.4**	**5**	**0.210**	**ug/L**
108-88-3	**Toluene**	**44.3**	**5**	**0.078**	**ug/L**
79-01-6	**Trichloroethene**	**45.0**	**5**	**0.094**	**ug/L**
75-69-4	**Trichlorofluoromethane**	**53.5**	**5**	**0.094**	**ug/L**
76-13-1	**Trichlorotrifluoroethane**	**49.0**	**5**	**0.141**	**ug/L**
108-05-4	**Vinyl acetate**	**71.9**	**5**	**0.197**	**ug/L**
75-01-4	**Vinyl chloride**	**52.7**	**5**	**0.104**	**ug/L**
156-59-2	**cis-1,2-Dichloroethene**	**52.7**	**5**	**0.104**	**ug/L**
10061-01-5	**cis-1,3-Dichloropropene**	**49.0**	**5**	**0.105**	**ug/L**
136777-61-2	**m,p-Xylene**	**81.7**	**10**	**0.099**	**ug/L**
104-51-8	**n-Butylbenzene**	**46.7**	**5**	**0.068**	**ug/L**
110-54-3	**n-Hexane**	**45.0**	**5**	**0.126**	**ug/L**
103-65-1	**n-Propylbenzene**	**45.2**	**5**	**0.069**	**ug/L**
95-47-6	**o-Xylene**	**42.5**	**5**	**0.077**	**ug/L**
135-98-8	**sec-Butylbenzene**	**44.8**	**5**	**0.088**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**52.0**	**5**	**0.084**	**ug/L**
98-06-6	**tert-Butylbenzene**	**45.1**	**5**	**0.058**	**ug/L**
156-60-5	**trans-1,2-Dichloroethene**	**50.6**	**5**	**0.096**	**ug/L**
10061-02-6	**trans-1,3-Dichloropropene**	**45.7**	**5**	**0.068**	**ug/L**
110-57-6	**trans-1,4-Dichloro-2-butene**	**65.6**	**5**	**0.429**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44	ug/L	88	84 - 120
1868-53-7	Dibromofluoromethane	50	51.9	ug/L	104	87 - 116
2037-26-5	Toluene d8	50	46.8	ug/L	94	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	55.7	ug/L	111	76 - 127

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 14:54	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	**1,2,4-Trichlorobenzene**	**73.4**	**10.0**	**0.234**	**ug/L**
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	**1,4-Dichlorobenzene**	**72.1**	**10.0**	**0.255**	**ug/L**
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	**2,4-Dinitrotoluene**	**95.4**	**10.0**	**0.263**	**ug/L**
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050403	**AOCU-GW26-MS**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 14:54	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
95-57-8	**2-Chlorophenol**	**81.8**	**10.0**	**0.276**	**ug/L**
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	**4-Chloro-3-methylphenol**	**88.9**	**10.0**	**0.234**	**ug/L**
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	**4-Nitrophenol**	**32.2**	**10.0**	**1.83**	**ug/L**
83-32-9	**Acenaphthene**	**89.3**	**10.0**	**0.268**	**ug/L**
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	**Pentachlorophenol**	**63.4**	**10.0**	**0.168**	**ug/L**
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	**Phenol**	**46.3**	**10.0**	**0.150**	**ug/L**
129-00-0	**Pyrene**	**86.9**	**10.0**	**0.486**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050403	**AOCU-GW26-MS**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 14:54	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	**n-Nitrosodi-n-propylamine**	**91.3**	**10.0**	**0.304**	**ug/L**
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.6	ug/L	89	52 - 120
321-60-8	2-Fluorobiphenyl	50	40.1	ug/L	80	16 - 128
1718-51-0	Terphenyl-d14	50	35.1	ug/L	70	43 - 138
4165-62-2	Phenol-d5	100	47.7	ug/L	48	10 - 120
367-12-4	2-Fluorophenol	100	61.6	ug/L	62	10 - 120
118-79-6	2,4,6-Tribromophenol	100	92.4	ug/L	92	20 - 120

Total Hydrocarbons Diesel Wate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 14:06	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**906**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	49.4	ug/L	99	57 - 115

SW-846 8015B Modified Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 11:12	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	**Gasoline Range Organics**	**515**	**100**	**13.0**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	28.9	ug/L	96	49 - 136

Total Hydrocarbons Oil Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 15:03	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1590**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.8	ug/L	94	57 - 115

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050403	**AOCU-GW26-MS**	Water	03/03/2011 13:05	03/05/2011 09:15

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	03/05/2011 15:21	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**625**	**10.0**	**2.60**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050404	**AOCU-GW26-MSD**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 14:20	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	40.4	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	46.7	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	60.2	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	46.7	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	51.8	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	48.7	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	46.8	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	44.4	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	63.2	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.7	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	45.0	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	69.0	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	48.5	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	45.0	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	51.6	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	48.1	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	44.1	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	42.8	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	49.5	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	42.7	5	0.058	ug/L
544-10-5	1-Chlorohexane	34.9	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	43.2	5	0.112	ug/L
78-93-3	2-Butanone	71.6	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	46.3	5	0.090	ug/L
591-78-6	2-Hexanone	78.4	5	0.302	ug/L
106-43-4	4-Chlorotoluene	43.8	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	44.0	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	78.5	5	0.142	ug/L
67-64-1	Acetone	54.4	25	0.322	ug/L
107-02-8	Acrolein	420	25	2.49	ug/L
107-13-1	Acrylonitrile	658	25	1.62	ug/L
71-43-2	Benzene	46.0	5	0.049	ug/L
108-86-1	Bromobenzene	45.1	5	0.095	ug/L
74-97-5	Bromochloromethane	44.1	5	0.238	ug/L
75-27-4	Bromodichloromethane	48.4	5	0.071	ug/L
75-25-2	Bromoform	49.7	5	0.278	ug/L
74-83-9	Bromomethane	50.7	5	0.276	ug/L
75-15-0	Carbon disulfide	46.8	5	0.190	ug/L
56-23-5	Carbon tetrachloride	46.2	5	0.056	ug/L
108-90-7	Chlorobenzene	40.9	5	0.055	ug/L
75-00-3	Chloroethane	49.0	5	0.279	ug/L
67-66-3	Chloroform	44.1	5	0.062	ug/L
74-87-3	Chloromethane	59.3	5	0.076	ug/L
124-48-1	Dibromochloromethane	46.2	5	0.133	ug/L
74-95-3	Dibromomethane	48.9	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	46.9	5	0.088	ug/L
100-41-4	Ethylbenzene	41.3	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	45.7	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	38.9	5	0.058	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050404	**AOCU-GW26-MSD**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 14:20	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
74-88-4	**Methyl iodide**	**28.5**	**5**	**0.097**	**ug/L**
75-09-2	**Methylene chloride**	**49.4**	**10**	**0.102**	**ug/L**
91-20-3	**Naphthalene**	**51.3**	**5**	**0.175**	**ug/L**
100-42-5	**Styrene**	**37.5**	**5**	**0.058**	**ug/L**
127-18-4	**Tetrachloroethene**	**39.4**	**5**	**0.210**	**ug/L**
108-88-3	**Toluene**	**43.0**	**5**	**0.078**	**ug/L**
79-01-6	**Trichloroethene**	**43.1**	**5**	**0.094**	**ug/L**
75-69-4	**Trichlorofluoromethane**	**50.6**	**5**	**0.094**	**ug/L**
76-13-1	**Trichlorotrifluoroethane**	**47.5**	**5**	**0.141**	**ug/L**
108-05-4	**Vinyl acetate**	**69.6**	**5**	**0.197**	**ug/L**
75-01-4	**Vinyl chloride**	**52.0**	**5**	**0.104**	**ug/L**
156-59-2	**cis-1,2-Dichloroethene**	**48.8**	**5**	**0.104**	**ug/L**
10061-01-5	**cis-1,3-Dichloropropene**	**47.0**	**5**	**0.105**	**ug/L**
136777-61-2	**m,p-Xylene**	**79.4**	**10**	**0.099**	**ug/L**
104-51-8	**n-Butylbenzene**	**46.7**	**5**	**0.068**	**ug/L**
110-54-3	**n-Hexane**	**42.0**	**5**	**0.126**	**ug/L**
103-65-1	**n-Propylbenzene**	**43.3**	**5**	**0.069**	**ug/L**
95-47-6	**o-Xylene**	**41.0**	**5**	**0.077**	**ug/L**
135-98-8	**sec-Butylbenzene**	**44.0**	**5**	**0.088**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**52.1**	**5**	**0.084**	**ug/L**
98-06-6	**tert-Butylbenzene**	**45.0**	**5**	**0.058**	**ug/L**
156-60-5	**trans-1,2-Dichloroethene**	**49.1**	**5**	**0.096**	**ug/L**
10061-02-6	**trans-1,3-Dichloropropene**	**44.2**	**5**	**0.068**	**ug/L**
110-57-6	**trans-1,4-Dichloro-2-butene**	**64.9**	**5**	**0.429**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.1	ug/L	90	84 - 120
1868-53-7	Dibromofluoromethane	50	52	ug/L	104	87 - 116
2037-26-5	Toluene d8	50	47	ug/L	94	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.8	ug/L	106	76 - 127

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 15:08	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	**1,2,4-Trichlorobenzene**	**69.7**	**10.0**	**0.234**	**ug/L**
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	**1,4-Dichlorobenzene**	**65.5**	**10.0**	**0.255**	**ug/L**
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	**2,4-Dinitrotoluene**	**95.6**	**10.0**	**0.263**	**ug/L**
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050404	**AOCU-GW26-MSD**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 15:08	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
95-57-8	**2-Chlorophenol**	**82.4**	**10.0**	**0.276**	**ug/L**
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	**4-Chloro-3-methylphenol**	**91.6**	**10.0**	**0.234**	**ug/L**
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	**4-Nitrophenol**	**31.9**	**10.0**	**1.83**	**ug/L**
83-32-9	**Acenaphthene**	**87.2**	**10.0**	**0.268**	**ug/L**
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	**Pentachlorophenol**	**61.2**	**10.0**	**0.168**	**ug/L**
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	**Phenol**	**46.3**	**10.0**	**0.150**	**ug/L**
129-00-0	**Pyrene**	**105**	**10.0**	**0.486**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050404	**AOCU-GW26-MSD**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 15:08	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	**n-Nitrosodi-n-propylamine**	**92.4**	**10.0**	**0.304**	**ug/L**
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.6	ug/L	89	52 - 120
321-60-8	2-Fluorobiphenyl	50	38.4	ug/L	77	16 - 128
1718-51-0	Terphenyl-d14	50	45.7	ug/L	91	43 - 138
4165-62-2	Phenol-d5	100	47.2	ug/L	47	10 - 120
367-12-4	2-Fluorophenol	100	59.3	ug/L	59	10 - 120
118-79-6	2,4,6-Tribromophenol	100	90.3	ug/L	90	20 - 120

Total Hydrocarbons Diesel Wate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 14:27	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**928**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	47.4	ug/L	95	57 - 115

SW-846 8015B Modified Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 11:36	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	**Gasoline Range Organics**	**438**	**100**	**13.0**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	29.6	ug/L	99	49 - 136

Total Hydrocarbons Oil Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 15:56	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1660**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.6	ug/L	93	57 - 115

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050404	**AOCU-GW26-MSD**	Water	03/03/2011 13:05	03/05/2011 09:15

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	03/05/2011 15:23	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**626**	**10.0**	**2.60**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050405	**TRIP BLANK**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 11:15	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050405	**TRIP BLANK**	Water	03/03/2011 13:05	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 11:15	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	49.8	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	49.9	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.9	ug/L	104	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050406	**AOCU-GW19**	Water	03/04/2011 09:20	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:06	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	**Benzene**	**1.21J**	**5**	**0.049**	**ug/L**
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050406	**AOCU-GW19**	Water	03/04/2011 09:20	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:06	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45	ug/L	90	84 - 120
1868-53-7	Dibromofluoromethane	50	48.5	ug/L	97	87 - 116
2037-26-5	Toluene d8	50	50.5	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.2	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:06	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050406	**AOCU-GW19**	Water	03/04/2011 09:20	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 15:38	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050406	**AOCU-GW19**	Water	03/04/2011 09:20	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 15:38	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.4	ug/L	85	52 - 120
321-60-8	2-Fluorobiphenyl	50	33.1	ug/L	66	16 - 128
1718-51-0	Terphenyl-d14	50	37.2	ug/L	74	43 - 138
4165-62-2	Phenol-d5	100	50.9	ug/L	51	10 - 120
367-12-4	2-Fluorophenol	100	56.5	ug/L	57	10 - 120
118-79-6	2,4,6-Tribromophenol	100	73.5	ug/L	74	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 16:14	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	47.9	ug/L	96	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 01:23	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	23	ug/L	77	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050406	**AOCU-GW19**	Water	03/04/2011 09:20	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 16:14	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45	ug/L	90	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**183000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/05/2011 15:31	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**5.49**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050407	**TRIP BLANK**	Water	03/04/2011 09:20	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 11:37	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050407	**TRIP BLANK**	Water	03/04/2011 09:20	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 11:37	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.2	ug/L	92	84 - 120
1868-53-7	Dibromofluoromethane	50	51.1	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	49.2	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.4	ug/L	107	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050408	**AOCU-GW20**	Water	03/04/2011 09:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:29	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	**Bromomethane**	**5.38**	**5**	**0.276**	**ug/L**
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	**Chloromethane**	**2.04J**	**5**	**0.076**	**ug/L**
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050408	**AOCU-GW20**	Water	03/04/2011 09:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:29	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.5	ug/L	89	84 - 120
1868-53-7	Dibromofluoromethane	50	48.8	ug/L	98	87 - 116
2037-26-5	Toluene d8	50	50.5	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.3	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:29	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050408	**AOCU-GW20**	Water	03/04/2011 09:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 15:53	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050408	**AOCU-GW20**	Water	03/04/2011 09:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 15:53	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.6	ug/L	85	52 - 120
321-60-8	2-Fluorobiphenyl	50	34.3	ug/L	69	16 - 128
1718-51-0	Terphenyl-d14	50	31.9	ug/L	64	43 - 138
4165-62-2	Phenol-d5	100	53.3	ug/L	53	10 - 120
367-12-4	2-Fluorophenol	100	61.2	ug/L	61	10 - 120
118-79-6	2,4,6-Tribromophenol	100	76.5	ug/L	77	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 16:31	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**53.1J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	49.8	ug/L	100	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 01:47	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050408	**AOCU-GW20**	Water	03/04/2011 09:45	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 16:31	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.7	ug/L	93	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**165000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1000	03/05/2011 15:33	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**500**	**10.0**	**2.60**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050409	**AOCU-GW22**	Water	03/04/2011 10:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:51	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	**Bromomethane**	**3.36J**	**5**	**0.276**	**ug/L**
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	**Chloromethane**	**1.10J**	**5**	**0.076**	**ug/L**
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050409	**AOCU-GW22**	Water	03/04/2011 10:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:51	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.6	ug/L	89	84 - 120
1868-53-7	Dibromofluoromethane	50	49.5	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	49.4	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.6	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 15:51	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050409	**AOCU-GW22**	Water	03/04/2011 10:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 16:08	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050409	**AOCU-GW22**	Water	03/04/2011 10:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 16:08	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.8	ug/L	88	52 - 120
321-60-8	2-Fluorobiphenyl	50	35.9	ug/L	72	16 - 128
1718-51-0	Terphenyl-d14	50	39.2	ug/L	78	43 - 138
4165-62-2	Phenol-d5	100	48.5	ug/L	49	10 - 120
367-12-4	2-Fluorophenol	100	58.5	ug/L	59	10 - 120
118-79-6	2,4,6-Tribromophenol	100	81.6	ug/L	82	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 16:49	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**54.0J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	48.8	ug/L	98	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 02:11	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.2	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050409	**AOCU-GW22**	Water	03/04/2011 10:45	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 16:49	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45.8	ug/L	92	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**136000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	03/05/2011 15:34	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**223**	**5.00**	**1.30**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050410	**TRIP BLANK**	Water	03/04/2011 09:45	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 12:00	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050410	**TRIP BLANK**	Water	03/04/2011 09:45	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 12:00	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.4	ug/L	95	84 - 120
1868-53-7	Dibromofluoromethane	50	50.7	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	48.8	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.7	ug/L	101	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050411	**AOCU-GW35**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 16:14	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	**Bromomethane**	**3.47J**	**5**	**0.276**	**ug/L**
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050411	**AOCU-GW35**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 16:14	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44.4	ug/L	89	84 - 120
1868-53-7	Dibromofluoromethane	50	47	ug/L	94	87 - 116
2037-26-5	Toluene d8	50	50.4	ug/L	101	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.9	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 16:14	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050411	**AOCU-GW35**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 16:22	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050411	**AOCU-GW35**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 16:22	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	37.5	ug/L	75	52 - 120
321-60-8	2-Fluorobiphenyl	50	30.9	ug/L	62	16 - 128
1718-51-0	Terphenyl-d14	50	32.8	ug/L	66	43 - 138
4165-62-2	Phenol-d5	100	45.3	ug/L	45	10 - 120
367-12-4	2-Fluorophenol	100	52.3	ug/L	52	10 - 120
118-79-6	2,4,6-Tribromophenol	100	65.6	ug/L	66	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 17:07	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**84.9J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44.8	ug/L	90	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 02:37	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.2	ug/L	84	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050411	**AOCU-GW35**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 17:07	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.1	ug/L	84	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**157000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/05/2011 15:26	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**38.6**	**1.00**	**0.260**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050412	**AOCU-GW35-A**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 16:37	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	**Bromomethane**	**3.88J**	**5**	**0.276**	**ug/L**
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	**Chloromethane**	**1.70J**	**5**	**0.076**	**ug/L**
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050412	**AOCU-GW35-A**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 16:37	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	44	ug/L	88	84 - 120
1868-53-7	Dibromofluoromethane	50	49.5	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	47.9	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.7	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 16:37	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050412	**AOCU-GW35-A**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 16:37	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050412	**AOCU-GW35-A**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 16:37	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.6	ug/L	89	52 - 120
321-60-8	2-Fluorobiphenyl	50	37.5	ug/L	75	16 - 128
1718-51-0	Terphenyl-d14	50	39.7	ug/L	79	43 - 138
4165-62-2	Phenol-d5	100	46	ug/L	46	10 - 120
367-12-4	2-Fluorophenol	100	48.2	ug/L	48	10 - 120
118-79-6	2,4,6-Tribromophenol	100	40.9	ug/L	**41***	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 17:25	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**52.3J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	47.9	ug/L	96	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 03:01	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.7	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050412	**AOCU-GW35-A**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 17:25	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45	ug/L	90	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**166000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			100	03/05/2011 15:28	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**39.3**	**1.00**	**0.260**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050413	**TRIP BLANK**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 12:24	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050413	**TRIP BLANK**	Water	03/03/2011 14:45	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 12:24	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.3	ug/L	91	84 - 120
1868-53-7	Dibromofluoromethane	50	52.4	ug/L	105	87 - 116
2037-26-5	Toluene d8	50	47.8	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.4	ug/L	107	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050414	**AOCU-GW24**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:00	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050414	**AOCU-GW24**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:00	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.5	ug/L	91	84 - 120
1868-53-7	Dibromofluoromethane	50	49.9	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	49.2	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.4	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:00	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050414	**AOCU-GW24**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 16:52	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050414	**AOCU-GW24**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 16:52	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41	ug/L	82	52 - 120
321-60-8	2-Fluorobiphenyl	50	33.8	ug/L	68	16 - 128
1718-51-0	Terphenyl-d14	50	38.5	ug/L	77	43 - 138
4165-62-2	Phenol-d5	100	48.6	ug/L	49	10 - 120
367-12-4	2-Fluorophenol	100	53.6	ug/L	54	10 - 120
118-79-6	2,4,6-Tribromophenol	100	74.9	ug/L	75	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 17:42	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	50.8	ug/L	102	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 03:25	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.8	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050414	**AOCU-GW24**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 17:42	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	47.7	ug/L	95	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**121000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	03/05/2011 15:35	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**136**	**5.00**	**1.30**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050415	**AOCU-GW24-A**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:23	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050415	**AOCU-GW24-A**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:23	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.2	ug/L	90	84 - 120
1868-53-7	Dibromofluoromethane	50	52.2	ug/L	104	87 - 116
2037-26-5	Toluene d8	50	50	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	55.7	ug/L	111	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:23	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050415	**AOCU-GW24-A**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 17:07	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050415	**AOCU-GW24-A**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 17:07	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.6	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	37.1	ug/L	74	16 - 128
1718-51-0	Terphenyl-d14	50	44.6	ug/L	89	43 - 138
4165-62-2	Phenol-d5	100	51.4	ug/L	51	10 - 120
367-12-4	2-Fluorophenol	100	60.4	ug/L	60	10 - 120
118-79-6	2,4,6-Tribromophenol	100	87.1	ug/L	87	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 18:00	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	48	ug/L	96	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 03:48	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.1	ug/L	84	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050415	**AOCU-GW24-A**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 18:00	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45	ug/L	90	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**123000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			500	03/05/2011 15:36	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**142**	**5.00**	**1.30**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050416	**TRIP BLANK**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 12:47	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050416	**TRIP BLANK**	Water	03/04/2011 10:50	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 12:47	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.8	ug/L	92	84 - 120
1868-53-7	Dibromofluoromethane	50	51.5	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	49	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.4	ug/L	107	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050417	**AOCU-GW32**	Water	03/03/2011 13:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:47	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050417	**AOCU-GW32**	Water	03/03/2011 13:45	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:47	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.7	ug/L	91	84 - 120
1868-53-7	Dibromofluoromethane	50	51.2	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	49.3	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 17:47	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050417	**AOCU-GW32**	Water	03/03/2011 13:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 17:22	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050417	**AOCU-GW32**	Water	03/03/2011 13:45	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 17:22	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.3	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	37.2	ug/L	74	16 - 128
1718-51-0	Terphenyl-d14	50	41.1	ug/L	82	43 - 138
4165-62-2	Phenol-d5	100	52	ug/L	52	10 - 120
367-12-4	2-Fluorophenol	100	59.3	ug/L	59	10 - 120
118-79-6	2,4,6-Tribromophenol	100	85.6	ug/L	86	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 18:18	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**44.5J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	49.7	ug/L	99	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 05:01	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.1	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050417	**AOCU-GW32**	Water	03/03/2011 13:45	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 18:18	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.7	ug/L	93	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**132000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/05/2011 15:24	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.146**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050418	**AOCU-GW28**	Water	03/03/2011 14:20	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 18:11	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050418	**AOCU-GW28**	Water	03/03/2011 14:20	03/05/2011 09:15

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 18:11	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	45.6	ug/L	91	84 - 120
1868-53-7	Dibromofluoromethane	50	48	ug/L	96	87 - 116
2037-26-5	Toluene d8	50	49.8	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	54.3	ug/L	109	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 18:11	JCK	452709

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl Chloride ND	ND		ug/L
1476-11-5	cis-1,4-Dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050418	**AOCU-GW28**	Water	03/03/2011 14:20	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 17:37	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050418	**AOCU-GW28**	Water	03/03/2011 14:20	03/05/2011 09:15

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 12:50	451977	3510C	1	03/09/2011 17:37	JEW	452114

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.1	ug/L	88	52 - 120
321-60-8	2-Fluorobiphenyl	50	38	ug/L	76	16 - 128
1718-51-0	Terphenyl-d14	50	41	ug/L	82	43 - 138
4165-62-2	Phenol-d5	100	46.7	ug/L	47	10 - 120
367-12-4	2-Fluorophenol	100	55	ug/L	55	10 - 120
118-79-6	2,4,6-Tribromophenol	100	85.3	ug/L	85	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:35	451975	3510C	1	03/08/2011 18:36	SMH	452105

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	47.9	ug/L	96	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/11/2011 05:25	BMR	452172

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.4	ug/L	88	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050418	**AOCU-GW28**	Water	03/03/2011 14:20	03/05/2011 09:15

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 09:33	451976	3510C	1	03/08/2011 18:36	SMH	452106

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45	ug/L	90	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**86500**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			200	03/05/2011 15:25	AEL	451878

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**60.5**	**2.00**	**0.520**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050419	**TRIP BLANK**	Water	03/03/2011 13:45	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 13:10	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050419	**TRIP BLANK**	Water	03/03/2011 13:45	03/05/2011 09:15

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/07/2011 13:10	RJU	451920

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.9	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	50.8	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	48	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	53.4	ug/L	107	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050420	**AOCU-GW26-M**	Water	03/03/2011 13:06	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	2	03/09/2011 14:49	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.00016U	0.00040	0.00016	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	10	03/10/2011 15:55	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.053B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.052B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**994**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.023B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	**Copper**	**0.029B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**6120**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**1.02**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.047B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**164**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	100	03/10/2011 19:39	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**27400**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050421	**AOCU-GW26-M-MS**	Water	03/03/2011 13:06	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	2	03/09/2011 14:51	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	**Mercury**	**0.00331**	**0.00040**	**0.00016**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	10	03/10/2011 16:02	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	**Aluminum**	**5.05**	**2.00**	**0.44**	**mg/L**
7440-36-0	**Antimony**	**0.57B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.59**	**0.10**	**0.025**	**mg/L**
7440-39-3	**Barium**	**0.46**	**0.10**	**0.0011**	**mg/L**
7440-41-7	**Beryllium**	**0.49**	**0.050**	**0.0011**	**mg/L**
7440-43-9	**Cadmium**	**0.46**	**0.050**	**0.0011**	**mg/L**
7440-70-2	**Calcium**	**1010**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.49**	**0.10**	**0.0034**	**mg/L**
7440-48-4	**Cobalt**	**0.48**	**0.10**	**0.0040**	**mg/L**
7440-50-8	**Copper**	**0.56**	**0.10**	**0.014**	**mg/L**
7439-89-6	**Iron**	**4.92**	**1.00**	**0.38**	**mg/L**
7439-92-1	**Lead**	**0.38**	**0.15**	**0.014**	**mg/L**
7439-95-4	**Magnesium**	**6260**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**1.52**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.51**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**176**	**5.00**	**0.53**	**mg/L**
7782-49-2	**Selenium**	**0.54**	**0.40**	**0.043**	**mg/L**
7440-22-4	**Silver**	**0.47**	**0.10**	**0.0060**	**mg/L**
7440-28-0	**Thallium**	**0.40**	**0.20**	**0.018**	**mg/L**
7440-62-2	**Vanadium**	**0.26**	**0.20**	**0.0082**	**mg/L**
7440-66-6	**Zinc**	**0.31**	**0.20**	**0.027**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	100	03/10/2011 19:46	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**27600**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050422	**AOCU-GW26-M-MSD**	Water	03/03/2011 13:06	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	2	03/09/2011 14:53	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	**Mercury**	**0.00331**	**0.00040**	**0.00016**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	10	03/10/2011 16:09	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	**Aluminum**	**4.54**	**2.00**	**0.44**	**mg/L**
7440-36-0	**Antimony**	**0.58B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.58**	**0.10**	**0.025**	**mg/L**
7440-39-3	**Barium**	**0.45**	**0.10**	**0.0011**	**mg/L**
7440-41-7	**Beryllium**	**0.47**	**0.050**	**0.0011**	**mg/L**
7440-43-9	**Cadmium**	**0.45**	**0.050**	**0.0011**	**mg/L**
7440-70-2	**Calcium**	**993**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.47**	**0.10**	**0.0034**	**mg/L**
7440-48-4	**Cobalt**	**0.46**	**0.10**	**0.0040**	**mg/L**
7440-50-8	**Copper**	**0.54**	**0.10**	**0.014**	**mg/L**
7439-89-6	**Iron**	**4.76**	**1.00**	**0.38**	**mg/L**
7439-92-1	**Lead**	**0.36**	**0.15**	**0.014**	**mg/L**
7439-95-4	**Magnesium**	**6130**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**1.46**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.49**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**171**	**5.00**	**0.53**	**mg/L**
7782-49-2	**Selenium**	**0.50**	**0.40**	**0.043**	**mg/L**
7440-22-4	**Silver**	**0.46**	**0.10**	**0.0060**	**mg/L**
7440-28-0	**Thallium**	**0.40**	**0.20**	**0.018**	**mg/L**
7440-62-2	**Vanadium**	**0.25**	**0.20**	**0.0082**	**mg/L**
7440-66-6	**Zinc**	**0.31**	**0.20**	**0.027**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	100	03/10/2011 19:53	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**27200**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050423	**AOCU-GW28-M**	Water	03/03/2011 14:21	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	1	03/09/2011 13:51	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	5	03/08/2011 23:13	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.032B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.053**	**0.050**	**0.013**	**mg/L**
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**931**	**0.50**	**0.13**	**mg/L**
7440-47-3	Chromium	0.0017U	0.050	0.0017	mg/L
7440-48-4	**Cobalt**	**0.0021B**	**0.050**	**0.0020**	**mg/L**
7440-50-8	Copper	0.0069U	0.050	0.0069	mg/L
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**4350**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**1.31**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.030B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**157**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	50	03/10/2011 22:15	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**21600**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050424	**AOCU-GW32-M**	Water	03/03/2011 13:46	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	1	03/09/2011 13:53	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	10	03/10/2011 17:28	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.073B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.032B**	**0.10**	**0.025**	**mg/L**
7440-39-3	**Barium**	**0.0063B**	**0.10**	**0.0011**	**mg/L**
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**1210**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.022B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	**Copper**	**0.065B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**5810**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**4.10**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.047B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**201**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	100	03/10/2011 22:22	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**29600**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050425	**AOCU-GW35-M**	Water	03/03/2011 14:46	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	1	03/09/2011 13:54	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	100	03/10/2011 22:30	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**39100**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	20	03/11/2011 09:32	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.88U	4.00	0.88	mg/L
7440-36-0	**Antimony**	**0.12B**	**1.20**	**0.081**	**mg/L**
7440-38-2	**Arsenic**	**0.10B**	**0.20**	**0.051**	**mg/L**
7440-39-3	Barium	0.0022U	0.20	0.0022	mg/L
7440-41-7	Beryllium	0.0023U	0.10	0.0023	mg/L
7440-43-9	Cadmium	0.0022U	0.10	0.0022	mg/L
7440-70-2	**Calcium**	**1130**	**2.00**	**0.51**	**mg/L**
7440-47-3	**Chromium**	**0.062B**	**0.20**	**0.0069**	**mg/L**
7440-48-4	Cobalt	0.0079U	0.20	0.0079	mg/L
7440-50-8	**Copper**	**0.24**	**0.20**	**0.027**	**mg/L**
7439-89-6	Iron	0.75U	2.00	0.75	mg/L
7439-92-1	Lead	0.028U	0.30	0.028	mg/L
7439-95-4	**Magnesium**	**9430**	**2.00**	**0.29**	**mg/L**
7439-96-5	**Manganese**	**1.59**	**0.30**	**0.025**	**mg/L**
7440-02-0	**Nickel**	**0.10B**	**0.80**	**0.019**	**mg/L**
7440-09-7	**Potassium**	**187**	**10.0**	**1.05**	**mg/L**
7782-49-2	Selenium	0.087U	0.80	0.087	mg/L
7440-22-4	Silver	0.012U	0.20	0.012	mg/L
7440-28-0	Thallium	0.035U	0.40	0.035	mg/L
7440-62-2	Vanadium	0.016U	0.40	0.016	mg/L
7440-66-6	Zinc	0.054U	0.40	0.054	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050426	**AOCU-GW35-A-M**	Water	03/03/2011 14:46	03/05/2011 09:15

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451925	SW-846 7470A Dissolved	1	03/09/2011 13:56	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	100	03/10/2011 22:37	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**37400**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/07/2011 11:00	451923	SW-846 3005 Dissolved	20	03/11/2011 09:39	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.88U	4.00	0.88	mg/L
7440-36-0	**Antimony**	**0.090B**	**1.20**	**0.081**	**mg/L**
7440-38-2	Arsenic	0.051U	0.20	0.051	mg/L
7440-39-3	Barium	0.0022U	0.20	0.0022	mg/L
7440-41-7	Beryllium	0.0023U	0.10	0.0023	mg/L
7440-43-9	Cadmium	0.0022U	0.10	0.0022	mg/L
7440-70-2	**Calcium**	**1140**	**2.00**	**0.51**	**mg/L**
7440-47-3	**Chromium**	**0.056B**	**0.20**	**0.0069**	**mg/L**
7440-48-4	Cobalt	0.0079U	0.20	0.0079	mg/L
7440-50-8	**Copper**	**0.24**	**0.20**	**0.027**	**mg/L**
7439-89-6	Iron	0.75U	2.00	0.75	mg/L
7439-92-1	Lead	0.028U	0.30	0.028	mg/L
7439-95-4	**Magnesium**	**9600**	**2.00**	**0.29**	**mg/L**
7439-96-5	**Manganese**	**1.61**	**0.30**	**0.025**	**mg/L**
7440-02-0	**Nickel**	**0.088B**	**0.80**	**0.019**	**mg/L**
7440-09-7	**Potassium**	**190**	**10.0**	**1.05**	**mg/L**
7782-49-2	Selenium	0.087U	0.80	0.087	mg/L
7440-22-4	Silver	0.012U	0.20	0.012	mg/L
7440-28-0	Thallium	0.035U	0.40	0.035	mg/L
7440-62-2	Vanadium	0.016U	0.40	0.016	mg/L
7440-66-6	Zinc	0.054U	0.40	0.054	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050427	**AOCU-GW26 DUP**	Water	03/03/2011 13:05	03/05/2011 09:15

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/07/2011 13:15	DJH	451933

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**97000**	**500**	**500**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050428	**AOCU-GW19-M**	Water	03/04/2011 09:21	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452016	SW-846 7470A Dissolved	1	03/09/2011 14:10	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	100	03/10/2011 22:58	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**47300**	**100**	**5.14**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	20	03/11/2011 10:08	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.88U	4.00	0.88	mg/L
7440-36-0	**Antimony**	**0.13B**	**1.20**	**0.081**	**mg/L**
7440-38-2	Arsenic	0.051U	0.20	0.051	mg/L
7440-39-3	Barium	0.0022U	0.20	0.0022	mg/L
7440-41-7	Beryllium	0.0023U	0.10	0.0023	mg/L
7440-43-9	Cadmium	0.0022U	0.10	0.0022	mg/L
7440-70-2	**Calcium**	**822**	**2.00**	**0.51**	**mg/L**
7440-47-3	**Chromium**	**0.057B**	**0.20**	**0.0069**	**mg/L**
7440-48-4	Cobalt	0.0079U	0.20	0.0079	mg/L
7440-50-8	**Copper**	**0.26**	**0.20**	**0.027**	**mg/L**
7439-89-6	Iron	0.75U	2.00	0.75	mg/L
7439-92-1	Lead	0.028U	0.30	0.028	mg/L
7439-95-4	**Magnesium**	**9200**	**2.00**	**0.29**	**mg/L**
7439-96-5	**Manganese**	**1.06**	**0.30**	**0.025**	**mg/L**
7440-02-0	**Nickel**	**0.089B**	**0.80**	**0.019**	**mg/L**
7440-09-7	**Potassium**	**327**	**10.0**	**1.05**	**mg/L**
7782-49-2	Selenium	0.087U	0.80	0.087	mg/L
7440-22-4	Silver	0.012U	0.20	0.012	mg/L
7440-28-0	Thallium	0.035U	0.40	0.035	mg/L
7440-62-2	Vanadium	0.016U	0.40	0.016	mg/L
7440-66-6	Zinc	0.054U	0.40	0.054	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050429	**AOCU-GW20-M**	Water	03/04/2011 09:46	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452016	SW-846 7470A Dissolved	2	03/09/2011 14:56	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.00016U	0.00040	0.00016	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	10	03/10/2011 19:22	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.097B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.047B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**899**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.014B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	Copper	0.014U	0.10	0.014	mg/L
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**8540**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**1.04**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.068B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**331**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	100	03/10/2011 23:05	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**39900**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050430	**AOCU-GW22-M**	Water	03/04/2011 10:46	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452016	SW-846 7470A Dissolved	1	03/09/2011 14:12	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	10	03/10/2011 20:00	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.092B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.058B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**953**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.023B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	**Copper**	**0.029B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**7320**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.94**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.066B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**215**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	100	03/10/2011 23:12	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**33300**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050431	**AOCU-GW24-M**	Water	03/04/2011 10:51	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452016	SW-846 7470A Dissolved	1	03/09/2011 14:14	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452013	SW-846 3005 Dissolved	10	03/11/2011 17:05	CLB	452295

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.056B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.098B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**860**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.0044B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	Copper	0.014U	0.10	0.014	mg/L
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**6890**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.34**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.046B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**226**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452013	SW-846 3005 Dissolved	100	03/14/2011 14:22	BNB	452388

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**31800**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103050432	**AOCU-GW24-A-M**	Water	03/04/2011 10:51	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452016	SW-846 7470A Dissolved	1	03/09/2011 14:15	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452013	SW-846 3005 Dissolved	10	03/11/2011 17:40	CLB	452295

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.061B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.049B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**836**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.015B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	**Cobalt**	**0.0044B**	**0.10**	**0.0040**	**mg/L**
7440-50-8	**Copper**	**0.015B**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**6510**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.32**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.056B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**234**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452013	SW-846 3005 Dissolved	100	03/14/2011 15:01	BNB	452388

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**33000**	**100**	**5.14**	**mg/L**

GC/MS Volatiles Quality Control Summary

Analytical Batch 451920	**Client ID**	MB451920	LCS451920	LCSD451920
Prep Batch N/A	**GCAL ID**	926762	926763	926764
	Sample Type	Method Blank	LCS	LCSD
	Analytical Date	03/07/2011 09:52	03/07/2011 08:14	03/07/2011 08:50
	Matrix	Water	Water	Water

SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
67-64-1	Acetone	0.322U	0.322	50.0	56.0	112	59 - 134	54.6	109	3	30
107-02-8	Acrolein	2.49U	2.49	250	360	144	33 - 157	365	146	1	30
107-13-1	Acrylonitrile	1.62U	1.62	250	462	**185***	62 - 124	491	**196***	6	30
74-97-5	Bromochloromethane	0.238U	0.238	50.0	42.2	84	78 - 112	43.3	87	3	30
75-27-4	Bromodichloromethane	0.071U	0.071	50.0	45.7	91	76 - 116	45.3	91	0.9	30
75-25-2	Bromoform	0.278U	0.278	50.0	49.4	99	68 - 128	50.2	100	2	30
74-83-9	Bromomethane	0.276U	0.276	50.0	53.9	108	55 - 151	53.6	107	0.6	30
75-15-0	Carbon disulfide	0.190U	0.190	50.0	51.0	102	67 - 147	49.5	99	3	30
56-23-5	Carbon tetrachloride	0.056U	0.056	50.0	51.5	103	74 - 139	48.4	97	6	30
75-00-3	Chloroethane	0.279U	0.279	50.0	51.2	102	54 - 166	51.8	104	1	30
136777-61-2	m,p-Xylene	0.099U	0.099	100	99.1	99	83 - 121	94.5	95	5	30
67-66-3	Chloroform	0.062U	0.062	50.0	45.4	91	85 - 123	44.4	89	2	30
74-87-3	Chloromethane	0.076U	0.076	50.0	50.5	101	55 - 173	50.9	102	0.8	30
124-48-1	Dibromochloromethane	0.133U	0.133	50.0	48.7	97	74 - 116	47.7	95	2	30
74-95-3	Dibromomethane	0.197U	0.197	50.0	48.0	96	81 - 116	48.6	97	1	30
75-71-8	Dichlorodifluoromethane	0.088U	0.088	50.0	52.2	104	34 - 158	49.4	99	6	30
75-34-3	1,1-Dichloroethane	0.064U	0.064	50.0	50.4	101	82 - 127	48.8	98	3	30
107-06-2	1,2-Dichloroethane	0.121U	0.121	50.0	49.2	98	76 - 122	47.9	96	3	30
156-59-2	cis-1,2-Dichloroethene	0.104U	0.104	50.0	49.4	99	81 - 114	46.7	93	6	30
156-60-5	trans-1,2-Dichloroethene	0.096U	0.096	50.0	50.9	102	82 - 126	49.7	99	2	30
75-09-2	Methylene chloride	0.102U	0.102	50.0	48.8	98	69 - 125	46.7	93	4	30
78-87-5	1,2-Dichloropropane	0.114U	0.114	50.0	47.8	96	81 - 120	47.3	95	1	30
10061-01-5	cis-1,3-Dichloropropene	0.105U	0.105	50.0	47.2	94	83 - 119	44.9	90	5	30
10061-02-6	trans-1,3-Dichloropropene	0.068U	0.068	50.0	47.8	96	87 - 123	47.9	96	0.2	30
100-41-4	Ethylbenzene	0.180U	0.180	50.0	48.4	97	87 - 118	48.2	96	0.4	30
97-63-2	Ethyl methacrylate	0.340U	0.340								
591-78-6	2-Hexanone	0.302U	0.302	50.0	47.2	94	58 - 125	49.2	98	4	30
98-82-8	Isopropylbenzene (Cumene)	0.058U	0.058	50.0	51.6	103	87 - 131	47.7	95	8	30
78-93-3	2-Butanone	0.235U	0.235	50.0	50.3	101	61 - 127	52.4	105	4	30
74-88-4	Methyl iodide	0.097U	0.097	50.0	43.2	86	72 - 125	43.2	86	0	30
108-10-1	4-Methyl-2-pentanone	0.142U	0.142	50.0	45.8	92	62 - 125	48.7	97	6	30
103-65-1	n-Propylbenzene	0.069U	0.069	50.0	51.3	103	86 - 125	51.0	102	0.6	30
100-42-5	Styrene	0.058U	0.058	50.0	48.2	96	78 - 118	47.5	95	1	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451920		**Client ID**	MB451920			LCS451920			LCSD451920		
Prep Batch N/A		**GCAL ID**	926762			926763			926764		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/07/2011 09:52			03/07/2011 08:14			03/07/2011 08:50		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
127-18-4	Tetrachloroethene	0.210U	0.210		50.0	47.6	95	80 - 131	46.4	93	3	30
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	0.150		50.0	44.9	90	81 - 119	44.4	89	1	30
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	0.112		50.0	47.1	94	71 - 120	48.8	98	4	30
120-82-1	1,2,4-Trichlorobenzene	0.138U	0.138		50.0	49.8	100	68 - 123	50.7	101	2	30
71-55-6	1,1,1-Trichloroethane	0.078U	0.078		50.0	49.7	99	79 - 133	46.8	94	6	30
79-00-5	1,1,2-Trichloroethane	0.179U	0.179		50.0	46.9	94	80 - 114	46.0	92	2	30
75-69-4	Trichlorofluoromethane	0.094U	0.094		50.0	55.7	111	66 - 156	53.3	107	4	30
96-18-4	1,2,3-Trichloropropane	0.063U	0.063		50.0	47.8	96	77 - 115	49.1	98	3	30
95-63-6	1,2,4-Trimethylbenzene	0.080U	0.080		50.0	49.9	100	82 - 120	48.9	98	2	30
108-67-8	1,3,5-Trimethylbenzene	0.053U	0.053		50.0	49.0	98	83 - 123	48.7	97	0.6	30
75-01-4	Vinyl chloride	0.104U	0.104		50.0	53.0	106	57 - 153	51.4	103	3	30
95-47-6	o-Xylene	0.077U	0.077		50.0	48.6	97	83 - 121	46.0	92	5	30
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	0.082		50.0	44.1	88	61 - 118	47.0	94	6	30
106-93-4	1,2-Dibromoethane	0.169U	0.169		50.0	44.8	90	80 - 115	46.7	93	4	30
80-62-6	Methyl methacrylate	0.606U	0.606									
107-12-0	Propionitrile	3.06U	3.06									
108-05-4	Vinyl acetate	0.197U	0.197		50.0	55.7	111	38 - 159	55.4	111	0.5	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	0.084		50.0	48.1	96	75 - 116	50.0	100	4	30
99-87-6	4-Isopropyltoluene	0.175U	0.175		50.0	52.8	106	83 - 125	50.6	101	4	30
110-54-3	n-Hexane	0.126U	0.126		50.0	60.0	120	71 - 134	60.5	121	0.8	30
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	0.429		50.0	49.1	98	51 - 137	50.8	102	3	30
594-20-7	2,2-Dichloropropane	0.112U	0.112		50.0	47.8	96	77 - 138	45.1	90	6	30
76-13-1	Trichlorotrifluoroethane	0.141U	0.141		50.0	57.9	116	74 - 139	54.4	109	6	30
563-58-6	1,1-Dichloropropene	0.071U	0.071		50.0	49.5	99	87 - 127	49.0	98	1	30
110-75-8	2-Chloroethylvinyl ether	1.20U	1.20		50.0	49.2	98	63 - 125	50.4	101	2	30
142-28-9	1,3-Dichloropropane	0.113U	0.113		50.0	48.4	97	81 - 113	48.4	97	0	30
108-86-1	Bromobenzene	0.095U	0.095		50.0	44.6	89	83 - 115	47.0	94	5	30
95-49-8	2-Chlorotoluene	0.090U	0.090		50.0	49.3	99	81 - 121	48.7	97	1	30
106-43-4	4-Chlorotoluene	0.046U	0.046		50.0	49.0	98	84 - 120	48.6	97	0.8	30
98-06-6	tert-Butylbenzene	0.058U	0.058		50.0	51.9	104	83 - 126	51.3	103	1	30
135-98-8	sec-Butylbenzene	0.088U	0.088		50.0	53.2	106	86 - 127	50.5	101	5	30
541-73-1	1,3-Dichlorobenzene	0.080U	0.080		50.0	45.7	91	86 - 115	46.0	92	0.7	30
106-46-7	1,4-Dichlorobenzene	0.058U	0.058		50.0	48.1	96	87 - 113	46.4	93	4	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 451920		**Client ID**	MB451920			LCS451920			LCSD451920		
Prep Batch N/A		**GCAL ID**	926762			926763			926764		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/07/2011 09:52			03/07/2011 08:14			03/07/2011 08:50		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
104-51-8	n-Butylbenzene		0.068U	0.068	50.0	57.2	114	84 - 124	53.4	107	7	30
95-50-1	1,2-Dichlorobenzene		0.086U	0.086	50.0	48.7	97	85 - 115	46.5	93	5	30
87-68-3	Hexachlorobutadiene		0.347U	0.347	50.0	58.3	117	71 - 133	53.2	106	9	30
91-20-3	Naphthalene		0.175U	0.175	50.0	46.2	92	59 - 125	48.9	98	6	35
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	49.5	99	64 - 126	51.0	102	3	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	54.4	109	87 - 128	52.3	105	4	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	52.0	104	75 - 133	50.8	102	2	20
71-43-2	Benzene		0.049U	0.049	50.0	48.1	96	83 - 124	47.4	95	1	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	47.9	96	85 - 124	46.6	93	3	20
108-88-3	Toluene		0.078U	0.078	50.0	47.1	94	86 - 116	45.7	91	3	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	45.2	90	87 - 115	45.4	91	0.4	20
Surrogate												
460-00-4	4-Bromofluorobenzene		46	92	50	49.9	100	84 - 120	49.2	98		
1868-53-7	Dibromofluoromethane		48.5	97	50	50.4	101	87 - 116	50.8	102		
2037-26-5	Toluene d8		48.4	97	50	48.9	98	86 - 112	49.2	98		
17060-07-0	1,2-Dichloroethane-d4		50.9	102	50	52.3	105	76 - 127	52.9	106		

Analytical Batch 451920		**Client ID**	AOCU-GW26			AOCU-GW26-MS			AOCU-GW26-MSD		
Prep Batch N/A		**GCAL ID**	21103050401			21103050403			21103050404		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/07/2011 10:29			03/07/2011 13:57			03/07/2011 14:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
630-20-6	1,1,1,2-Tetrachloroethane		0.00	0.150	50.0	42.7	85	81 - 119	40.4	81	6	10
71-55-6	1,1,1-Trichloroethane		0.00	0.078	50.0	50.1	100	79 - 133	46.7	93	7	11
79-34-5	1,1,2,2-Tetrachloroethane		0.00	0.112	50.0	59.8	120	71 - 120	60.2	120	0.7	11
79-00-5	1,1,2-Trichloroethane		0.00	0.179	50.0	45.6	91	80 - 114	46.7	93	2	11

GC/MS Volatiles Quality Control Summary

Analytical Batch 451920	**Client ID**	AOCU-GW26	AOCU-GW26-MS	AOCU-GW26-MSD
Prep Batch N/A	**GCAL ID**	21103050401	21103050403	21103050404
	Sample Type	SAMPLE	MS	MSD
	Analytical Date	03/07/2011 10:29	03/07/2011 13:57	03/07/2011 14:20
	Matrix	Water	Water	Water

SW-846 8260B Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
75-34-3	1,1-Dichloroethane	0.00	0.064	50.0	53.8	108	82 - 127	51.8	104	4	10
75-35-4	1,1-Dichloroethene	0.00	0.183	50.0	49.5	99	75 - 133	48.7	97	2	13
563-58-6	1,1-Dichloropropene	0.00	0.071	50.0	46.5	93	87 - 127	46.8	94	0.6	10
87-61-6	1,2,3-Trichlorobenzene	0.00	0.107	50.0	43.3	87	64 - 126	44.4	89	3	16
96-18-4	1,2,3-Trichloropropane	0.00	0.063	50.0	63.3	**127***	77 - 115	63.2	**126***	0.2	12
120-82-1	1,2,4-Trichlorobenzene	0.00	0.138	50.0	43.2	86	68 - 123	42.7	85	1	11
95-63-6	1,2,4-Trimethylbenzene	0.00	0.080	50.0	44.9	90	82 - 120	45.0	90	0.2	10
96-12-8	1,2-Dibromo-3-chloropropane	0.00	0.082	50.0	65.4	**131***	61 - 118	69.0	**138***	5	15
106-93-4	1,2-Dibromoethane	0.00	0.169	50.0	48.0	96	80 - 115	48.5	97	1	10
95-50-1	1,2-Dichlorobenzene	0.00	0.086	50.0	45.4	91	85 - 115	45.0	90	0.9	9
107-06-2	1,2-Dichloroethane	0.00	0.121	50.0	52.3	105	76 - 122	51.6	103	1	11
78-87-5	1,2-Dichloropropane	0.00	0.114	50.0	52.8	106	81 - 120	48.1	96	9	11
108-67-8	1,3,5-Trimethylbenzene	0.00	0.053	50.0	43.8	88	83 - 123	44.1	88	0.7	10
541-73-1	1,3-Dichlorobenzene	0.00	0.080	50.0	43.1	86	86 - 115	42.8	86	0.7	9
142-28-9	1,3-Dichloropropane	0.00	0.113	50.0	49.0	98	81 - 113	49.5	99	1	11
106-46-7	1,4-Dichlorobenzene	0.00	0.058	50.0	42.4	**85***	87 - 113	42.7	**85***	0.7	10
544-10-5	1-Chlorohexane	0.00	0.139	50.0	37.2	**74***	87 - 128	34.9	**70***	6	10
594-20-7	2,2-Dichloropropane	0.00	0.112	50.0	44.2	88	77 - 138	43.2	86	2	12
78-93-3	2-Butanone	0.00	0.235	50.0	72.5	**145***	61 - 127	71.6	**143***	1	13
110-75-8	2-Chloroethylvinyl ether	0.00	1.20	50.0	0.00	**0***	63 - 125	0.00	**0***	0	24
95-49-8	2-Chlorotoluene	0.00	0.090	50.0	44.3	89	81 - 121	46.3	93	4	10
591-78-6	2-Hexanone	0.00	0.302	50.0	77.9	**156***	58 - 125	78.4	**157***	0.6	14
106-43-4	4-Chlorotoluene	0.00	0.046	50.0	44.8	90	84 - 120	43.8	88	2	10
99-87-6	4-Isopropyltoluene	0.00	0.175	50.0	44.3	89	83 - 125	44.0	88	0.7	9
108-10-1	4-Methyl-2-pentanone	0.00	0.142	50.0	80.2	**160***	62 - 125	78.5	**157***	2	13
67-64-1	Acetone	0.00	0.322	50.0	52.5	105	59 - 134	54.4	109	4	14
107-02-8	Acrolein	0.00	2.49	250	426	**170***	33 - 157	420	**168***	1	21
107-13-1	Acrylonitrile	0.00	1.62	250	671	**268***	62 - 124	658	**263***	2	13
71-43-2	Benzene	0.00	0.049	50.0	50.2	100	83 - 124	46.0	92	9	11
108-86-1	Bromobenzene	0.00	0.095	50.0	47.4	95	83 - 115	45.1	90	5	10
74-97-5	Bromochloromethane	0.00	0.238	50.0	47.1	94	78 - 112	44.1	88	7	10
75-27-4	Bromodichloromethane	0.00	0.071	50.0	49.5	99	76 - 116	48.4	97	2	10
75-25-2	Bromoform	0.00	0.278	50.0	49.2	98	68 - 128	49.7	99	1	11

GC/MS Volatiles Quality Control Summary

Analytical Batch 451920		**Client ID**	AOCU-GW26			AOCU-GW26-MS			AOCU-GW26-MSD		
Prep Batch N/A		**GCAL ID**	21103050401			21103050403			21103050404		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/07/2011 10:29			03/07/2011 13:57			03/07/2011 14:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
74-83-9	Bromomethane	0.00		0.276	50.0	41.9	84	55 - 151	50.7	101	19	21
75-15-0	Carbon disulfide	0.00		0.190	50.0	44.4	89	67 - 147	46.8	94	5	12
56-23-5	Carbon tetrachloride	0.00		0.056	50.0	51.5	103	74 - 139	46.2	92	11	13
108-90-7	Chlorobenzene	0.00		0.055	50.0	42.1	**84***	87 - 115	40.9	**82***	3	9
75-00-3	Chloroethane	0.00		0.279	50.0	51.6	103	54 - 166	49.0	98	5	20
67-66-3	Chloroform	0.00		0.062	50.0	48.9	98	85 - 123	44.1	88	10	10
74-87-3	Chloromethane	0.00		0.076	50.0	55.1	110	55 - 173	59.3	119	7	22
124-48-1	Dibromochloromethane	0.00		0.133	50.0	47.6	95	74 - 116	46.2	92	3	11
74-95-3	Dibromomethane	0.00		0.197	50.0	52.1	104	81 - 116	48.9	98	6	10
75-71-8	Dichlorodifluoromethane	0.00		0.088	50.0	50.2	100	34 - 158	46.9	94	7	22
100-41-4	Ethylbenzene	0.00		0.180	50.0	41.7	**83***	87 - 118	41.3	**83***	1	10
87-68-3	Hexachlorobutadiene	0.00		0.347	50.0	44.6	89	71 - 133	45.7	91	2	12
98-82-8	Isopropylbenzene (Cumene)	0.00		0.058	50.0	39.4	**79***	87 - 131	38.9	**78***	1	10
74-88-4	Methyl iodide	0.00		0.097	50.0	32.8	**66***	72 - 125	28.5	**57***	**14***	11
75-09-2	Methylene chloride	0.00		0.102	50.0	49.8	100	69 - 125	49.4	99	0.8	11
91-20-3	Naphthalene	0.00		0.175	50.0	49.0	98	59 - 125	51.3	103	5	15
100-42-5	Styrene	0.00		0.058	50.0	38.0	**76***	78 - 118	37.5	**75***	1	11
127-18-4	Tetrachloroethene	0.00		0.210	50.0	41.4	83	80 - 131	39.4	**79***	5	12
108-88-3	Toluene	0.00		0.078	50.0	44.3	89	86 - 116	43.0	86	3	10
79-01-6	Trichloroethene	0.00		0.094	50.0	45.0	90	85 - 124	43.1	86	4	10
75-69-4	Trichlorofluoromethane	0.00		0.094	50.0	53.5	107	66 - 156	50.6	101	6	15
76-13-1	Trichlorotrifluoroethane	0.00		0.141	50.0	49.0	98	74 - 139	47.5	95	3	13
108-05-4	Vinyl acetate	0.00		0.197	50.0	71.9	144	38 - 159	69.6	139	3	11
75-01-4	Vinyl chloride	0.00		0.104	50.0	52.7	105	57 - 153	52.0	104	1	22
156-59-2	cis-1,2-Dichloroethene	0.00		0.104	50.0	52.7	105	81 - 114	48.8	98	8	10
10061-01-5	cis-1,3-Dichloropropene	0.00		0.105	50.0	49.0	98	83 - 119	47.0	94	4	10
136777-61-2	m,p-Xylene	0.00		0.099	100	81.7	**82***	83 - 121	79.4	**79***	3	10
104-51-8	n-Butylbenzene	0.00		0.068	50.0	46.7	93	84 - 124	46.7	93	0	10
110-54-3	n-Hexane	0.00		0.126	50.0	45.0	90	71 - 134	42.0	84	7	11
103-65-1	n-Propylbenzene	0.00		0.069	50.0	45.2	90	86 - 125	43.3	87	4	10
95-47-6	o-Xylene	0.00		0.077	50.0	42.5	85	83 - 121	41.0	**82***	4	10
135-98-8	sec-Butylbenzene	0.00		0.088	50.0	44.8	90	86 - 127	44.0	88	2	10
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00		0.084	50.0	52.0	104	75 - 116	52.1	104	0.2	10

GC/MS Volatiles Quality Control Summary

Analytical Batch	451920	**Client ID**	AOCU-GW26			AOCU-GW26-MS			AOCU-GW26-MSD		
Prep Batch	N/A	**GCAL ID**	21103050401			21103050403			21103050404		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/07/2011 10:29			03/07/2011 13:57			03/07/2011 14:20		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
98-06-6	tert-Butylbenzene		0.00	0.058	50.0	45.1	90	83 - 126	45.0	90	0.2	10
156-60-5	trans-1,2-Dichloroethene		0.00	0.096	50.0	50.6	101	82 - 126	49.1	98	3	10
10061-02-6	trans-1,3-Dichloropropene		0.00	0.068	50.0	45.7	91	87 - 123	44.2	88	3	10
110-57-6	trans-1,4-Dichloro-2-butene		0.00	0.429	50.0	65.6	131	51 - 137	64.9	130	1	24
Surrogate												
460-00-4	4-Bromofluorobenzene		43.9	88	50	44	88	84 - 120	45.1	90		
1868-53-7	Dibromofluoromethane		49.6	99	50	51.9	104	87 - 116	52	104		
2037-26-5	Toluene d8		50	100	50	46.8	94	86 - 112	47	94		
17060-07-0	1,2-Dichloroethane-d4		52.4	105	50	55.7	111	76 - 127	52.8	106		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452114	**Client ID**	MB451977			LCS451977			LCSD451977		
Prep Batch	451977	**GCAL ID**	926918			926919			926920		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/08/2011 12:50			03/08/2011 12:50			03/08/2011 12:50		
		Analytical Date	03/09/2011 12:11			03/09/2011 12:25			03/09/2011 14:24		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
208-96-8	Acenaphthylene	0.303U	0.303									
120-12-7	Anthracene	0.316U	0.316									
56-55-3	Benzo(a)anthracene	0.316U	0.316									
92-87-5	Benzidine	3.92U	3.92									
205-99-2	Benzo(b)fluoranthene	0.217U	0.217									
207-08-9	Benzo(k)fluoranthene	0.236U	0.236									
191-24-2	Benzo(g,h,i)perylene	0.215U	0.215									
50-32-8	Benzo(a)pyrene	0.125U	0.125									
65-85-0	Benzoic acid	0.910U	0.910									
85-68-7	Butyl benzyl phthalate	0.165U	0.165									
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	0.290									
111-44-4	Bis(2-Chloroethyl)ether	0.288U	0.288									
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	0.257									
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	0.191									
101-55-3	4-Bromophenyl phenyl ether	0.337U	0.337									
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	0.268									
218-01-9	Chrysene	0.433U	0.433									
53-70-3	Dibenz(a,h)anthracene	0.217U	0.217									
132-64-9	Dibenzofuran	0.227U	0.227									
95-50-1	1,2-Dichlorobenzene	0.259U	0.259									
541-73-1	1,3-Dichlorobenzene	0.274U	0.274									
91-94-1	3,3'-Dichlorobenzidine	0.297U	0.297									
120-83-2	2,4-Dichlorophenol	0.217U	0.217									
84-66-2	Diethyl phthalate	0.303U	0.303									
105-67-9	2,4-Dimethylphenol	0.694U	0.694									
131-11-3	Dimethyl phthalate	0.255U	0.255									
117-84-0	Di-n-octyl phthalate	0.167U	0.167									
51-28-5	2,4-Dinitrophenol	2.60U	2.60									
606-20-2	2,6-Dinitrotoluene	0.352U	0.352									
206-44-0	Fluoranthene	0.267U	0.267									
86-73-7	Fluorene	0.288U	0.288									
118-74-1	Hexachlorobenzene	0.249U	0.249									

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452114	**Client ID**	MB451977			LCS451977			LCSD451977		
Prep Batch	451977	**GCAL ID**	926918			926919			926920		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/08/2011 12:50			03/08/2011 12:50			03/08/2011 12:50		
		Analytical Date	03/09/2011 12:11			03/09/2011 12:25			03/09/2011 14:24		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	ug/L		**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**		**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-68-3	Hexachlorobutadiene	0.192U	0.192									
77-47-4	Hexachlorocyclopentadiene	0.174U	0.174									
67-72-1	Hexachloroethane	0.299U	0.299									
78-59-1	Isophorone	0.380U	0.380									
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	0.157									
91-57-6	2-Methylnaphthalene	0.255U	0.255									
95-48-7	o-Cresol	0.329U	0.329									
91-20-3	Naphthalene	0.293U	0.293									
98-95-3	Nitrobenzene	0.329U	0.329									
88-75-5	2-Nitrophenol	0.357U	0.357									
86-30-6	n-Nitrosodiphenylamine	0.364U	0.364									
85-01-8	Phenanthrene	0.304U	0.304									
95-95-4	2,4,5-Trichlorophenol	0.317U	0.317									
88-06-2	2,4,6-Trichlorophenol	0.275U	0.275									
100-51-6	Benzyl alcohol	0.355U	0.355									
99-09-2	3-Nitroaniline	0.226U	0.226									
100-01-6	4-Nitroaniline	0.221U	0.221									
84-74-2	Di-n-butyl phthalate	0.189U	0.189									
88-74-4	2-Nitroaniline	0.198U	0.198									
91-58-7	2-Chloronaphthalene	0.221U	0.221									
106-47-8	4-Chloroaniline	0.463U	0.463									
1319-77-3MP	m,p-Cresol	0.352U	0.352									
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	1.98									
108-95-2	Phenol	0.150U	0.150		100	29.1	29	13 - 54	28.8	29	1	30
95-57-8	2-Chlorophenol	0.276U	0.276		100	77.9	78	44 - 103	75.2	75	4	30
106-46-7	1,4-Dichlorobenzene	0.255U	0.255		100	78.5	79	40 - 100	74.4	74	5	30
621-64-7	n-Nitrosodi-n-propylamine	0.304U	0.304		100	92.7	93	51 - 104	85.3	85	8	30
120-82-1	1,2,4-Trichlorobenzene	0.234U	0.234		100	80.0	80	45 - 104	76.5	77	4	30
59-50-7	4-Chloro-3-methylphenol	0.234U	0.234		100	87.4	87	53 - 105	81.9	82	6	30
83-32-9	Acenaphthene	0.268U	0.268		100	90.2	90	58 - 106	85.8	86	5	30
100-02-7	4-Nitrophenol	1.83U	1.83		100	27.9	28	13 - 55	25.3	25	10	30
121-14-2	2,4-Dinitrotoluene	0.263U	0.263		100	97.6	98	60 - 109	90.5	91	8	30

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452114	**Client ID**	MB451977			LCS451977			LCSD451977		
Prep Batch	451977	**GCAL ID**	926918			926919			926920		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/08/2011 12:50			03/08/2011 12:50			03/08/2011 12:50		
		Analytical Date	03/09/2011 12:11			03/09/2011 12:25			03/09/2011 14:24		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-86-5	Pentachlorophenol	0.168U		0.168	100	62.7	63	57 - 118	56.7	57	10	30
129-00-0	Pyrene	0.486U		0.486	100	81.0	81	60 - 113	88.6	89	9	30
Surrogate												
4165-60-0	Nitrobenzene-d5	35.3		71	50	42.5	85	52 - 120	44.6	89		
321-60-8	2-Fluorobiphenyl	32.4		65	50	39.7	79	16 - 128	39.8	80		
1718-51-0	Terphenyl-d14	33		66	50	40.3	81	43 - 138	44.8	90		
4165-62-2	Phenol-d5	21.4		21	100	28.8	29	10 - 120	30.6	31		
367-12-4	2-Fluorophenol	38		38	100	48.1	48	10 - 120	48.7	49		
118-79-6	2,4,6-Tribromophenol	70		70	100	90	90	20 - 120	87.8	88		

Analytical Batch	452114	**Client ID**	AOCU-GW26			AOCU-GW26-MS			AOCU-GW26-MSD		
Prep Batch	451977	**GCAL ID**	21103050401			21103050403			21103050404		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/08/2011 12:50			03/08/2011 12:50			03/08/2011 12:50		
		Analytical Date	03/09/2011 14:38			03/09/2011 14:54			03/09/2011 15:08		
		Matrix	Water			Water			Water		
SW-846 8270C Water		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	0.00		0.234	100	73.4	73	45 - 104	69.7	70	5	28
106-46-7	1,4-Dichlorobenzene	0.00		0.255	100	72.1	72	40 - 100	65.5	66	10	28
121-14-2	2,4-Dinitrotoluene	0.00		0.263	100	95.4	95	60 - 109	95.6	96	0.2	20
95-57-8	2-Chlorophenol	0.00		0.276	100	81.8	82	44 - 103	82.4	82	0.7	29
59-50-7	4-Chloro-3-methylphenol	0.00		0.234	100	88.9	89	53 - 105	91.6	92	3	24
100-02-7	4-Nitrophenol	0.00		1.83	100	32.2	32	13 - 55	31.9	32	0.9	31
83-32-9	Acenaphthene	0.00		0.268	100	89.3	89	58 - 106	87.2	87	2	21
87-86-5	Pentachlorophenol	0.00		0.168	100	63.4	63	57 - 118	61.2	61	4	26
108-95-2	Phenol	0.00		0.150	100	46.3	46	13 - 54	46.3	46	0	34
129-00-0	Pyrene	0.00		0.486	100	86.9	87	60 - 113	105	105	19	20
621-64-7	n-Nitrosodi-n-propylamine	0.00		0.304	100	91.3	91	51 - 104	92.4	92	1	28
Surrogate												
4165-60-0	Nitrobenzene-d5	46.1		92	50	44.6	89	52 - 120	44.6	89		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452114	**Client ID**	AOCU-GW26	AOCU-GW26-MS	AOCU-GW26-MSD
Prep Batch	451977	**GCAL ID**	21103050401	21103050403	21103050404
Prep Method	3510C	**Sample Type**	SAMPLE	MS	MSD
		Prep Date	03/08/2011 12:50	03/08/2011 12:50	03/08/2011 12:50
		Analytical Date	03/09/2011 14:38	03/09/2011 14:54	03/09/2011 15:08
		Matrix	Water	Water	Water

SW-846 8270C Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
321-60-8	2-Fluorobiphenyl	40.3	81	50	40.1	80	16 - 128	38.4	77		
1718-51-0	Terphenyl-d14	37.9	76	50	35.1	70	43 - 138	45.7	91		
4165-62-2	Phenol-d5	48.6	49	100	47.7	48	10 - 120	47.2	47		
367-12-4	2-Fluorophenol	59	59	100	61.6	62	10 - 120	59.3	59		
118-79-6	2,4,6-Tribromophenol	82	82	100	92.4	92	20 - 120	90.3	90		

General Chromatography Quality Control Summary

Analytical Batch	452105	**Client ID**	MB451975			LCS451975			LCSD451975		
Prep Batch	451975	**GCAL ID**	926908			926909			926910		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/08/2011 09:35			03/08/2011 09:35			03/08/2011 09:35		
		Analytical Date	03/08/2011 12:20			03/08/2011 14:45			03/08/2011 12:55		
		Matrix	Water			Water			Water		
SW-846 8015B			**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
			Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
GCSV-00-4	Diesel Range Organics		44.2U	44.2	1000	978	98	50 - 150	934	93	5	40
Surrogate												
84-15-1	o-Terphenyl		47.2	94	50	44.2	88	57 - 115	46.9	94		

Analytical Batch	452105	**Client ID**	AOCU-GW26			AOCU-GW26-MS			AOCU-GW26-MSD		
Prep Batch	451975	**GCAL ID**	21103050401			21103050403			21103050404		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/08/2011 09:35			03/08/2011 09:35			03/08/2011 09:35		
		Analytical Date	03/08/2011 13:49			03/08/2011 14:06			03/08/2011 14:27		
		Matrix	Water			Water			Water		
Total Hydrocarbons Diesel Wate			**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
			Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
GCSV-00-4	Diesel Range Organics		26.3	44.2	1000	906	88	50 - 150	928	90	2	30
Surrogate												
84-15-1	o-Terphenyl		46.6	93	50	49.4	99	57 - 115	47.4	95		

General Chromatography Quality Control Summary

Analytical Batch 452172	**Client ID**	MB452172			LCS452172		
Prep Batch N/A	**GCAL ID**	928016			928017		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/10/2011 23:22			03/10/2011 22:32		
	Matrix	Water			Water		
SW-846 8015B Modified		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
8006-61-9	Gasoline Range Organics	13.0U	13.0	500	494	99	63 - 126
Surrogate							
106-39-8	Bromochlorobenzene	26.1	87	30	28.9	96	49 - 136

Analytical Batch 452172	**Client ID**	AOCU-GW26			AOCU-GW26-MS			AOCU-GW26-MSD				
Prep Batch N/A	**GCAL ID**	21103050401			21103050403			21103050404				
	Sample Type	SAMPLE			MS			MSD				
	Analytical Date	03/11/2011 00:10			03/11/2011 11:12			03/11/2011 11:36				
	Matrix	Water			Water			Water				
SW-846 8015B Modified Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**				**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**		**Limit**
8006-61-9	Gasoline Range Organics	0.00	13.0	500	515	103	67 - 171	438	88	16		31
Surrogate												
106-39-8	Bromochlorobenzene	25.4	85	30	28.9	96	49 - 136	29.6	99			

General Chromatography Quality Control Summary

Analytical Batch	452106	**Client ID**	MB451976			LCS451976			LCSD451976		
Prep Batch	451976	**GCAL ID**	926915			926916			926917		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/08/2011 09:33			03/08/2011 09:33			03/08/2011 09:33		
		Analytical Date	03/08/2011 12:20			03/08/2011 13:13			03/08/2011 13:31		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		45.7U	45.7	2000	1510	75	50 - 150	1680	84	11	40
Surrogate												
84-15-1	o-Terphenyl		44.3	89	50	46.5	93	57 - 115	46	92		

Analytical Batch	452106	**Client ID**	AOCU-GW26			AOCU-GW26-MS			AOCU-GW26-MSD		
Prep Batch	451976	**GCAL ID**	21103050401			21103050403			21103050404		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/08/2011 09:33			03/08/2011 09:33			03/08/2011 09:33		
		Analytical Date	03/08/2011 13:49			03/08/2011 15:03			03/08/2011 15:56		
		Matrix	Water			Water			Water		
Total Hydrocarbons Oil Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		18.4	45.7	2000	1590	78	50 - 150	1660	82	4	30
Surrogate												
84-15-1	o-Terphenyl		43.8	88	50	46.8	94	57 - 115	46.6	93		

Inorganics Quality Control Summary

Analytical Batch	452103	**Client ID**	AOCU-GW26-M		AOCU-GW26-M-MS			AOCU-GW26-M-MSD			
Prep Batch	451925	**GCAL ID**	21103050420		21103050421			21103050422			
Prep Method	SW-846	**Sample Type**	SAMPLE		MS			MSD			
	7470A	**Prep Date**	03/07/2011 11:00		03/07/2011 11:00			03/07/2011 11:00			
	Dissolved	**Analytical Date**	03/09/2011 14:49		03/09/2011 14:51			03/09/2011 14:53			
		Matrix	Water		Water			Water			
SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7439-97-6	Mercury	0.00000	0.00016	0.00500	0.00331	**66***	75 - 125	0.00331	**66***	0	10

Analytical Batch	452103	**Client ID**	AOCU-GW20-M		927075MS			927075MSD			
Prep Batch	452016	**GCAL ID**	21103050429		927159			927160			
Prep Method	SW-846	**Sample Type**	SAMPLE		MS			MSD			
	7470A	**Prep Date**	03/08/2011 11:40		03/08/2011 11:40			03/08/2011 11:40			
		Analytical Date	03/09/2011 14:56		03/09/2011 14:57			03/09/2011 14:59			
		Matrix	Water		Water			Water			
SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7439-97-6	Mercury	0.00000	0.00016	0.00500	0.00245	**49***	75 - 125	0.00242	**48***	1	10

Analytical Batch	452210	**Client ID**	MB451925		LCS451925		
Prep Batch	451925	**GCAL ID**	926780		926781		
Prep Method	SW-846	**Sample Type**	Method Blank		LCS		
	7470A	**Prep Date**	03/07/2011 11:00		03/07/2011 11:00		
		Analytical Date	03/09/2011 13:32		03/10/2011 14:18		
		Matrix	Water		Water		
SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-97-6	Mercury	0.000081U	0.000081	0.00500	0.00514	103	88 - 111

Inorganics Quality Control Summary

Analytical Batch	452210	**Client ID**	MB452016	LCS452016
Prep Batch	452016	**GCAL ID**	927157	927158
Prep Method	SW-846 7470A	**Sample Type**	Method Blank	LCS
		Prep Date	03/08/2011 11:40	03/08/2011 11:40
		Analytical Date	03/09/2011 13:58	03/10/2011 14:19
		Matrix	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7439-97-6	Mercury	0.00009B	0.000081	0.00500	0.00500	100	88 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	MB452012	LCS452012
Prep Batch	452012	**GCAL ID**	927145	927146
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/08/2011 11:15	03/08/2011 11:15
		Analytical Date	03/09/2011 00:33	03/09/2011 00:41
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum	0.044U	0.044	5.00	4.65	93	87 - 111
7440-36-0	Antimony	0.0040U	0.0040	0.50	0.46	92	88 - 108
7440-38-2	Arsenic	0.0025U	0.0025	0.50	0.47	95	88 - 109
7440-39-3	Barium	0.00062B	0.00011	0.50	0.46	93	92 - 112
7440-41-7	Beryllium	0.00011U	0.00011	0.50	0.45	90	89 - 113
7440-43-9	Cadmium	0.00011U	0.00011	0.50	0.46	92	88 - 111
7440-70-2	Calcium	0.026U	0.026	5.00	4.60	92	90 - 111
7440-47-3	Chromium	0.00034U	0.00034	0.50	0.45	91	90 - 113
7440-48-4	Cobalt	0.00040U	0.00040	0.50	0.46	92	89 - 111
7440-50-8	Copper	0.0014U	0.0014	0.50	0.43	87	86 - 112
7439-89-6	Iron	0.038U	0.038	5.00	4.58	92	89 - 116
7439-92-1	Lead	0.0014U	0.0014	0.50	0.47	94	89 - 109
7439-95-4	Magnesium	0.018B	0.014	5.00	4.42	**88***	92 - 113
7439-96-5	Manganese	0.0012U	0.0012	0.50	0.46	91	90 - 110
7440-02-0	Nickel	0.00096U	0.00096	0.50	0.46	92	89 - 111
7440-09-7	Potassium	0.053U	0.053	10.0	9.59	96	89 - 114
7782-49-2	Selenium	0.0043U	0.0043	0.50	0.47	94	90 - 110
7440-22-4	Silver	0.00060U	0.00060	0.50	0.47	94	86 - 120
7440-23-5	Sodium	0.95B	0.051	20.0	19.4	97	90 - 117
7440-28-0	Thallium	0.0018U	0.0018	0.50	0.47	95	88 - 108
7440-62-2	Vanadium	0.00082U	0.00082	0.50	0.45	**90***	91 - 111
7440-66-6	Zinc	0.0027U	0.0027	0.50	0.45	90	84 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	AOCU-SW03-M	AOCU-SW03-M-MS	AOCU-SW03-M-MSD
Prep Batch	452012	**GCAL ID**	21103080938	21103080940	21103080941
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/08/2011 11:15	03/08/2011 11:15	03/08/2011 11:15
		Analytical Date	03/09/2011 00:47	03/09/2011 00:53	03/09/2011 01:00
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.12	0.22	5.00	4.77	93	83 - 119	4.59	89	4	25
7440-36-0	Antimony	0.028	0.020	0.50	0.55	104	81 - 124	0.53	101	3	25
7440-38-2	Arsenic	0.010	0.013	0.50	0.57	113	84 - 124	0.53	104	8	25
7440-39-3	Barium	0.0	0.00055	0.50	0.49	97	85 - 120	0.46	91	6	25
7440-41-7	Beryllium	0.00013	0.00057	0.50	0.50	99	79 - 121	0.47	95	5	25
7440-43-9	Cadmium	0.0	0.00055	0.50	0.48	95	82 - 119	0.45	90	6	25
7440-70-2	Calcium	842	0.13	5.00	880	**753***	48 - 153	856	**276***	3	25
7440-47-3	Chromium	0.0075	0.0017	0.50	0.48	94	73 - 135	0.45	89	6	25
7440-48-4	Cobalt	0.0	0.0020	0.50	0.48	97	82 - 119	0.46	92	5	25
7440-50-8	Copper	0.14	0.0069	0.50	0.63	98	82 - 129	0.61	94	3	25
7439-89-6	Iron	0.042	0.19	5.00	4.76	94	52 - 155	4.57	91	4	25
7439-92-1	Lead	0.0	0.0070	0.50	0.47	95	62 - 146	0.44	88	8	25
7439-95-4	Magnesium	1300	0.072	5.00	1470	**3400***	62 - 146	1420	**2540***	3	25
7439-96-5	Manganese	0.080	0.0062	0.50	0.54	92	79 - 121	0.53	90	1	25
7440-02-0	Nickel	0.047	0.0048	0.50	0.51	93	84 - 120	0.48	87	6	25
7440-09-7	Potassium	49.5	0.26	10.0	70.2	**206***	76 - 132	68.0	**185***	3	25
7782-49-2	Selenium	0.0	0.022	0.50	0.53	105	71 - 140	0.48	96	9	25
7440-22-4	Silver	0.0	0.0030	0.50	0.53	107	75 - 141	0.51	101	5	25
7440-28-0	Thallium	0.0	0.0088	0.50	0.45	90	90 - 116	0.40	**80***	13	25
7440-62-2	Vanadium	0.0	0.0041	0.50	0.33	**67***	85 - 120	0.34	**69***	3	25
7440-66-6	Zinc	0.059	0.014	0.50	0.53	94	60 - 137	0.50	88	5	25

Analytical Batch	452215	**Client ID**	MB451923	LCS451923
Prep Batch	451923	**GCAL ID**	926773	926774
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 15:41	03/10/2011 15:48
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum	0.044U	0.044	5.00	4.89	98	87 - 111

Inorganics Quality Control Summary

Analytical Batch	452215	**Client ID**	MB451923	LCS451923
Prep Batch	451923	**GCAL ID**	926773	926774
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 15:41	03/10/2011 15:48
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7440-36-0	Antimony	0.0040U	0.0040	0.50	0.48	96	88 - 108
7440-38-2	Arsenic	0.0025U	0.0025	0.50	0.49	98	88 - 109
7440-39-3	Barium	0.0013B	0.00011	0.50	0.49	97	92 - 112
7440-41-7	Beryllium	0.00011U	0.00011	0.50	0.48	96	89 - 113
7440-43-9	Cadmium	0.00011U	0.00011	0.50	0.48	97	88 - 111
7440-70-2	Calcium	0.048B	0.026	5.00	4.88	98	90 - 111
7440-47-3	Chromium	0.00034U	0.00034	0.50	0.48	96	90 - 113
7440-48-4	Cobalt	0.00043B	0.00040	0.50	0.50	99	89 - 111
7440-50-8	Copper	0.0014U	0.0014	0.50	0.47	94	86 - 112
7439-89-6	Iron	0.038U	0.038	5.00	4.81	96	89 - 116
7439-92-1	Lead	0.0014U	0.0014	0.50	0.50	100	89 - 109
7439-95-4	Magnesium	0.024B	0.014	5.00	4.93	99	92 - 113
7439-96-5	Manganese	0.0012U	0.0012	0.50	0.49	97	90 - 110
7440-02-0	Nickel	0.00096U	0.00096	0.50	0.49	98	89 - 111
7440-09-7	Potassium	0.053U	0.053	10.0	9.84	98	89 - 114
7782-49-2	Selenium	0.0043U	0.0043	0.50	0.51	101	90 - 110
7440-22-4	Silver	0.00060U	0.00060	0.50	0.48	96	86 - 120
7440-23-5	Sodium	0.051U	0.051	20.0	19.2	96	90 - 117
7440-28-0	Thallium	0.0022B	0.0018	0.50	0.48	97	88 - 108
7440-62-2	Vanadium	0.00082U	0.00082	0.50	0.48	95	91 - 111
7440-66-6	Zinc	0.0027U	0.0027	0.50	0.48	96	84 - 111

Analytical Batch	452215	**Client ID**	AOCU-GW26-M	AOCU-GW26-M-MS	AOCU-GW26-M-MSD
Prep Batch	451923	**GCAL ID**	21103050420	21103050421	21103050422
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 15:55	03/10/2011 16:02	03/10/2011 16:09
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.0	0.44	5.00	5.05	101	83 - 119	4.54	91	11	25

Inorganics Quality Control Summary

Analytical Batch	452215	**Client ID**	AOCU-GW26-M	AOCU-GW26-M-MS	AOCU-GW26-M-MSD
Prep Batch	451923	**GCAL ID**	21103050420	21103050421	21103050422
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 15:55	03/10/2011 16:02	03/10/2011 16:09
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-36-0	Antimony	0.053	0.040	0.50	0.57	103	81 - 124	0.58	106	2	25
7440-38-2	Arsenic	0.052	0.025	0.50	0.59	108	84 - 124	0.58	105	2	25
7440-39-3	Barium	0.0	0.0011	0.50	0.46	93	85 - 120	0.45	91	2	25
7440-41-7	Beryllium	0.0011	0.0011	0.50	0.49	98	79 - 121	0.47	94	4	25
7440-43-9	Cadmium	0.0	0.0011	0.50	0.46	92	82 - 119	0.45	90	3	25
7440-70-2	Calcium	994	0.26	5.00	1010	**411***	48 - 153	993	**-20***	2	25
7440-47-3	Chromium	0.023	0.0034	0.50	0.49	94	73 - 135	0.47	90	4	25
7440-48-4	Cobalt	0.0	0.0040	0.50	0.48	95	82 - 119	0.46	92	4	25
7440-50-8	Copper	0.029	0.014	0.50	0.56	105	82 - 129	0.54	102	3	25
7439-89-6	Iron	0.089	0.38	5.00	4.92	97	52 - 155	4.76	93	3	25
7439-92-1	Lead	0.0	0.014	0.50	0.38	76	62 - 146	0.36	72	5	25
7439-95-4	Magnesium	6120	0.14	5.00	6260	**2680***	62 - 146	6130	**240***	2	25
7439-96-5	Manganese	1.02	0.012	0.50	1.52	101	79 - 121	1.46	88	4	25
7440-02-0	Nickel	0.047	0.0096	0.50	0.51	92	84 - 120	0.49	89	3	25
7440-09-7	Potassium	164	0.53	10.0	176	116	76 - 132	171	**67***	3	25
7782-49-2	Selenium	0.010	0.043	0.50	0.54	106	71 - 140	0.50	97	8	25
7440-22-4	Silver	0.0	0.0060	0.50	0.47	95	75 - 141	0.46	91	4	25
7440-28-0	Thallium	0.0	0.018	0.50	0.40	**79***	90 - 116	0.40	**79***	0.01	25
7440-62-2	Vanadium	0.0	0.0082	0.50	0.26	**51***	85 - 120	0.25	**50***	3	25
7440-66-6	Zinc	0.0	0.027	0.50	0.31	62	60 - 137	0.31	62	0.05	25

Analytical Batch	452253	**Client ID**	AOCU-GW26-M	AOCU-GW26-M-MS	AOCU-GW26-M-MSD
Prep Batch	451923	**GCAL ID**	21103050420	21103050421	21103050422
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/07/2011 11:00	03/07/2011 11:00	03/07/2011 11:00
		Analytical Date	03/10/2011 19:39	03/10/2011 19:46	03/10/2011 19:53
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium	27400	5.14	20.0	27600	**972***	70 - 203	27200	**-1000***	2	25

Inorganics Quality Control Summary

Analytical Batch	452270	**Client ID**	AOCU-SW03-M			AOCU-SW03-M-MS			AOCU-SW03-M-MSD		
Prep Batch	452012	**GCAL ID**	21103080938			21103080940			21103080941		
Prep Method	SW-846 3005	**Sample Type**	SAMPLE			MS			MSD		
	Dissolved	**Prep Date**	03/08/2011 11:15			03/08/2011 11:15			03/08/2011 11:15		
		Analytical Date	03/11/2011 11:54			03/11/2011 12:01			03/11/2011 12:08		
		Matrix	Water			Water			Water		
SW-846 6010B Dissolved			**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
			Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium		6510	2.57	20.0	7590	**5420***	70 - 203	7610	**5500***	0.2	25

Analytical Batch	452295	**Client ID**	MB452013			LCS452013		
Prep Batch	452013	**GCAL ID**	927147			927148		
Prep Method	SW-846 3005	**Sample Type**	Method Blank			LCS		
	Dissolved	**Prep Date**	03/08/2011 11:40			03/08/2011 11:40		
		Analytical Date	03/11/2011 16:39			03/11/2011 16:46		
		Matrix	Water			Water		
SW-846 6010B Dissolved			**Units**	mg/L	**Spike**	**Result**		**Control**
			Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum		0.044U	0.044	5.00	4.64	93	87 - 111
7440-36-0	Antimony		0.0040U	0.0040	0.50	0.44	88	88 - 108
7440-38-2	Arsenic		0.0039B	0.0025	0.50	0.46	92	88 - 109
7440-39-3	Barium		0.00094B	0.00011	0.50	0.47	93	92 - 112
7440-41-7	Beryllium		0.00011U	0.00011	0.50	0.46	92	89 - 113
7440-43-9	Cadmium		0.00011U	0.00011	0.50	0.46	93	88 - 111
7440-70-2	Calcium		0.028B	0.026	5.00	4.65	93	90 - 111
7440-47-3	Chromium		0.00034U	0.00034	0.50	0.46	92	90 - 113
7440-48-4	Cobalt		0.00065B	0.00040	0.50	0.45	91	89 - 111
7440-50-8	Copper		0.0014U	0.0014	0.50	0.45	91	86 - 112
7439-89-6	Iron		0.038U	0.038	5.00	4.59	92	89 - 116
7439-92-1	Lead		0.0014U	0.0014	0.50	0.46	92	89 - 109
7439-95-4	Magnesium		0.014U	0.014	5.00	4.64	93	92 - 113
7439-96-5	Manganese		0.0012U	0.0012	0.50	0.46	93	90 - 110
7440-02-0	Nickel		0.00096U	0.00096	0.50	0.46	92	89 - 111
7440-09-7	Potassium		0.077B	0.053	10.0	9.16	92	89 - 114
7782-49-2	Selenium		0.0043U	0.0043	0.50	0.46	93	90 - 110
7440-22-4	Silver		0.00060U	0.00060	0.50	0.46	92	86 - 120
7440-23-5	Sodium		0.051U	0.051	20.0	18.8	94	90 - 117
7440-28-0	Thallium		0.0051B	0.0018	0.50	0.45	90	88 - 108
7440-62-2	Vanadium		0.00082U	0.00082	0.50	0.46	91	91 - 111

Inorganics Quality Control Summary

Analytical Batch	452295	**Client ID**	MB452013	LCS452013
Prep Batch	452013	**GCAL ID**	927147	927148
Prep Method	SW-846 3005 Dissolved	**Sample Type**	Method Blank	LCS
		Prep Date	03/08/2011 11:40	03/08/2011 11:40
		Analytical Date	03/11/2011 16:39	03/11/2011 16:46
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7440-66-6	Zinc	0.0027U	0.0027	0.50	0.47	94	84 - 111

Analytical Batch	452295	**Client ID**	AOCU-GW24-M	927077MS	927077MSD
Prep Batch	452013	**GCAL ID**	21103050431	927149	927150
Prep Method	SW-846 3005 Dissolved	**Sample Type**	SAMPLE	MS	MSD
		Prep Date	03/08/2011 11:40	03/08/2011 11:40	03/08/2011 11:40
		Analytical Date	03/11/2011 17:05	03/11/2011 17:13	03/11/2011 17:20
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.053	0.44	5.00	4.69	93	83 - 119	4.63	92	1	25
7440-36-0	Antimony	0.056	0.040	0.50	0.55	99	81 - 124	0.62	112	11	25
7440-38-2	Arsenic	0.098	0.025	0.50	0.59	99	84 - 124	0.57	95	4	25
7440-39-3	Barium	0.0	0.0011	0.50	0.46	91	85 - 120	0.47	94	3	25
7440-41-7	Beryllium	0.0	0.0011	0.50	0.47	94	79 - 121	0.48	97	3	25
7440-43-9	Cadmium	0.0	0.0011	0.50	0.45	90	82 - 119	0.52	103	14	25
7440-70-2	Calcium	860	0.26	5.00	874	**270***	48 - 153	924	**1290***	6	25
7440-47-3	Chromium	0.0044	0.0034	0.50	0.46	90	73 - 135	0.47	93	4	25
7440-48-4	Cobalt	0.0016	0.0040	0.50	0.46	91	82 - 119	0.48	96	5	25
7440-50-8	Copper	0.0	0.014	0.50	0.48	96	82 - 129	0.52	105	8	25
7439-89-6	Iron	0.044	0.38	5.00	4.75	94	52 - 155	4.58	91	4	25
7439-92-1	Lead	0.0	0.014	0.50	0.35	70	62 - 146	0.41	82	15	25
7439-95-4	Magnesium	6890	0.14	5.00	6900	**234***	62 - 146	7560	**13400***	9	25
7439-96-5	Manganese	0.34	0.012	0.50	0.80	90	79 - 121	0.83	98	5	25
7440-02-0	Nickel	0.046	0.0096	0.50	0.49	90	84 - 120	0.57	105	14	25
7440-09-7	Potassium	226	0.53	10.0	244	**188***	76 - 132	237	120	3	25
7782-49-2	Selenium	0.0	0.043	0.50	0.50	100	71 - 140	0.59	119	17	25
7440-22-4	Silver	0.0	0.0060	0.50	0.46	92	75 - 141	0.44	89	4	25
7440-28-0	Thallium	0.0082	0.018	0.50	0.44	**86***	90 - 116	0.39	**76***	12	25
7440-62-2	Vanadium	0.0	0.0082	0.50	0.10	**20***	85 - 120	0.14	**27***	**31***	25
7440-66-6	Zinc	0.0	0.027	0.50	0.24	**47***	60 - 137	0.25	**50***	5	25

Inorganics Quality Control Summary

Analytical Batch	452388	**Client ID**	AOCU-GW24-M	927077MS	927077MSD
Prep Batch	452013	**GCAL ID**	21103050431	927149	927150
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/08/2011 11:40	03/08/2011 11:40	03/08/2011 11:40
		Analytical Date	03/14/2011 14:22	03/14/2011 14:30	03/14/2011 14:38
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium	31800	5.14	20.0	33100	**6280***	70 - 203	33500	**8380***	1	25

General Chemistry Quality Control Summary

Analytical Batch 451933	**Client ID**	MB451933			LCS451933		
Prep Batch N/A	**GCAL ID**	926821			926822		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/07/2011 13:15			03/07/2011 13:15		
	Matrix	Water			Water		
SM 2540C TDS		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
WET-035	Total Dissolved Solids(TDS)	10.0U	10.0	1000	948	94.8	90 - 110

Analytical Batch 451933	**Client ID**	AOCU-GW26		AOCU-GW26 DUP		
Prep Batch N/A	**GCAL ID**	21103050401		21103050427		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/07/2011 13:15		03/07/2011 13:15		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-035	Total Dissolved Solids(TDS)	95000	500	97000	2.1	5

Analytical Batch 451933	**Client ID**	U43010B		926338DUP		
Prep Batch N/A	**GCAL ID**	21103041901		926823		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/07/2011 13:15		03/07/2011 13:15		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-035	Total Dissolved Solids(TDS)	2108	10.0	2110	0.28	5

General Chemistry Quality Control Summary

Analytical Batch 451878	**Client ID**	MB451878			LCS451878		
Prep Batch N/A	**GCAL ID**	926584			926585		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/05/2011 15:16			03/05/2011 15:18		
	Matrix	Water			Water		
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
14797-55-8	Nitrate	0.003U	0.003	0.500	0.509	102	89.5 -110.5

Analytical Batch 451878	**Client ID**	AOCU-GW26			AOCU-GW26-MS			AOCU-GW26-MSD			
Prep Batch N/A	**GCAL ID**	21103050401			21103050403			21103050404			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/05/2011 15:20			03/05/2011 15:21			03/05/2011 15:23			
	Matrix	Water			Water			Water			
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
14797-55-8	Nitrate	111	2.60	500	625	103	89.5 -110.5	626	103	0.08	25

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Project No: 8090006.02.010

COC Number(1):

LIMS Number: 030411-04

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW26	AOCU-GW26	03032011	1305	-	N	1	WG	10	X	X	X	X		X	X										4
Trip Blank		03032011	1304	-	TB	1	WQ	3	X														HA.253306		4
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/4/11	1400	1. Fedex		
2. Fedex			2. [signature]	3/5/11	0915
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.:

Airbill Number: 796831128701

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

5.6

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Project No: 8090006.02.010

COC Number(1): 030411-03

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOC4-GW26-MS	AOC4-GW26-MS	03032011	1305	-	MS	1	WG	10	X	X	X	X		X	X										3
AOC4-GW26-MSD	AOC4-GW26-MSD	03032011	1305	-	SD	1	WG	10	X	X	X	X		X	X										3
Trip Blank		03032011	1305	-	TB	1	WQ	3	X															HA-025011	3
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

3
4
5

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/4/11	1400	Fed Ex		
2.	Fed Ex			[signature]	03/5/11	0915
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.:

Airbill Number: 794449563282

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

5.3°

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030411-08

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW19	AOCU-GW19	04032011	0920	-	N	1	WG	10	X	X	X	X		X	X										8 6
Trip Blank		04032011	0920	-	TB	1	WQ	3	X														HA-0285050		8 7
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	J H Moore	3/4/11	1400	Fed ex		
2.	Fed ex			[illegible]		
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.:

Airbill Number: 794449361848

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

5.6

NATIONVIEW

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030411-06

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID	
								Sample Analysis Requested (5)														Quality Assurance Samples (6)				
AOCU-GW20	AOCU-GW20	04032011	0945	-	N	1	WG	10	X	X	X	X		X	X										6	8
AOCU-GW22	AOCU-GW22	04032011	1045	-	N	1	WG	10	X	X	X	X		X	X										6	9
Trip Blank		04032011	0945	-	N	1	WG	3	X																6	10
				-																						
				-																						
				-																						
				-																						
				-																						
				-																						
				-																						
				-																						

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/14/11	1400	Fed Ex		
2.	Fed Ex			[signature]		
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.:

Method of Shipment: FedEx Express

Airbill Number: 794493594899

Analytical Lab: GCAL

Delivery Location: Baton Rouge, LA

Lab Recipient:

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

5.3

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Project No: 8090006.02.010

COC Number(1): 030411-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID	
								Sample Analysis Requested (5)														Quality Assurance Samples (6)				
AOCU-GW35	AOCU-GW35	03032011	1445	-	N	1	WG	10	X	X	X	X		X	X										1	11
AOCU-GW35-A	AOCU-GW35-A	03032011	1445	-	FD	1	WG	10	X	X	X	X		X	X										1	12
Trip Blank		03032011	1445	-	TB	1	WQ	3	X														HA-025611		1	13
				-																						
				-																						
				-																						
				-																						
				-																						
				-																						
				-																						
				-																						

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/4/11	1400	Fed Ex		
2.	Fed Ex			[signature]		
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.:

Method of Shipment: FedEx Express

Airbill Number: 796831187398

Analytical Lab: GCAL

Delivery Location: Baton Rouge, LA

Lab Recipient:

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

4.9°

NATIONVIEW

Nationview 4771 211030504 3/11/11

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030411-07

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID	
								Sample Analysis Requested (5)								Quality Assurance Samples (6)				
AOCU-GW24	AOCU-GW24	04032011	1050	-	N	1	WG	10	X	X	X	X		X	X				7	14
AOCU-GW24-A	AOCU-GW24A	04032011	1050	-	FD	1	WG	10	X	X	X	X	JM ~~X~~	X	X				7	15
Trip Blank		04032011	1050	-	TB	1	WQ										HA-025611		7	16
				-																
				-																
				-																
				-																
				-																
				-																
				-																
				-																

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. Holloway	3/4/11	1400	1. Fed Ex		
2. Fed Ex			2. [illegible]		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.:

Method of Shipment: FedEx Express

Airbill Number: 7968 3115 5598

Analytical Lab: GCAL

Delivery Location: Baton Rouge, LA

Lab Recipient:

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

5.6°

NATIONVIEW

Nationview 4771 211030504 3/11/11

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030411-02

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID	
								Sample Analysis Requested (5)													Quality Assurance Samples (6)				
AOCU-GW32	AOCU-GW32	03032011	1345	-	N	1	WG	10	X	X	X	X		X	X									2	17
AOCU-GW28	AOCU-GW28	03032011	1420	-	N	1	WG	10	X	X	X	X		X	X									2	18
Trip Blank		03032011	1345	-	TB	1	WQ	3	X													HA-0285050		2	19
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/4/11	1400	1. [signature]		
2. Fed up			2. [signature]		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: FedEx Express Airbill Number: 7968 3110 6236

Analytical Lab: GCAL Delivery Location: Baton Rouge, LA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

5.4°

NATIONVIEW/4711/210

Project No: 8090006.02.010

COC Number(1): 030411-0

LIMS Number:

Chain of Custody and Analytical Request

4.4

Facility/Base I.D.:	Holloman AFB, New Mexico
Project/Site Name:	AOC-U, RFI Investigation
Client Name:	USACE - Albuquerque District
Collected by:	D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number
								Sample Analysis Requested (5)													Quality Assurance Samples (6)		
AOCU-GW26-M	AOCU-GW26	03032011	1306	-	N	1	WG	1					X									20	
AOCU-GW26-MS	AOCU-GW26-MS	03032011	1306	-	MS	1	WG	1					X									21	
AOCU-GW26-MSD	AOCU-GW26-MSD	03032011	1306	-	SD	1	WG	1					X									22 - ~~23~~	
AOCU-GW28-M	AOCU-GW28	03032011	1421	-	N	1	WG	1					X									23	
AOCU-GW32-M	AOCU-GW32	03032011	1346	-	N	1	WG	1					X									24	
AOCU-GW35-M	AOCU-GW35	03032011	1446	-	N	1	WG	1					X									25	
AOCU-GW35-A	AOCU-GW35-A	03032011	1446	-	FD	1	WG	1					X									26	
AOCU-GW39 *	AOCU-GW39	03032011	1016	-	N	1	WG	1					X										
AOCU-GW43 *	AOCU-GW43	03032011	0956	-	N	1	WG	1					X										
AOCU-GW45 *	AOCU-GW45	03032011	0851	-	N	1	WG	1					X										
AOCU-GW41 *	AOCU-GW41	03032011	0901	-	N	1	WG	1					X										

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/4/11	1400	Fedex		
2.	Fedex	3-5-11	915	[signature]	3-5-11	915
3.						

Sample Delivery Details / Laboratory Receipt 4.4

Delivered Directly to Lab:		Shipped No.:	
Method of Shipment:	FedEx Express	Airbill Number:	796831139271
Analytical Lab:	GCAL	Delivery Location:	Baton Rouge, LA
Lab Recipient:		Delivery Date/Time:	

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* samples are in a separate workbook

NATIONVIEW /4771/211030504/ 3-15-11

Project No: 8090006.02.010

COC Number(1): 030711-09

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW01	AOCU-GW01	05032011	1416	-	N	1	WG	1					X											9
AOCU-GW02	AOCU-GW02	05032011	1321	-	N	1	WG	1					X											9
AOCU-GW03	AOCU-GW03	05032011	1136	-	N	1	WG	1					X											9
AOCU-GW05	AOCU-GW05	05032011	1201	-	N	1	WG	1					X											9
AOCU-GW07	AOCU-GW07	05032011	1031	-	N	1	WG	1					X											9
AOCU-GW08	AOCU-GW08	05032011	1011	-	N	1	WG	1					X											9
AOCU-GW10	AOCU-GW10	04032011	1416	-	N	1	WG	1					X											9
AOCU-GW12	AOCU-GW12	04032011	1311	-	N	1	WG	1					X											9
AOCU-GW15	AOCU-GW15	04032011	1531	-	N	1	WG	1					X											9
AOCU-GW17	AOCU-GW17	04032011	1346	-	N	1	WG	1					X											9
AOCU-GW19-MX	AOCU-GW19	04032011	0921	-	N	1	WG	1					X										29	9

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	J. Moore	3/7/11	1400			
2.	Felix	3-8-11	855	Am	3-8-11	855
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 42

Airbill Number: 7944 9060 6688

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* sample was' this workbook only

NATIONVIEW /4771/211030504/316-1

Project No: 8090006.02.010

COC Number(1): 030711-09

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
AOCU-GW20-M*	AOCU-GW20	04032011	0946	-	N	1	WG	1					X										29	9
AOCU-GW22-M*	AOCU-GW22	04032011	1046	-	N	1	WG	1					X										30	9
AOCU-GW24-M*	AOCU-GW24	04032011	1051	-	N	1	WG	1					X										31	9
AOCU-GW24-A-M*	AOCU-GW24-A	04032011	1051	-	FD	1	WG	1					X										32	9
AOCU-SW01	AOCU-SW01	06032011	1041	-	N	1	WS	1					X											9
AOCU-SW02	AOCU-SW02	06032011	1001	-	N	1	WS	1					X											9
AOCU-SW03	AOCU-SW03	06032011	0851	-	N	1	WS	1					X											9
AOCU-SW03-A	AOCU-SW03-A	06032011	0851	-	FD	1	WS	1					X											9
AOCU-SW03-MS	AOCU-SW03-MS	06032011	0851	-	MS	1	WS	1					X											9
AOCU-SW03-MSD	AOCU-SW03-MSD	06032011	0851	-	SD	1	WS	1					X											9
				-			Jm	4																

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	JH Moore	3/7/11	1400			
2.	Fedex	3-8-11	855	[illegible]	3-8-11	855
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.: 4.2

Method of Shipment: FedEx Express Airbill Number:

Analytical Lab: GCAL Delivery Location: Baton Rouge, LA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* samples are the wetlands on

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

SAMPLE RECEIVING CHECKLIST

Workorder: 211030504

Client: 4771 - NationView LLC

Profile: 204817 - AOC-U Investigarion, Holloman AFB

Line Item: 1 - Water

Received by: Raborn, Michelle

Received Date/Time: 3/5/2011 9:15:00 AM

Samples Received via: FEDEX

Number of Coolers Received: 9

Cooler tracking numbers(s): 7968 3115 5598 7968 3110 6236 7968 3113 9271 7944 5960 6658 7968 3112 8761 7944 9356 3287 7944 9361 8448 7944 9359 4854 7968 3118 7398

Cooler temperature(s): 5.6 5.3 5.6 5.3 4.9 5.6 5.4 4.4 4.2

Were all coolers received at a temperature of 0 - 6° C?	☑ Yes	☐ No	☐ N/A
Were all custody seals intact?	☑ Yes	☐ No	☐ N/A
Were all samples recevied in proper containers?	☑ Yes	☐ No	☐ N/A
Were all samples properly preserved?	☑ Yes	☐ No	☐ N/A
Was preservative added to any container at the lab?	☐ Yes	☑ No	☐ N/A
Were all containers received in good condition?	☑ Yes	☐ No	☐ N/A
Were all VOA vials received with no head space?	☑ Yes	☐ No	☐ N/A
Do all sample labels match the Chain of Custody?	☑ Yes	☐ No	☐ N/A
Was the client notified about any discrepancies?	☐ Yes	☐ No	☐ N/A

Notes/Comments:

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER ADE - 1482

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 GSRI Avenue

Baton Rouge, LA 70820

Report Date 04/04/2011

GCAL Report 211030809

Deliver To	NationView, LLC 445 Union Blvd. Suite 129 Denver, CO 80228 303-597-2450
Attn	Jim Moore

Customer NationView LLC

Project AOC-U RFI Investigarion

CASE NARRATIVE

Client: NationView LLC **Report:** 211030809

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

This report was resubmitted on 04/04/11. The data was revised to include estimated values in the report.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 452154, the MS/MSD exhibited recovery and RPD failures. The LCS/LCSD recoveries are acceptable. The MS/MSD recoveries for 2-Chloroethylvinyl ether are not applicable because this compound is not recovered in acidified samples.

In the SW-846 8260B analysis for analytical batch 452153 and 452190, the LCS/LCSD exhibited marginal sporadic recovery failures for the extended list of spike compounds.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the SW-846 8015B analysis, the recovery for the surrogate, o-Terphenyl is above the upper control limit. No target compounds were detected in the sample; therefore the data is reportable for sample 21103080916 (AOCU-SW03).

METALS

In the SW-846 6010B Dissolved analysis, a chemical or physical interference necessitated a dilution for samples 21103080938 (AOCU-SW03), 21103080940 (AOCU-SW03-MS), 21103080941 (AOCU-SW03-MSD), 21103080926 (AOCU-GW01), 21103080927 (AOCU-GW02), 21103080928 (AOCU-GW03), 21103080929 (AOCU-GW05), 21103080930 (AOCU-GW07), 21103080931 (AOCU-GW08), 21103080932 (AOCU-GW10), 21103080933 (AOCU-GW12), 21103080934 (AOCU-GW15), 21103080935 (AOCU-GW17), 21103080936 (AOCU-SW01), 21103080937 (AOCU-SW02) and 21103080939 (AOCU-SW03-A). This is reflected in the elevated reporting limits.

In the SM 2340 B analysis, a chemical or physical interference necessitated a dilution for samples 21103080916 (AOCU-SW03), 21103080921 (AOCU-SW03-DUP), 21103080917 (AOCU-SW03-A), 21103080923 (AOCU-SW01) and 21103080924 (AOCU-SW02). This is reflected in the elevated reporting limits.

In the SW-846 6010B Dissolved analysis for prep batch 452012, the MS and/or MSD recovery is outside the control limits for Thallium. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference. The MS/MSD recoveries are not applicable for Calcium, Magnesium, Potassium and Sodium because the sample concentration is greater than four times the spike concentration. Magnesium and Vanadium were recovered outside of the established control limits for the LCS and/or LCSD. The MS and/or MSD recovery is outside the control limits for Vanadium. The LCS recovery is within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference.

In the SW-846 7470A Dissolved analysis for prep batch 452014, the MS and/or MSD recovery is outside the control limits for Mercury. The LCS recovery is within the control limits. This indicates the analysis is in

control and the sample is affected by matrix interference.

CONVENTIONALS

In the EPA 353.2 analysis, samples 21103080905 (AOCU-GW12), 21103080907 (AOCU-GW05), 21103080914 (AOCU-GW02), 21103080916 (AOCU-SW03), 21103080919 (AOCU-SW03-MS), 21103080920 (AOCU-SW03-MSD), 21103080917 (AOCU-SW03-A) and 21103080923 (AOCU-SW01) had to be diluted in order to bracket the Nitrate + Nitrite and/or Nitrite concentrations within the calibration range of the instrument. The Nitrate is based on the difference between the Nitrate + Nitrite and the Nitrite. The dilution is reflected in the elevated reporting limit.

In the SM 2540 C analysis, samples 21103080901 (AOCU-GW15), 21103080902 (AOCU-GW17), 21103080904 (AOCU-GW10), 21103080905 (AOCU-GW12), 21103080907 (AOCU-GW05), 21103080908 (AOCU-GW07), 21103080910 (AOCU-GW03), 21103080911 (AOCU-GW08), 21103080913 (AOCU-GW01), 21103080914 (AOCU-GW02), 21103080916 (AOCU-SW0321103080917 (AOCU-SW03-A), 21103080921 (AOCU-SW03-DUP), 21103080923 (AOCU-SW01) and 21103080924 (AOCU-SW02) had to be diluted prior to filtration in order not to exceed the maximum residue allowed by the method.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

_____

Robyn Migues
Technical Director
GCAL REPORT 211030809

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080901	AOCU-GW15	Water	03/04/2011 15:30	03/08/2011 08:55
21103080902	AOCU-GW17	Water	03/04/2011 13:45	03/08/2011 08:55
21103080903	TRIP BLANK	Water	03/04/2011 13:45	03/08/2011 08:55
21103080904	AOCU-GW10	Water	03/04/2011 14:15	03/08/2011 08:55
21103080905	AOCU-GW12	Water	03/04/2011 13:10	03/08/2011 08:55
21103080906	TRIP BLANK	Water	03/04/2011 13:10	03/08/2011 08:55
21103080907	AOCU-GW05	Water	03/05/2011 12:00	03/08/2011 08:55
21103080908	AOCU-GW07	Water	03/05/2011 10:30	03/08/2011 08:55
21103080909	TRIP BLANK	Water	03/05/2011 10:30	03/08/2011 08:55
21103080910	AOCU-GW03	Water	03/05/2011 11:35	03/08/2011 08:55
21103080911	AOCU-GW08	Water	03/05/2011 10:10	03/08/2011 08:55
21103080912	TRIP BLANK	Water	03/05/2011 10:10	03/08/2011 08:55
21103080913	AOCU-GW01	Water	03/05/2011 14:15	03/08/2011 08:55
21103080914	AOCU-GW02	Water	03/05/2011 13:20	03/08/2011 08:55
21103080915	TRIP BLANK	Water	03/05/2011 13:20	03/08/2011 08:55
21103080916	AOCU-SW03	Water	03/06/2011 08:50	03/08/2011 08:55
21103080917	AOCU-SW03-A	Water	03/06/2011 08:50	03/08/2011 08:55
21103080918	TRIP BLANK	Water	03/06/2011 08:50	03/08/2011 08:55
21103080919	AOCU-SW03-MS	Water	03/06/2011 08:50	03/08/2011 08:55
21103080920	AOCU-SW03-MSD	Water	03/06/2011 08:50	03/08/2011 08:55
21103080921	AOCU-SW03-DUP	Water	03/06/2011 08:50	03/08/2011 08:55
21103080922	TRIP BLANK	Water	03/06/2011 08:50	03/08/2011 08:55
21103080923	AOCU-SW01	Water	03/06/2011 10:40	03/08/2011 08:55
21103080924	AOCU-SW02	Water	03/06/2011 10:00	03/08/2011 08:55
21103080925	TRIP BLANK	Water	03/06/2011 10:00	03/08/2011 08:55
21103080926	AOCU-GW01-M	Water	03/05/2011 14:16	03/08/2011 08:55
21103080927	AOCU-GW02-M	Water	03/05/2011 13:21	03/08/2011 08:55
21103080928	AOCU-GW03-M	Water	03/05/2011 11:36	03/08/2011 08:55
21103080929	AOCU-GW05-M	Water	03/05/2011 12:01	03/08/2011 08:55
21103080930	AOCU-GW07-M	Water	03/05/2011 10:31	03/08/2011 08:55
21103080931	AOCU-GW08-M	Water	03/05/2011 10:11	03/08/2011 08:55
21103080932	AOCU-GW10-M	Water	03/04/2011 14:16	03/08/2011 08:55
21103080933	AOCU-GW12-M	Water	03/04/2011 13:11	03/08/2011 08:55
21103080934	AOCU-GW15-M	Water	03/04/2011 15:31	03/08/2011 08:55
21103080935	AOCU-GW17-M	Water	03/04/2011 13:46	03/08/2011 08:55
21103080936	AOCU-SW01-M	Water	03/06/2011 10:41	03/08/2011 08:55
21103080937	AOCU-SW02-M	Water	03/06/2011 10:01	03/08/2011 08:55
21103080938	AOCU-SW03-M	Water	03/06/2011 08:51	03/08/2011 08:55
21103080939	AOCU-SW03-A-M	Water	03/06/2011 08:51	03/08/2011 08:55
21103080940	AOCU-SW03-M-MS	Water	03/06/2011 08:51	03/08/2011 08:55
21103080941	AOCU-SW03-M-MSD	Water	03/06/2011 08:51	03/08/2011 08:55

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080901	**AOCU-GW15**	Water	03/04/2011 15:30	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:06	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080901	**AOCU-GW15**	Water	03/04/2011 15:30	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:06	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.6	ug/L	99	84 - 120
1868-53-7	Dibromofluoromethane	50	48.2	ug/L	96	87 - 116
2037-26-5	Toluene d8	50	51.1	ug/L	102	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.4	ug/L	103	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:06	CLH	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080901	**AOCU-GW15**	Water	03/04/2011 15:30	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 18:00	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080901	**AOCU-GW15**	Water	03/04/2011 15:30	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 18:00	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	45.4	ug/L	91	52 - 120
321-60-8	2-Fluorobiphenyl	50	41.7	ug/L	83	16 - 128
1718-51-0	Terphenyl-d14	50	40	ug/L	80	43 - 138
4165-62-2	Phenol-d5	100	50.1	ug/L	50	10 - 120
367-12-4	2-Fluorophenol	100	57.5	ug/L	58	10 - 120
118-79-6	2,4,6-Tribromophenol	100	108	ug/L	108	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 17:52	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45.5	ug/L	91	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/13/2011 22:14	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.9	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080901	**AOCU-GW15**	Water	03/04/2011 15:30	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 17:52	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.7	ug/L	85	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**54000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 11:37	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.014**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080902	**AOCU-GW17**	Water	03/04/2011 13:45	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:28	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	**Acetone**	**14.0J**	**25**	**0.322**	**ug/L**
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080902	**AOCU-GW17**	Water	03/04/2011 13:45	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:28	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.4	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	49	ug/L	98	87 - 116
2037-26-5	Toluene d8	50	51.7	ug/L	103	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	49.8	ug/L	100	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:28	CLH	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080902	**AOCU-GW17**	Water	03/04/2011 13:45	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 18:15	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080902	**AOCU-GW17**	Water	03/04/2011 13:45	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 18:15	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.5	ug/L	89	52 - 120
321-60-8	2-Fluorobiphenyl	50	36.9	ug/L	74	16 - 128
1718-51-0	Terphenyl-d14	50	27.9	ug/L	56	43 - 138
4165-62-2	Phenol-d5	100	70.6	ug/L	71	10 - 120
367-12-4	2-Fluorophenol	100	72.7	ug/L	73	10 - 120
118-79-6	2,4,6-Tribromophenol	100	103	ug/L	103	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 18:10	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**73.1J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	32.2	ug/L	64	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/13/2011 22:38	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	22.5	ug/L	75	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080902	**AOCU-GW17**	Water	03/04/2011 13:45	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 18:10	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**53.2J**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	30.2	ug/L	60	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**194000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 11:35	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.248**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080903	**TRIP BLANK**	Water	03/04/2011 13:45	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:50	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080903	**TRIP BLANK**	Water	03/04/2011 13:45	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:50	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.8	ug/L	100	84 - 120
1868-53-7	Dibromofluoromethane	50	47.5	ug/L	95	87 - 116
2037-26-5	Toluene d8	50	51.1	ug/L	102	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	47.7	ug/L	95	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080904	**AOCU-GW10**	Water	03/04/2011 14:15	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:13	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080904	**AOCU-GW10**	Water	03/04/2011 14:15	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:13	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.9	ug/L	94	84 - 120
1868-53-7	Dibromofluoromethane	50	51.1	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	52.4	ug/L	105	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	46.7	ug/L	93	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:13	CLH	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080904	**AOCU-GW10**	Water	03/04/2011 14:15	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 18:30	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080904	**AOCU-GW10**	Water	03/04/2011 14:15	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 18:30	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.8	ug/L	90	52 - 120
321-60-8	2-Fluorobiphenyl	50	36.2	ug/L	72	16 - 128
1718-51-0	Terphenyl-d14	50	32	ug/L	64	43 - 138
4165-62-2	Phenol-d5	100	52.4	ug/L	52	10 - 120
367-12-4	2-Fluorophenol	100	58.8	ug/L	59	10 - 120
118-79-6	2,4,6-Tribromophenol	100	103	ug/L	103	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 18:28	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**76.3J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.4	ug/L	85	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/13/2011 23:02	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.6	ug/L	85	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080904	**AOCU-GW10**	Water	03/04/2011 14:15	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 18:28	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.8	ug/L	80	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**157000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 11:36	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.065**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080905	**AOCU-GW12**	Water	03/04/2011 13:10	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:35	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080905	**AOCU-GW12**	Water	03/04/2011 13:10	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:35	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.6	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	49.6	ug/L	99	87 - 116
2037-26-5	Toluene d8	50	51.1	ug/L	102	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.4	ug/L	103	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:35	CLH	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080905	**AOCU-GW12**	Water	03/04/2011 13:10	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 18:48	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080905	**AOCU-GW12**	Water	03/04/2011 13:10	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 18:48	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41.1	ug/L	82	52 - 120
321-60-8	2-Fluorobiphenyl	50	34.9	ug/L	70	16 - 128
1718-51-0	Terphenyl-d14	50	39.1	ug/L	78	43 - 138
4165-62-2	Phenol-d5	100	48	ug/L	48	10 - 120
367-12-4	2-Fluorophenol	100	54.9	ug/L	55	10 - 120
118-79-6	2,4,6-Tribromophenol	100	93.3	ug/L	93	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 18:46	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	49.9	ug/L	100	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/13/2011 23:26	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.4	ug/L	85	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080905	**AOCU-GW12**	Water	03/04/2011 13:10	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 18:46	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.9	ug/L	94	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**114000**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 11:31	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**16.6**	**0.500**	**0.130**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080906	**TRIP BLANK**	Water	03/04/2011 13:10	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:57	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080906	**TRIP BLANK**	Water	03/04/2011 13:10	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:57	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.9	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	48.4	ug/L	97	87 - 116
2037-26-5	Toluene d8	50	49.7	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	49.8	ug/L	100	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080907	**AOCU-GW05**	Water	03/05/2011 12:00	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 20:46	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080907	**AOCU-GW05**	Water	03/05/2011 12:00	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 20:46	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.6	ug/L	99	84 - 120
1868-53-7	Dibromofluoromethane	50	51.7	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	52.2	ug/L	104	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	48.5	ug/L	97	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 05:19	CLH	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080907	**AOCU-GW05**	Water	03/05/2011 12:00	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 19:03	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080907	**AOCU-GW05**	Water	03/05/2011 12:00	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 19:03	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43	ug/L	86	52 - 120
321-60-8	2-Fluorobiphenyl	50	36.6	ug/L	73	16 - 128
1718-51-0	Terphenyl-d14	50	34.2	ug/L	68	43 - 138
4165-62-2	Phenol-d5	100	53.4	ug/L	53	10 - 120
367-12-4	2-Fluorophenol	100	59.5	ug/L	60	10 - 120
118-79-6	2,4,6-Tribromophenol	100	106	ug/L	106	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 19:04	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**151**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42	ug/L	84	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/13/2011 23:51	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	27.3	ug/L	91	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080907	**AOCU-GW05**	Water	03/05/2011 12:00	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 19:04	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.5	ug/L	79	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**137000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	03/08/2011 12:01	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**1.10**	**0.020**	**0.005**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080908	**AOCU-GW07**	Water	03/05/2011 10:30	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 05:42	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080908	**AOCU-GW07**	Water	03/05/2011 10:30	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 05:42	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.8	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	48.8	ug/L	98	87 - 116
2037-26-5	Toluene d8	50	52.1	ug/L	104	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.8	ug/L	104	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 05:42	CLH	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080908	**AOCU-GW07**	Water	03/05/2011 10:30	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 19:18	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080908	**AOCU-GW07**	Water	03/05/2011 10:30	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 19:18	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41.9	ug/L	84	52 - 120
321-60-8	2-Fluorobiphenyl	50	33.9	ug/L	68	16 - 128
1718-51-0	Terphenyl-d14	50	35.1	ug/L	70	43 - 138
4165-62-2	Phenol-d5	100	58.2	ug/L	58	10 - 120
367-12-4	2-Fluorophenol	100	60.5	ug/L	61	10 - 120
118-79-6	2,4,6-Tribromophenol	100	101	ug/L	101	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 19:57	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**190**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	34.9	ug/L	70	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 00:16	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26	ug/L	87	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080908	**AOCU-GW07**	Water	03/05/2011 10:30	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 19:57	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	32.8	ug/L	66	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**243000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 11:40	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.102**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080909	**TRIP BLANK**	Water	03/05/2011 10:30	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 06:04	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080909	**TRIP BLANK**	Water	03/05/2011 10:30	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 06:04	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.1	ug/L	100	84 - 120
1868-53-7	Dibromofluoromethane	50	47	ug/L	94	87 - 116
2037-26-5	Toluene d8	50	50	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	49.8	ug/L	100	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080910	**AOCU-GW03**	Water	03/05/2011 11:35	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 06:26	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080910	**AOCU-GW03**	Water	03/05/2011 11:35	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 06:26	CLH	452153

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.4	ug/L	93	84 - 120
1868-53-7	Dibromofluoromethane	50	46.3	ug/L	93	87 - 116
2037-26-5	Toluene d8	50	51.2	ug/L	102	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.3	ug/L	103	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 06:26	CLH	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080910	**AOCU-GW03**	Water	03/05/2011 11:35	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 19:33	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080910	**AOCU-GW03**	Water	03/05/2011 11:35	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 19:33	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	45.4	ug/L	91	52 - 120
321-60-8	2-Fluorobiphenyl	50	40.5	ug/L	81	16 - 128
1718-51-0	Terphenyl-d14	50	38.7	ug/L	77	43 - 138
4165-62-2	Phenol-d5	100	64.6	ug/L	65	10 - 120
367-12-4	2-Fluorophenol	100	68.1	ug/L	68	10 - 120
118-79-6	2,4,6-Tribromophenol	100	113	ug/L	113	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 20:15	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**382**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.2	ug/L	84	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 00:40	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.7	ug/L	89	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080910	**AOCU-GW03**	Water	03/05/2011 11:35	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 20:15	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**161**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.7	ug/L	79	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**215000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 11:44	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.107**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080911	**AOCU-GW08**	Water	03/05/2011 10:10	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 19:37	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	**Acetone**	**8.25J**	**25**	**0.322**	**ug/L**
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080911	**AOCU-GW08**	Water	03/05/2011 10:10	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 19:37	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	**Naphthalene**	**1.55J**	**5**	**0.175**	**ug/L**
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.3	ug/L	99	84 - 120
1868-53-7	Dibromofluoromethane	50	50.7	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	49.7	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	49.9	ug/L	100	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 19:37	BKR	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080911	**AOCU-GW08**	Water	03/05/2011 10:10	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 19:48	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080911	**AOCU-GW08**	Water	03/05/2011 10:10	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 19:48	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	44.5	ug/L	89	52 - 120
321-60-8	2-Fluorobiphenyl	50	36	ug/L	72	16 - 128
1718-51-0	Terphenyl-d14	50	38.1	ug/L	76	43 - 138
4165-62-2	Phenol-d5	100	65	ug/L	65	10 - 120
367-12-4	2-Fluorophenol	100	64.3	ug/L	64	10 - 120
118-79-6	2,4,6-Tribromophenol	100	109	ug/L	109	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 20:33	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**130**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	42.2	ug/L	84	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 01:04	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.5	ug/L	88	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080911	**AOCU-GW08**	Water	03/05/2011 10:10	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 20:33	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	39.6	ug/L	79	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**234000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 11:39	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.102**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080912	**TRIP BLANK**	Water	03/05/2011 10:10	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 13:11	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080912	**TRIP BLANK**	Water	03/05/2011 10:10	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 13:11	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.2	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	51.5	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	49.9	ug/L	100	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	48.7	ug/L	97	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080913	**AOCU-GW01**	Water	03/05/2011 14:15	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 02:21	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080913	**AOCU-GW01**	Water	03/05/2011 14:15	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 02:21	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	51.3	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	48.7	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.1	ug/L	100	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 02:21	JCK	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080913	**AOCU-GW01**	Water	03/05/2011 14:15	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 20:02	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080913	**AOCU-GW01**	Water	03/05/2011 14:15	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 20:02	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.3	ug/L	85	52 - 120
321-60-8	2-Fluorobiphenyl	50	38.8	ug/L	78	16 - 128
1718-51-0	Terphenyl-d14	50	38.9	ug/L	78	43 - 138
4165-62-2	Phenol-d5	100	40.6	ug/L	41	10 - 120
367-12-4	2-Fluorophenol	100	48.4	ug/L	48	10 - 120
118-79-6	2,4,6-Tribromophenol	100	99.3	ug/L	99	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 20:51	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.8	ug/L	94	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 01:28	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	27.6	ug/L	92	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080913	**AOCU-GW01**	Water	03/05/2011 14:15	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 20:51	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.9	ug/L	88	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**43800**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 11:47	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.005B**	**0.010**	**0.003**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080914	**AOCU-GW02**	Water	03/05/2011 13:20	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 02:44	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080914	**AOCU-GW02**	Water	03/05/2011 13:20	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 02:44	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.8	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	50.4	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	48.1	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.8	ug/L	106	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 02:44	JCK	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080914	**AOCU-GW02**	Water	03/05/2011 13:20	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 20:17	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080914	**AOCU-GW02**	Water	03/05/2011 13:20	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 20:17	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.6	ug/L	85	52 - 120
321-60-8	2-Fluorobiphenyl	50	35.6	ug/L	71	16 - 128
1718-51-0	Terphenyl-d14	50	37.9	ug/L	76	43 - 138
4165-62-2	Phenol-d5	100	56	ug/L	56	10 - 120
367-12-4	2-Fluorophenol	100	61	ug/L	61	10 - 120
118-79-6	2,4,6-Tribromophenol	100	94	ug/L	94	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 21:09	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46.6	ug/L	93	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 02:40	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	25.7	ug/L	86	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080914	**AOCU-GW02**	Water	03/05/2011 13:20	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 21:09	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43.8	ug/L	88	57 - 115

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			50	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**165000**	**500**	**500**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/08/2011 12:02	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**4.37**	**0.100**	**0.026**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080915	**TRIP BLANK**	Water	03/05/2011 13:20	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:07	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080915	**TRIP BLANK**	Water	03/05/2011 13:20	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:07	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	51.9	ug/L	104	87 - 116
2037-26-5	Toluene d8	50	48.6	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.9	ug/L	102	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080916	**AOCU-SW03**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 00:50	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080916	**AOCU-SW03**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 00:50	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.1	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	50.3	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	47.6	ug/L	95	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.9	ug/L	104	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 00:50	JCK	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080916	**AOCU-SW03**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 20:32	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080916	**AOCU-SW03**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 20:32	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.1	ug/L	84	52 - 120
321-60-8	2-Fluorobiphenyl	50	36.4	ug/L	73	16 - 128
1718-51-0	Terphenyl-d14	50	40.6	ug/L	81	43 - 138
4165-62-2	Phenol-d5	100	35.4	ug/L	35	10 - 120
367-12-4	2-Fluorophenol	100	44.4	ug/L	44	10 - 120
118-79-6	2,4,6-Tribromophenol	100	90.8	ug/L	91	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 21:27	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	67.4	ug/L	**135***	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 03:04	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	27.8	ug/L	93	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080916	**AOCU-SW03**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 21:27	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	Oil Range Organics	45.7U	125	45.7	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	63.3	ug/L	**127***	57 - 115

SM 2340B Hardness

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452017	SM 2340 B	2	03/11/2011 12:49	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7440-70-2	**Calcium**	**879**	**0.20**	**0.019**	**mg/L**
000-01-5	**Hardness**	**8030**	**0.66**	**0.24**	**mg/L**
7439-95-4	**Magnesium**	**1420**	**0.20**	**0.048**	**mg/L**

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**20400**	**100**	**100**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	03/08/2011 12:04	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.938**	**0.050**	**0.013**	**mg/L-N**

SM 4500 H + B/SW-846 9040A pH

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 16:30	DNM	452059

CAS#	Parameter	Result	RDL	MDL	Units
pH	**pH**	**7.66**	**1.00**	**1.00**	**pH unit**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080917	**AOCU-SW03-A**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:29	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080917	**AOCU-SW03-A**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:29	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.2	ug/L	96	84 - 120
1868-53-7	Dibromofluoromethane	50	51.6	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	49	ug/L	98	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	52.4	ug/L	105	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:29	JCK	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080917	**AOCU-SW03-A**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 20:47	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080917	**AOCU-SW03-A**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 20:47	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	45.4	ug/L	91	52 - 120
321-60-8	2-Fluorobiphenyl	50	40.6	ug/L	81	16 - 128
1718-51-0	Terphenyl-d14	50	41.1	ug/L	82	43 - 138
4165-62-2	Phenol-d5	100	39.2	ug/L	39	10 - 120
367-12-4	2-Fluorophenol	100	48.9	ug/L	49	10 - 120
118-79-6	2,4,6-Tribromophenol	100	103	ug/L	103	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 21:45	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**50.8J**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	48	ug/L	96	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 03:32	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.7	ug/L	89	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080917	**AOCU-SW03-A**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 21:45	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**57.4J**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45	ug/L	90	57 - 115

SM 2340B Hardness

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452017	SM 2340 B	2	03/11/2011 13:04	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7440-70-2	**Calcium**	**829**	**0.20**	**0.019**	**mg/L**
000-01-5	**Hardness**	**8070**	**0.66**	**0.24**	**mg/L**
7439-95-4	**Magnesium**	**1460**	**0.20**	**0.048**	**mg/L**

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**22000**	**100**	**100**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			2	03/08/2011 12:07	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.966**	**0.020**	**0.005**	**mg/L-N**

SM 4500 H + B/SW-846 9040A pH

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 16:30	DNM	452059

CAS#	Parameter	Result	RDL	MDL	Units
pH	**pH**	**7.74**	**1.00**	**1.00**	**pH unit**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080918	**TRIP BLANK**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:54	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080918	**TRIP BLANK**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 03:54	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	50.3	ug/L	101	84 - 120
1868-53-7	Dibromofluoromethane	50	50.5	ug/L	101	87 - 116
2037-26-5	Toluene d8	50	51.9	ug/L	104	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	48.9	ug/L	98	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080919	**AOCU-SW03-MS**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 01:13	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	48.4	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	49.4	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	53.9	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	51.3	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	46.4	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	51.5	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	48.7	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	45.6	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	51.6	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.9	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	46.1	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	54.1	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	49.8	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	46.5	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	48.1	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	48.4	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	46.9	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	46.6	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	50.6	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	45.6	5	0.058	ug/L
544-10-5	1-Chlorohexane	41.4	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	50.1	5	0.112	ug/L
78-93-3	2-Butanone	49.3	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	47.7	5	0.090	ug/L
591-78-6	2-Hexanone	54.4	5	0.302	ug/L
106-43-4	4-Chlorotoluene	45.6	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	45.3	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	62.5	5	0.142	ug/L
67-64-1	Acetone	36.8	25	0.322	ug/L
107-02-8	Acrolein	240	25	2.49	ug/L
107-13-1	Acrylonitrile	257	25	1.62	ug/L
71-43-2	Benzene	47.7	5	0.049	ug/L
108-86-1	Bromobenzene	47.0	5	0.095	ug/L
74-97-5	Bromochloromethane	59.0	5	0.238	ug/L
75-27-4	Bromodichloromethane	48.2	5	0.071	ug/L
75-25-2	Bromoform	50.4	5	0.278	ug/L
74-83-9	Bromomethane	49.5	5	0.276	ug/L
75-15-0	Carbon disulfide	49.9	5	0.190	ug/L
56-23-5	Carbon tetrachloride	50.1	5	0.056	ug/L
108-90-7	Chlorobenzene	48.3	5	0.055	ug/L
75-00-3	Chloroethane	53.7	5	0.279	ug/L
67-66-3	Chloroform	53.2	5	0.062	ug/L
74-87-3	Chloromethane	45.8	5	0.076	ug/L
124-48-1	Dibromochloromethane	49.3	5	0.133	ug/L
74-95-3	Dibromomethane	47.5	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	48.7	5	0.088	ug/L
100-41-4	Ethylbenzene	47.0	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	43.9	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	46.7	5	0.058	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080919	**AOCU-SW03-MS**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 01:13	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
74-88-4	**Methyl iodide**	**50.9**	**5**	**0.097**	**ug/L**
75-09-2	**Methylene chloride**	**46.3**	**10**	**0.102**	**ug/L**
91-20-3	**Naphthalene**	**50.2**	**5**	**0.175**	**ug/L**
100-42-5	**Styrene**	**46.9**	**5**	**0.058**	**ug/L**
127-18-4	**Tetrachloroethene**	**47.2**	**5**	**0.210**	**ug/L**
108-88-3	**Toluene**	**47.2**	**5**	**0.078**	**ug/L**
79-01-6	**Trichloroethene**	**50.9**	**5**	**0.094**	**ug/L**
75-69-4	**Trichlorofluoromethane**	**50.2**	**5**	**0.094**	**ug/L**
76-13-1	**Trichlorotrifluoroethane**	**49.6**	**5**	**0.141**	**ug/L**
108-05-4	**Vinyl acetate**	**54.1**	**5**	**0.197**	**ug/L**
75-01-4	**Vinyl chloride**	**50.6**	**5**	**0.104**	**ug/L**
156-59-2	**cis-1,2-Dichloroethene**	**46.7**	**5**	**0.104**	**ug/L**
10061-01-5	**cis-1,3-Dichloropropene**	**49.3**	**5**	**0.105**	**ug/L**
136777-61-2	**m,p-Xylene**	**93.8**	**10**	**0.099**	**ug/L**
104-51-8	**n-Butylbenzene**	**45.2**	**5**	**0.068**	**ug/L**
110-54-3	**n-Hexane**	**49.4**	**5**	**0.126**	**ug/L**
103-65-1	**n-Propylbenzene**	**47.5**	**5**	**0.069**	**ug/L**
95-47-6	**o-Xylene**	**45.7**	**5**	**0.077**	**ug/L**
135-98-8	**sec-Butylbenzene**	**44.4**	**5**	**0.088**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**50.8**	**5**	**0.084**	**ug/L**
98-06-6	**tert-Butylbenzene**	**47.7**	**5**	**0.058**	**ug/L**
156-60-5	**trans-1,2-Dichloroethene**	**47.1**	**5**	**0.096**	**ug/L**
10061-02-6	**trans-1,3-Dichloropropene**	**48.7**	**5**	**0.068**	**ug/L**
110-57-6	**trans-1,4-Dichloro-2-butene**	**58.5**	**5**	**0.429**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.9	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	49.8	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	48.2	ug/L	96	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.8	ug/L	102	76 - 127

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:01	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	**1,2,4-Trichlorobenzene**	**68.2**	**10.0**	**0.234**	**ug/L**
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	**1,4-Dichlorobenzene**	**64.2**	**10.0**	**0.255**	**ug/L**
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	**2,4-Dinitrotoluene**	**103**	**10.0**	**0.263**	**ug/L**
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080919	**AOCU-SW03-MS**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:01	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
95-57-8	**2-Chlorophenol**	**76.9**	**10.0**	**0.276**	**ug/L**
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	**4-Chloro-3-methylphenol**	**89.2**	**10.0**	**0.234**	**ug/L**
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	**4-Nitrophenol**	**29.4**	**10.0**	**1.83**	**ug/L**
83-32-9	**Acenaphthene**	**86.7**	**10.0**	**0.268**	**ug/L**
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	**Pentachlorophenol**	**73.4**	**10.0**	**0.168**	**ug/L**
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	**Phenol**	**36.5**	**10.0**	**0.150**	**ug/L**
129-00-0	**Pyrene**	**78.7**	**10.0**	**0.486**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080919	**AOCU-SW03-MS**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:01	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	**n-Nitrosodi-n-propylamine**	**86.7**	**10.0**	**0.304**	**ug/L**
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	41.8	ug/L	84	52 - 120
321-60-8	2-Fluorobiphenyl	50	39.3	ug/L	79	16 - 128
1718-51-0	Terphenyl-d14	50	39.4	ug/L	79	43 - 138
4165-62-2	Phenol-d5	100	40	ug/L	40	10 - 120
367-12-4	2-Fluorophenol	100	48.5	ug/L	49	10 - 120
118-79-6	2,4,6-Tribromophenol	100	104	ug/L	104	20 - 120

Total Hydrocarbons Diesel Wate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 22:38	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**954**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	49.2	ug/L	98	57 - 115

SW-846 8015B Modified Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 03:56	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	**Gasoline Range Organics**	**439**	**100**	**13.0**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	29.3	ug/L	98	49 - 136

Total Hydrocarbons Oil Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 22:02	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1510**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44.2	ug/L	88	57 - 115

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080919	**AOCU-SW03-MS**	Water	03/06/2011 08:50	03/08/2011 08:55

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	03/08/2011 12:05	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**3.68**	**0.050**	**0.013**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080920	**AOCU-SW03-MSD**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 01:35	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	46.4	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	44.7	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	55.1	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	48.0	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	47.8	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	48.9	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	48.3	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	51.0	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	54.3	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.3	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	44.4	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	59.7	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	48.8	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	48.1	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	49.8	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	47.8	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	45.7	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	46.0	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	49.8	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	46.4	5	0.058	ug/L
544-10-5	1-Chlorohexane	38.8	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	42.6	5	0.112	ug/L
78-93-3	2-Butanone	53.4	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	46.2	5	0.090	ug/L
591-78-6	2-Hexanone	56.0	5	0.302	ug/L
106-43-4	4-Chlorotoluene	45.0	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	44.3	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	66.2	5	0.142	ug/L
67-64-1	Acetone	41.6	25	0.322	ug/L
107-02-8	Acrolein	261	25	2.49	ug/L
107-13-1	Acrylonitrile	280	25	1.62	ug/L
71-43-2	Benzene	46.7	5	0.049	ug/L
108-86-1	Bromobenzene	45.7	5	0.095	ug/L
74-97-5	Bromochloromethane	51.0	5	0.238	ug/L
75-27-4	Bromodichloromethane	47.4	5	0.071	ug/L
75-25-2	Bromoform	52.2	5	0.278	ug/L
74-83-9	Bromomethane	50.3	5	0.276	ug/L
75-15-0	Carbon disulfide	49.5	5	0.190	ug/L
56-23-5	Carbon tetrachloride	46.1	5	0.056	ug/L
108-90-7	Chlorobenzene	47.3	5	0.055	ug/L
75-00-3	Chloroethane	50.4	5	0.279	ug/L
67-66-3	Chloroform	46.9	5	0.062	ug/L
74-87-3	Chloromethane	46.2	5	0.076	ug/L
124-48-1	Dibromochloromethane	48.3	5	0.133	ug/L
74-95-3	Dibromomethane	48.6	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	47.4	5	0.088	ug/L
100-41-4	Ethylbenzene	45.1	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	47.7	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	43.9	5	0.058	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080920	**AOCU-SW03-MSD**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 01:35	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
74-88-4	**Methyl iodide**	**49.5**	**5**	**0.097**	**ug/L**
75-09-2	**Methylene chloride**	**47.4**	**10**	**0.102**	**ug/L**
91-20-3	**Naphthalene**	**58.4**	**5**	**0.175**	**ug/L**
100-42-5	**Styrene**	**45.4**	**5**	**0.058**	**ug/L**
127-18-4	**Tetrachloroethene**	**43.6**	**5**	**0.210**	**ug/L**
108-88-3	**Toluene**	**43.4**	**5**	**0.078**	**ug/L**
79-01-6	**Trichloroethene**	**49.5**	**5**	**0.094**	**ug/L**
75-69-4	**Trichlorofluoromethane**	**48.8**	**5**	**0.094**	**ug/L**
76-13-1	**Trichlorotrifluoroethane**	**49.2**	**5**	**0.141**	**ug/L**
108-05-4	**Vinyl acetate**	**56.3**	**5**	**0.197**	**ug/L**
75-01-4	**Vinyl chloride**	**48.7**	**5**	**0.104**	**ug/L**
156-59-2	**cis-1,2-Dichloroethene**	**45.6**	**5**	**0.104**	**ug/L**
10061-01-5	**cis-1,3-Dichloropropene**	**48.3**	**5**	**0.105**	**ug/L**
136777-61-2	**m,p-Xylene**	**91.7**	**10**	**0.099**	**ug/L**
104-51-8	**n-Butylbenzene**	**45.7**	**5**	**0.068**	**ug/L**
110-54-3	**n-Hexane**	**50.3**	**5**	**0.126**	**ug/L**
103-65-1	**n-Propylbenzene**	**46.5**	**5**	**0.069**	**ug/L**
95-47-6	**o-Xylene**	**44.1**	**5**	**0.077**	**ug/L**
135-98-8	**sec-Butylbenzene**	**44.3**	**5**	**0.088**	**ug/L**
1634-04-4	**tert-Butyl methyl ether (MTBE)**	**52.2**	**5**	**0.084**	**ug/L**
98-06-6	**tert-Butylbenzene**	**46.6**	**5**	**0.058**	**ug/L**
156-60-5	**trans-1,2-Dichloroethene**	**49.1**	**5**	**0.096**	**ug/L**
10061-02-6	**trans-1,3-Dichloropropene**	**46.3**	**5**	**0.068**	**ug/L**
110-57-6	**trans-1,4-Dichloro-2-butene**	**61.3**	**5**	**0.429**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.1	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	46.3	ug/L	93	87 - 116
2037-26-5	Toluene d8	50	48.3	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	51.8	ug/L	104	76 - 127

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:16	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	**1,2,4-Trichlorobenzene**	**70.2**	**10.0**	**0.234**	**ug/L**
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	**1,4-Dichlorobenzene**	**66.5**	**10.0**	**0.255**	**ug/L**
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	**2,4-Dinitrotoluene**	**100**	**10.0**	**0.263**	**ug/L**
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080920	**AOCU-SW03-MSD**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:16	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
95-57-8	**2-Chlorophenol**	**77.3**	**10.0**	**0.276**	**ug/L**
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	**4-Chloro-3-methylphenol**	**90.4**	**10.0**	**0.234**	**ug/L**
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	**4-Nitrophenol**	**32.5**	**10.0**	**1.83**	**ug/L**
83-32-9	**Acenaphthene**	**86.1**	**10.0**	**0.268**	**ug/L**
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	**Pentachlorophenol**	**77.4**	**10.0**	**0.168**	**ug/L**
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	**Phenol**	**37.4**	**10.0**	**0.150**	**ug/L**
129-00-0	**Pyrene**	**77.5**	**10.0**	**0.486**	**ug/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080920	**AOCU-SW03-MSD**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8270C Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:16	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	**n-Nitrosodi-n-propylamine**	**85.2**	**10.0**	**0.304**	**ug/L**
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	42.9	ug/L	86	52 - 120
321-60-8	2-Fluorobiphenyl	50	38.8	ug/L	78	16 - 128
1718-51-0	Terphenyl-d14	50	35.4	ug/L	71	43 - 138
4165-62-2	Phenol-d5	100	40.9	ug/L	41	10 - 120
367-12-4	2-Fluorophenol	100	47.9	ug/L	48	10 - 120
118-79-6	2,4,6-Tribromophenol	100	100	ug/L	100	20 - 120

Total Hydrocarbons Diesel Wate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 23:31	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**830**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	46	ug/L	92	57 - 115

SW-846 8015B Modified Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 04:20	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	**Gasoline Range Organics**	**421**	**100**	**13.0**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	29	ug/L	97	49 - 136

Total Hydrocarbons Oil Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 22:20	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1600**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	44.4	ug/L	89	57 - 115

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080920	**AOCU-SW03-MSD**	Water	03/06/2011 08:50	03/08/2011 08:55

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			5	03/08/2011 12:06	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**3.66**	**0.050**	**0.013**	**mg/L-N**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080921	**AOCU-SW03-DUP**	Water	03/06/2011 08:50	03/08/2011 08:55

SM 2340B Hardness

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 15:00	452017	SM 2340 B	2	03/11/2011 12:57	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7440-70-2	**Calcium**	**846**	**0.20**	**0.019**	**mg/L**
000-01-5	**Hardness**	**7620**	**0.66**	**0.24**	**mg/L**
7439-95-4	**Magnesium**	**1340**	**0.20**	**0.048**	**mg/L**

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**20800**	**100**	**100**	**mg/L**

SM 4500 H+B/SW-846 9040 pH

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 16:30	DNM	452059

CAS#	Parameter	Result	RDL	MDL	Units
pH	**pH**	**7.64**	**1.00**	**1.00**	**pH unit**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080922	**TRIP BLANK**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:16	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080922	**TRIP BLANK**	Water	03/06/2011 08:50	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:16	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	48.5	ug/L	97	84 - 120
1868-53-7	Dibromofluoromethane	50	50.9	ug/L	102	87 - 116
2037-26-5	Toluene d8	50	48.4	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	47.6	ug/L	95	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080923	**AOCU-SW01**	Water	03/06/2011 10:40	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:39	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080923	**AOCU-SW01**	Water	03/06/2011 10:40	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:39	JCK	452154

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49	ug/L	98	84 - 120
1868-53-7	Dibromofluoromethane	50	45.7	ug/L	91	87 - 116
2037-26-5	Toluene d8	50	49.3	ug/L	99	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.6	ug/L	101	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 04:39	JCK	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080923	**AOCU-SW01**	Water	03/06/2011 10:40	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:31	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080923	**AOCU-SW01**	Water	03/06/2011 10:40	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:31	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	43.7	ug/L	87	52 - 120
321-60-8	2-Fluorobiphenyl	50	39.2	ug/L	78	16 - 128
1718-51-0	Terphenyl-d14	50	36.8	ug/L	74	43 - 138
4165-62-2	Phenol-d5	100	44.9	ug/L	45	10 - 120
367-12-4	2-Fluorophenol	100	52.2	ug/L	52	10 - 120
118-79-6	2,4,6-Tribromophenol	100	104	ug/L	104	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452067	3510C	1	03/11/2011 23:49	SMH	452370

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	Diesel Range Organics	44.2U	125	44.2	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	51.9	ug/L	104	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 04:44	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	27.2	ug/L	91	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080923	**AOCU-SW01**	Water	03/06/2011 10:40	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 12:30	452068	3510C	1	03/11/2011 23:49	SMH	452371

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**50.5J**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	48.7	ug/L	97	57 - 115

SM 2340B Hardness

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452017	SM 2340 B	5	03/11/2011 13:11	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7440-70-2	**Calcium**	**1150**	**0.50**	**0.047**	**mg/L**
000-01-5	**Hardness**	**15100**	**1.65**	**0.60**	**mg/L**
7439-95-4	**Magnesium**	**2980**	**0.50**	**0.12**	**mg/L**

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**50000**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			10	03/08/2011 12:09	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**6.59**	**0.100**	**0.026**	**mg/L-N**

SM 4500 H + B/SW-846 9040A pH

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 16:30	DNM	452059

CAS#	Parameter	Result	RDL	MDL	Units
pH	**pH**	**8.19**	**1.00**	**1.00**	**pH unit**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080924	**AOCU-SW02**	Water	03/06/2011 10:00	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 21:08	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	**Acetone**	**5.38J**	**25**	**0.322**	**ug/L**
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080924	**AOCU-SW02**	Water	03/06/2011 10:00	03/08/2011 08:55

SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 21:08	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.4	ug/L	99	84 - 120
1868-53-7	Dibromofluoromethane	50	51.3	ug/L	103	87 - 116
2037-26-5	Toluene d8	50	48.7	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.7	ug/L	101	76 - 127

Library Search Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 21:08	BKR	452324

CAS#	Parameter	Result	Retention	Units
100-44-7	Benzyl chloride ND	ND		ug/L
1476-11-5	cis 1,4-dichloro-2-butene ND	ND		ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080924	**AOCU-SW02**	Water	03/06/2011 10:00	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:46	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
120-82-1	1,2,4-Trichlorobenzene	0.234U	10.0	0.234	ug/L
95-50-1	1,2-Dichlorobenzene	0.259U	10.0	0.259	ug/L
541-73-1	1,3-Dichlorobenzene	0.274U	10.0	0.274	ug/L
106-46-7	1,4-Dichlorobenzene	0.255U	10.0	0.255	ug/L
95-95-4	2,4,5-Trichlorophenol	0.317U	10.0	0.317	ug/L
88-06-2	2,4,6-Trichlorophenol	0.275U	10.0	0.275	ug/L
120-83-2	2,4-Dichlorophenol	0.217U	10.0	0.217	ug/L
105-67-9	2,4-Dimethylphenol	0.694U	10.0	0.694	ug/L
51-28-5	2,4-Dinitrophenol	2.60U	10.0	2.60	ug/L
121-14-2	2,4-Dinitrotoluene	0.263U	10.0	0.263	ug/L
606-20-2	2,6-Dinitrotoluene	0.352U	10.0	0.352	ug/L
91-58-7	2-Chloronaphthalene	0.221U	10.0	0.221	ug/L
95-57-8	2-Chlorophenol	0.276U	10.0	0.276	ug/L
91-57-6	2-Methylnaphthalene	0.255U	10.0	0.255	ug/L
88-74-4	2-Nitroaniline	0.198U	10.0	0.198	ug/L
88-75-5	2-Nitrophenol	0.357U	10.0	0.357	ug/L
91-94-1	3,3'-Dichlorobenzidine	0.297U	10.0	0.297	ug/L
99-09-2	3-Nitroaniline	0.226U	10.0	0.226	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.98U	10.0	1.98	ug/L
101-55-3	4-Bromophenyl phenyl ether	0.337U	10.0	0.337	ug/L
59-50-7	4-Chloro-3-methylphenol	0.234U	10.0	0.234	ug/L
106-47-8	4-Chloroaniline	0.463U	10.0	0.463	ug/L
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	10.0	0.268	ug/L
100-01-6	4-Nitroaniline	0.221U	10.0	0.221	ug/L
100-02-7	4-Nitrophenol	1.83U	10.0	1.83	ug/L
83-32-9	Acenaphthene	0.268U	10.0	0.268	ug/L
208-96-8	Acenaphthylene	0.303U	10.0	0.303	ug/L
120-12-7	Anthracene	0.316U	10.0	0.316	ug/L
92-87-5	Benzidine	3.92U	50.0	3.92	ug/L
56-55-3	Benzo(a)anthracene	0.316U	10.0	0.316	ug/L
50-32-8	Benzo(a)pyrene	0.125U	10.0	0.125	ug/L
205-99-2	Benzo(b)fluoranthene	0.217U	10.0	0.217	ug/L
191-24-2	Benzo(g,h,i)perylene	0.215U	10.0	0.215	ug/L
207-08-9	Benzo(k)fluoranthene	0.236U	10.0	0.236	ug/L
65-85-0	Benzoic acid	0.910U	10.0	0.910	ug/L
100-51-6	Benzyl alcohol	0.355U	10.0	0.355	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	10.0	0.290	ug/L
111-44-4	Bis(2-Chloroethyl)ether	0.288U	10.0	0.288	ug/L
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	10.0	0.257	ug/L
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	10.0	0.191	ug/L
85-68-7	Butyl benzyl phthalate	0.165U	10.0	0.165	ug/L
218-01-9	Chrysene	0.433U	10.0	0.433	ug/L
84-74-2	Di-n-butyl phthalate	0.189U	10.0	0.189	ug/L
117-84-0	Di-n-octyl phthalate	0.167U	10.0	0.167	ug/L
53-70-3	Dibenz(a,h)anthracene	0.217U	10.0	0.217	ug/L
132-64-9	Dibenzofuran	0.227U	10.0	0.227	ug/L
84-66-2	Diethyl phthalate	0.303U	10.0	0.303	ug/L
131-11-3	Dimethyl phthalate	0.255U	10.0	0.255	ug/L
206-44-0	Fluoranthene	0.267U	10.0	0.267	ug/L
86-73-7	Fluorene	0.288U	10.0	0.288	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080924	**AOCU-SW02**	Water	03/06/2011 10:00	03/08/2011 08:55

SW-846 8270C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/11/2011 08:10	452066	3510C	1	03/14/2011 21:46	JEW	452408

CAS#	Parameter	Result	RDL	MDL	Units
118-74-1	Hexachlorobenzene	0.249U	10.0	0.249	ug/L
87-68-3	Hexachlorobutadiene	0.192U	10.0	0.192	ug/L
77-47-4	Hexachlorocyclopentadiene	0.174U	10.0	0.174	ug/L
67-72-1	Hexachloroethane	0.299U	10.0	0.299	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U	10.0	0.157	ug/L
78-59-1	Isophorone	0.380U	10.0	0.380	ug/L
91-20-3	Naphthalene	0.293U	10.0	0.293	ug/L
98-95-3	Nitrobenzene	0.329U	10.0	0.329	ug/L
87-86-5	Pentachlorophenol	0.168U	10.0	0.168	ug/L
85-01-8	Phenanthrene	0.304U	10.0	0.304	ug/L
108-95-2	Phenol	0.150U	10.0	0.150	ug/L
129-00-0	Pyrene	0.486U	10.0	0.486	ug/L
1319-77-3MP	m,p-Cresol	0.352U	10.0	0.352	ug/L
621-64-7	n-Nitrosodi-n-propylamine	0.304U	10.0	0.304	ug/L
86-30-6	n-Nitrosodiphenylamine	0.364U	10.0	0.364	ug/L
95-48-7	o-Cresol	0.329U	10.0	0.329	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	50	46.1	ug/L	92	52 - 120
321-60-8	2-Fluorobiphenyl	50	40.5	ug/L	81	16 - 128
1718-51-0	Terphenyl-d14	50	29	ug/L	58	43 - 138
4165-62-2	Phenol-d5	100	53.1	ug/L	53	10 - 120
367-12-4	2-Fluorophenol	100	57.2	ug/L	57	10 - 120
118-79-6	2,4,6-Tribromophenol	100	112	ug/L	112	52 - 121

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/14/2011 16:00	452354	3510C	1	03/15/2011 11:16	SMH	452487

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-4	**Diesel Range Organics**	**680**	**125**	**44.2**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	45.8	ug/L	92	57 - 115

SW-846 8015B Modified

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/14/2011 05:08	BMR	452334

CAS#	Parameter	Result	RDL	MDL	Units
8006-61-9	Gasoline Range Organics	13.0U	100	13.0	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
106-39-8	Bromochlorobenzene	30	26.9	ug/L	90	49 - 136

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080924	**AOCU-SW02**	Water	03/06/2011 10:00	03/08/2011 08:55

SW-846 8015B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/14/2011 16:00	452377	3510C	1	03/15/2011 11:16	SMH	452488

CAS#	Parameter	Result	RDL	MDL	Units
GCSV-00-44	**Oil Range Organics**	**1150**	**125**	**45.7**	**ug/L**

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	50	43	ug/L	86	57 - 115

SM 2340B Hardness

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:40	452017	SM 2340 B	5	03/11/2011 13:18	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7440-70-2	**Calcium**	**969**	**0.50**	**0.047**	**mg/L**
000-01-5	**Hardness**	**14300**	**1.65**	**0.60**	**mg/L**
7439-95-4	**Magnesium**	**2880**	**0.50**	**0.12**	**mg/L**

SM 2540C TDS

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			20	03/08/2011 14:50	DJH	452044

CAS#	Parameter	Result	RDL	MDL	Units
WET-035	**Total Dissolved Solids(TDS)**	**57600**	**200**	**200**	**mg/L**

EPA 353.2 Nitrate

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 11:54	AEL	452015

CAS#	Parameter	Result	RDL	MDL	Units
14797-55-8	**Nitrate**	**0.628**	**0.010**	**0.003**	**mg/L-N**

SM 4500 H + B/SW-846 9040A pH

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/08/2011 16:30	DNM	452059

CAS#	Parameter	Result	RDL	MDL	Units
pH	**pH**	**8.30**	**1.00**	**1.00**	**pH unit**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080925	**TRIP BLANK**	Water	03/06/2011 10:00	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 13:34	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	5	0.150	ug/L
71-55-6	1,1,1-Trichloroethane	0.078U	5	0.078	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	5	0.112	ug/L
79-00-5	1,1,2-Trichloroethane	0.179U	5	0.179	ug/L
75-34-3	1,1-Dichloroethane	0.064U	5	0.064	ug/L
75-35-4	1,1-Dichloroethene	0.183U	5	0.183	ug/L
563-58-6	1,1-Dichloropropene	0.071U	5	0.071	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.107U	5	0.107	ug/L
96-18-4	1,2,3-Trichloropropane	0.063U	5	0.063	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.138U	5	0.138	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.080U	5	0.080	ug/L
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	5	0.082	ug/L
106-93-4	1,2-Dibromoethane	0.169U	5	0.169	ug/L
95-50-1	1,2-Dichlorobenzene	0.086U	5	0.086	ug/L
107-06-2	1,2-Dichloroethane	0.121U	5	0.121	ug/L
78-87-5	1,2-Dichloropropane	0.114U	5	0.114	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.053U	5	0.053	ug/L
541-73-1	1,3-Dichlorobenzene	0.080U	5	0.080	ug/L
142-28-9	1,3-Dichloropropane	0.113U	5	0.113	ug/L
106-46-7	1,4-Dichlorobenzene	0.058U	5	0.058	ug/L
544-10-5	1-Chlorohexane	0.139U	5	0.139	ug/L
594-20-7	2,2-Dichloropropane	0.112U	5	0.112	ug/L
78-93-3	2-Butanone	0.235U	5	0.235	ug/L
110-75-8	2-Chloroethylvinyl ether	1.20U	5	1.20	ug/L
95-49-8	2-Chlorotoluene	0.090U	5	0.090	ug/L
591-78-6	2-Hexanone	0.302U	5	0.302	ug/L
106-43-4	4-Chlorotoluene	0.046U	5	0.046	ug/L
99-87-6	4-Isopropyltoluene	0.175U	5	0.175	ug/L
108-10-1	4-Methyl-2-pentanone	0.142U	5	0.142	ug/L
67-64-1	Acetone	0.322U	25	0.322	ug/L
75-05-8	Acetonitrile	5.04U	25	5.04	ug/L
107-02-8	Acrolein	2.49U	25	2.49	ug/L
107-13-1	Acrylonitrile	1.62U	25	1.62	ug/L
107-05-1	Allyl chloride	0.343U	25	0.343	ug/L
71-43-2	Benzene	0.049U	5	0.049	ug/L
108-86-1	Bromobenzene	0.095U	5	0.095	ug/L
74-97-5	Bromochloromethane	0.238U	5	0.238	ug/L
75-27-4	Bromodichloromethane	0.071U	5	0.071	ug/L
75-25-2	Bromoform	0.278U	5	0.278	ug/L
74-83-9	Bromomethane	0.276U	5	0.276	ug/L
75-15-0	Carbon disulfide	0.190U	5	0.190	ug/L
56-23-5	Carbon tetrachloride	0.056U	5	0.056	ug/L
108-90-7	Chlorobenzene	0.055U	5	0.055	ug/L
75-00-3	Chloroethane	0.279U	5	0.279	ug/L
67-66-3	Chloroform	0.062U	5	0.062	ug/L
74-87-3	Chloromethane	0.076U	5	0.076	ug/L
124-48-1	Dibromochloromethane	0.133U	5	0.133	ug/L
74-95-3	Dibromomethane	0.197U	5	0.197	ug/L
75-71-8	Dichlorodifluoromethane	0.088U	5	0.088	ug/L
97-63-2	Ethyl methacrylate	0.340U	5	0.340	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080925	**TRIP BLANK**	Water	03/06/2011 10:00	03/08/2011 08:55

SW-846 8260B Water

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	03/10/2011 13:34	BKR	452190

CAS#	Parameter	Result	RDL	MDL	Units
100-41-4	Ethylbenzene	0.180U	5	0.180	ug/L
87-68-3	Hexachlorobutadiene	0.347U	5	0.347	ug/L
98-82-8	Isopropylbenzene (Cumene)	0.058U	5	0.058	ug/L
126-98-7	Methacrylonitrile	0.743U	5	0.743	ug/L
74-88-4	Methyl iodide	0.097U	5	0.097	ug/L
80-62-6	Methyl methacrylate	0.606U	10	0.606	ug/L
75-09-2	Methylene chloride	0.102U	10	0.102	ug/L
91-20-3	Naphthalene	0.175U	5	0.175	ug/L
76-01-7	Pentachloroethane	1.87U	5	1.87	ug/L
107-12-0	Propionitrile	3.06U	100	3.06	ug/L
100-42-5	Styrene	0.058U	5	0.058	ug/L
127-18-4	Tetrachloroethene	0.210U	5	0.210	ug/L
108-88-3	Toluene	0.078U	5	0.078	ug/L
79-01-6	Trichloroethene	0.094U	5	0.094	ug/L
75-69-4	Trichlorofluoromethane	0.094U	5	0.094	ug/L
76-13-1	Trichlorotrifluoroethane	0.141U	5	0.141	ug/L
108-05-4	Vinyl acetate	0.197U	5	0.197	ug/L
75-01-4	Vinyl chloride	0.104U	5	0.104	ug/L
156-59-2	cis-1,2-Dichloroethene	0.104U	5	0.104	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.105U	5	0.105	ug/L
136777-61-2	m,p-Xylene	0.099U	10	0.099	ug/L
104-51-8	n-Butylbenzene	0.068U	5	0.068	ug/L
110-54-3	n-Hexane	0.126U	5	0.126	ug/L
103-65-1	n-Propylbenzene	0.069U	5	0.069	ug/L
95-47-6	o-Xylene	0.077U	5	0.077	ug/L
135-98-8	sec-Butylbenzene	0.088U	5	0.088	ug/L
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	5	0.084	ug/L
98-06-6	tert-Butylbenzene	0.058U	5	0.058	ug/L
156-60-5	trans-1,2-Dichloroethene	0.096U	5	0.096	ug/L
10061-02-6	trans-1,3-Dichloropropene	0.068U	5	0.068	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	5	0.429	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	49.9	ug/L	100	84 - 120
1868-53-7	Dibromofluoromethane	50	50	ug/L	100	87 - 116
2037-26-5	Toluene d8	50	48.3	ug/L	97	86 - 112
17060-07-0	1,2-Dichloroethane-d4	50	50.9	ug/L	102	76 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080926	**AOCU-GW01-M**	Water	03/05/2011 14:16	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:08	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	5	03/10/2011 20:07	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.052B**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.024B**	**0.050**	**0.013**	**mg/L**
7440-39-3	**Barium**	**0.013B**	**0.050**	**0.00055**	**mg/L**
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**1130**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.014B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.074**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2110**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.71**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.026B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**80.4**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	50	03/10/2011 23:19	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**11900**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080927	**AOCU-GW02-M**	Water	03/05/2011 13:21	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:09	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	10	03/10/2011 20:14	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.061B**	**0.60**	**0.040**	**mg/L**
7440-38-2	Arsenic	0.025U	0.10	0.025	mg/L
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**776**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.018B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	Copper	0.014U	0.10	0.014	mg/L
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**8220**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.24**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.070B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**627**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	100	03/10/2011 23:40	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**48100**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080928	**AOCU-GW03-M**	Water	03/05/2011 11:36	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:11	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	25	03/10/2011 20:21	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	**Antimony**	**0.13B**	**1.50**	**0.10**	**mg/L**
7440-38-2	Arsenic	0.063U	0.25	0.063	mg/L
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**539**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.072B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.23B**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**13700**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**0.41**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.12B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**481**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	250	03/10/2011 23:47	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**54700**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080929	**AOCU-GW05-M**	Water	03/05/2011 12:01	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:13	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	10	03/10/2011 20:28	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.058B**	**0.60**	**0.040**	**mg/L**
7440-38-2	Arsenic	0.025U	0.10	0.025	mg/L
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**824**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.018B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	Copper	0.014U	0.10	0.014	mg/L
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**8290**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.60**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.065B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**490**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	100	03/10/2011 23:54	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**39600**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080930	**AOCU-GW07-M**	Water	03/05/2011 10:31	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:14	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	25	03/10/2011 20:35	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	**Antimony**	**0.14B**	**1.50**	**0.10**	**mg/L**
7440-38-2	Arsenic	0.063U	0.25	0.063	mg/L
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**543**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.065B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.24B**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**14000**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**0.22B**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.12B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**416**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	250	03/11/2011 00:02	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**57800**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080931	**AOCU-GW08-M**	Water	03/05/2011 10:11	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:16	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	25	03/10/2011 20:42	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	**Antimony**	**0.17B**	**1.50**	**0.10**	**mg/L**
7440-38-2	**Arsenic**	**0.13B**	**0.25**	**0.063**	**mg/L**
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**496**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.059B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.20B**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**15300**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**0.43**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.13B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**549**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	250	03/11/2011 00:09	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**67000**	**250**	**12.9**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080932	**AOCU-GW10-M**	Water	03/04/2011 14:16	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:17	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	10	03/10/2011 20:49	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.081B**	**0.60**	**0.040**	**mg/L**
7440-38-2	**Arsenic**	**0.052B**	**0.10**	**0.025**	**mg/L**
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**838**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.018B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	Copper	0.014U	0.10	0.014	mg/L
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**7840**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**1.19**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.063B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**332**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	100	03/11/2011 00:16	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**33500**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080933	**AOCU-GW12-M**	Water	03/04/2011 13:11	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:19	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	10	03/11/2011 10:15	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.44U	2.00	0.44	mg/L
7440-36-0	**Antimony**	**0.076B**	**0.60**	**0.040**	**mg/L**
7440-38-2	Arsenic	0.025U	0.10	0.025	mg/L
7440-39-3	Barium	0.0011U	0.10	0.0011	mg/L
7440-41-7	Beryllium	0.0011U	0.050	0.0011	mg/L
7440-43-9	Cadmium	0.0011U	0.050	0.0011	mg/L
7440-70-2	**Calcium**	**840**	**1.00**	**0.26**	**mg/L**
7440-47-3	**Chromium**	**0.028B**	**0.10**	**0.0034**	**mg/L**
7440-48-4	Cobalt	0.0040U	0.10	0.0040	mg/L
7440-50-8	**Copper**	**0.16**	**0.10**	**0.014**	**mg/L**
7439-89-6	Iron	0.38U	1.00	0.38	mg/L
7439-92-1	Lead	0.014U	0.15	0.014	mg/L
7439-95-4	**Magnesium**	**4360**	**1.00**	**0.14**	**mg/L**
7439-96-5	**Manganese**	**0.62**	**0.15**	**0.012**	**mg/L**
7440-02-0	**Nickel**	**0.048B**	**0.40**	**0.0096**	**mg/L**
7440-09-7	**Potassium**	**611**	**5.00**	**0.53**	**mg/L**
7782-49-2	Selenium	0.043U	0.40	0.043	mg/L
7440-22-4	Silver	0.0060U	0.10	0.0060	mg/L
7440-28-0	Thallium	0.018U	0.20	0.018	mg/L
7440-62-2	Vanadium	0.0082U	0.20	0.0082	mg/L
7440-66-6	Zinc	0.027U	0.20	0.027	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	100	03/11/2011 12:29	AJW	452270

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**38700**	**100**	**5.14**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080934	**AOCU-GW15-M**	Water	03/04/2011 15:31	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:21	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	50	03/11/2011 00:31	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**17400**	**50.0**	**2.57**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	5	03/11/2011 10:52	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.050B**	**0.30**	**0.020**	**mg/L**
7440-38-2	Arsenic	0.013U	0.050	0.013	mg/L
7440-39-3	**Barium**	**0.0029B**	**0.050**	**0.00055**	**mg/L**
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**1120**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.010B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.016B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**3440**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**1.18**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.032B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**143**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080935	**AOCU-GW17-M**	Water	03/04/2011 13:46	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:22	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	250	03/11/2011 00:38	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**62600**	**250**	**12.9**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	25	03/11/2011 10:59	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	1.10U	5.00	1.10	mg/L
7440-36-0	**Antimony**	**0.14B**	**1.50**	**0.10**	**mg/L**
7440-38-2	Arsenic	0.063U	0.25	0.063	mg/L
7440-39-3	Barium	0.0028U	0.25	0.0028	mg/L
7440-41-7	Beryllium	0.0029U	0.13	0.0029	mg/L
7440-43-9	Cadmium	0.0028U	0.13	0.0028	mg/L
7440-70-2	**Calcium**	**358**	**2.50**	**0.64**	**mg/L**
7440-47-3	**Chromium**	**0.055B**	**0.25**	**0.0086**	**mg/L**
7440-48-4	Cobalt	0.0099U	0.25	0.0099	mg/L
7440-50-8	**Copper**	**0.11B**	**0.25**	**0.034**	**mg/L**
7439-89-6	Iron	0.94U	2.50	0.94	mg/L
7439-92-1	Lead	0.035U	0.38	0.035	mg/L
7439-95-4	**Magnesium**	**17100**	**2.50**	**0.36**	**mg/L**
7439-96-5	**Manganese**	**0.70**	**0.38**	**0.031**	**mg/L**
7440-02-0	**Nickel**	**0.15B**	**1.00**	**0.024**	**mg/L**
7440-09-7	**Potassium**	**555**	**12.5**	**1.32**	**mg/L**
7782-49-2	Selenium	0.11U	1.00	0.11	mg/L
7440-22-4	Silver	0.015U	0.25	0.015	mg/L
7440-28-0	Thallium	0.044U	0.50	0.044	mg/L
7440-62-2	Vanadium	0.020U	0.50	0.020	mg/L
7440-66-6	Zinc	0.068U	0.50	0.068	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080936	**AOCU-SW01-M**	Water	03/06/2011 10:41	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:27	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	50	03/11/2011 00:45	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**14500**	**50.0**	**2.57**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	5	03/11/2011 11:06	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.030B**	**0.30**	**0.020**	**mg/L**
7440-38-2	Arsenic	0.013U	0.050	0.013	mg/L
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**1160**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.013B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.033B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**3050**	**0.50**	**0.072**	**mg/L**
7439-96-5	Manganese	0.0062U	0.075	0.0062	mg/L
7440-02-0	**Nickel**	**0.030B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**80.8**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080937	**AOCU-SW02-M**	Water	03/06/2011 10:01	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:29	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	50	03/11/2011 01:06	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**16100**	**50.0**	**2.57**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	5	03/11/2011 11:13	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.027B**	**0.30**	**0.020**	**mg/L**
7440-38-2	Arsenic	0.013U	0.050	0.013	mg/L
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**951**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.012B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.039B**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**2850**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.16**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.029B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**95.3**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080938	**AOCU-SW03-M**	Water	03/06/2011 08:51	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 12:59	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	5	03/09/2011 00:47	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.028B**	**0.30**	**0.020**	**mg/L**
7440-38-2	Arsenic	0.013U	0.050	0.013	mg/L
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**842**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.0075B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.14**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**1300**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.080**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.047B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**49.5**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	Vanadium	0.0041U	0.10	0.0041	mg/L
7440-66-6	**Zinc**	**0.059B**	**0.10**	**0.014**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	50	03/11/2011 11:54	AJW	452270

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**6510**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080939	**AOCU-SW03-A-M**	Water	03/06/2011 08:51	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:30	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	Mercury	0.000081U	0.00020	0.000081	mg/L

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	50	03/11/2011 01:13	AJW	452253

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**7240**	**50.0**	**2.57**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	5	03/11/2011 11:20	CLB	452215

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	Aluminum	0.22U	1.00	0.22	mg/L
7440-36-0	**Antimony**	**0.033B**	**0.30**	**0.020**	**mg/L**
7440-38-2	Arsenic	0.013U	0.050	0.013	mg/L
7440-39-3	Barium	0.00055U	0.050	0.00055	mg/L
7440-41-7	Beryllium	0.00057U	0.025	0.00057	mg/L
7440-43-9	Cadmium	0.00055U	0.025	0.00055	mg/L
7440-70-2	**Calcium**	**874**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.015B**	**0.050**	**0.0017**	**mg/L**
7440-48-4	Cobalt	0.0020U	0.050	0.0020	mg/L
7440-50-8	**Copper**	**0.085**	**0.050**	**0.0069**	**mg/L**
7439-89-6	Iron	0.19U	0.50	0.19	mg/L
7439-92-1	Lead	0.0070U	0.075	0.0070	mg/L
7439-95-4	**Magnesium**	**1510**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.045B**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.019B**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**55.1**	**2.50**	**0.26**	**mg/L**
7782-49-2	Selenium	0.022U	0.20	0.022	mg/L
7440-22-4	Silver	0.0030U	0.050	0.0030	mg/L
7440-28-0	Thallium	0.0088U	0.10	0.0088	mg/L
7440-62-2	**Vanadium**	**0.042B**	**0.10**	**0.0041**	**mg/L**
7440-66-6	Zinc	0.014U	0.10	0.014	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080940	**AOCU-SW03-M-MS**	Water	03/06/2011 08:51	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:00	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	**Mercury**	**0.00328**	**0.00020**	**0.000081**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	5	03/09/2011 00:53	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	**Aluminum**	**4.77**	**1.00**	**0.22**	**mg/L**
7440-36-0	**Antimony**	**0.55**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.57**	**0.050**	**0.013**	**mg/L**
7440-39-3	**Barium**	**0.49**	**0.050**	**0.00055**	**mg/L**
7440-41-7	**Beryllium**	**0.50**	**0.025**	**0.00057**	**mg/L**
7440-43-9	**Cadmium**	**0.48**	**0.025**	**0.00055**	**mg/L**
7440-70-2	**Calcium**	**880**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.48**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.48**	**0.050**	**0.0020**	**mg/L**
7440-50-8	**Copper**	**0.63**	**0.050**	**0.0069**	**mg/L**
7439-89-6	**Iron**	**4.76**	**0.50**	**0.19**	**mg/L**
7439-92-1	**Lead**	**0.47**	**0.075**	**0.0070**	**mg/L**
7439-95-4	**Magnesium**	**1470**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.54**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.51**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**70.2**	**2.50**	**0.26**	**mg/L**
7782-49-2	**Selenium**	**0.53**	**0.20**	**0.022**	**mg/L**
7440-22-4	**Silver**	**0.53**	**0.050**	**0.0030**	**mg/L**
7440-28-0	**Thallium**	**0.45**	**0.10**	**0.0088**	**mg/L**
7440-62-2	**Vanadium**	**0.33**	**0.10**	**0.0041**	**mg/L**
7440-66-6	**Zinc**	**0.53**	**0.10**	**0.014**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	50	03/11/2011 12:01	AJW	452270

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**7590**	**50.0**	**2.57**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21103080941	**AOCU-SW03-M-MSD**	Water	03/06/2011 08:51	03/08/2011 08:55

SW-846 7470A Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452014	SW-846 7470A Dissolved	1	03/09/2011 13:02	AJW	452103

CAS#	Parameter	Result	RDL	MDL	Units
7439-97-6	**Mercury**	**0.00297**	**0.00020**	**0.000081**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	5	03/09/2011 01:00	AJW	452019

CAS#	Parameter	Result	RDL	MDL	Units
7429-90-5	**Aluminum**	**4.59**	**1.00**	**0.22**	**mg/L**
7440-36-0	**Antimony**	**0.53**	**0.30**	**0.020**	**mg/L**
7440-38-2	**Arsenic**	**0.53**	**0.050**	**0.013**	**mg/L**
7440-39-3	**Barium**	**0.46**	**0.050**	**0.00055**	**mg/L**
7440-41-7	**Beryllium**	**0.47**	**0.025**	**0.00057**	**mg/L**
7440-43-9	**Cadmium**	**0.45**	**0.025**	**0.00055**	**mg/L**
7440-70-2	**Calcium**	**856**	**0.50**	**0.13**	**mg/L**
7440-47-3	**Chromium**	**0.45**	**0.050**	**0.0017**	**mg/L**
7440-48-4	**Cobalt**	**0.46**	**0.050**	**0.0020**	**mg/L**
7440-50-8	**Copper**	**0.61**	**0.050**	**0.0069**	**mg/L**
7439-89-6	**Iron**	**4.57**	**0.50**	**0.19**	**mg/L**
7439-92-1	**Lead**	**0.44**	**0.075**	**0.0070**	**mg/L**
7439-95-4	**Magnesium**	**1420**	**0.50**	**0.072**	**mg/L**
7439-96-5	**Manganese**	**0.53**	**0.075**	**0.0062**	**mg/L**
7440-02-0	**Nickel**	**0.48**	**0.20**	**0.0048**	**mg/L**
7440-09-7	**Potassium**	**68.0**	**2.50**	**0.26**	**mg/L**
7782-49-2	**Selenium**	**0.48**	**0.20**	**0.022**	**mg/L**
7440-22-4	**Silver**	**0.51**	**0.050**	**0.0030**	**mg/L**
7440-28-0	**Thallium**	**0.40**	**0.10**	**0.0088**	**mg/L**
7440-62-2	**Vanadium**	**0.34**	**0.10**	**0.0041**	**mg/L**
7440-66-6	**Zinc**	**0.50**	**0.10**	**0.014**	**mg/L**

SW-846 6010B Dissolved

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/08/2011 11:15	452012	SW-846 3005 Dissolved	50	03/11/2011 12:08	AJW	452270

CAS#	Parameter	Result	RDL	MDL	Units
7440-23-5	**Sodium**	**7610**	**50.0**	**2.57**	**mg/L**

GC/MS Volatiles Quality Control Summary

Analytical Batch 452153		**Client ID**	MB452153			LCS452153			LCSD452153		
Prep Batch N/A		**GCAL ID**	927888			927889			927890		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/09/2011 22:16			03/09/2011 21:09			03/09/2011 21:32		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		0.322U	0.322	50.0	48.9	98	59 - 134	51.1	102	4	30
107-02-8	Acrolein		2.49U	2.49	250	254	102	33 - 157	276	110	8	30
107-13-1	Acrylonitrile		1.62U	1.62	250	259	104	62 - 124	257	103	0.8	30
74-97-5	Bromochloromethane		0.238U	0.238	50.0	49.1	98	78 - 112	49.7	99	1	30
75-27-4	Bromodichloromethane		0.071U	0.071	50.0	51.8	104	76 - 116	49.7	99	4	30
75-25-2	Bromoform		0.278U	0.278	50.0	43.3	87	68 - 128	43.1	86	0.5	30
74-83-9	Bromomethane		0.276U	0.276	50.0	49.2	98	55 - 151	48.1	96	2	30
75-15-0	Carbon disulfide		0.190U	0.190	50.0	50.7	101	67 - 147	47.6	95	6	30
56-23-5	Carbon tetrachloride		0.056U	0.056	50.0	49.7	99	74 - 139	47.7	95	4	30
75-00-3	Chloroethane		0.279U	0.279	50.0	50.4	101	54 - 166	47.8	96	5	30
136777-61-2	m,p-Xylene		0.099U	0.099	100	103	103	83 - 121	96.7	97	6	30
67-66-3	Chloroform		0.062U	0.062	50.0	47.4	95	85 - 123	45.1	90	5	30
74-87-3	Chloromethane		0.076U	0.076	50.0	46.7	93	55 - 173	46.1	92	1	30
124-48-1	Dibromochloromethane		0.133U	0.133	50.0	43.9	88	74 - 116	44.4	89	1	30
74-95-3	Dibromomethane		0.197U	0.197	50.0	50.8	102	81 - 116	49.3	99	3	30
75-71-8	Dichlorodifluoromethane		0.088U	0.088	50.0	48.4	97	34 - 158	45.0	90	7	30
75-34-3	1,1-Dichloroethane		0.064U	0.064	50.0	50.2	100	82 - 127	47.9	96	5	30
107-06-2	1,2-Dichloroethane		0.121U	0.121	50.0	50.6	101	76 - 122	49.5	99	2	30
156-59-2	cis-1,2-Dichloroethene		0.104U	0.104	50.0	50.0	100	81 - 114	48.0	96	4	30
156-60-5	trans-1,2-Dichloroethene		0.096U	0.096	50.0	51.3	103	82 - 126	48.6	97	5	30
75-09-2	Methylene chloride		0.102U	0.102	50.0	49.1	98	69 - 125	46.7	93	5	30
78-87-5	1,2-Dichloropropane		0.114U	0.114	50.0	49.6	99	81 - 120	47.8	96	4	30
10061-01-5	cis-1,3-Dichloropropene		0.105U	0.105	50.0	45.9	92	83 - 119	46.0	92	0.2	30
10061-02-6	trans-1,3-Dichloropropene		0.068U	0.068	50.0	44.8	90	87 - 123	43.1	**86***	4	30
100-41-4	Ethylbenzene		0.180U	0.180	50.0	51.0	102	87 - 118	49.0	98	4	30
97-63-2	Ethyl methacrylate		0.340U	0.340								
591-78-6	2-Hexanone		0.302U	0.302	50.0	42.7	85	58 - 125	43.9	88	3	30
98-82-8	Isopropylbenzene (Cumene)		0.058U	0.058	50.0	50.9	102	87 - 131	48.4	97	5	30
78-93-3	2-Butanone		0.235U	0.235	50.0	50.7	101	61 - 127	54.2	108	7	30
74-88-4	Methyl iodide		0.097U	0.097	50.0	50.3	101	72 - 125	47.7	95	5	30
108-10-1	4-Methyl-2-pentanone		0.142U	0.142	50.0	50.0	100	62 - 125	50.4	101	0.8	30
103-65-1	n-Propylbenzene		0.069U	0.069	50.0	53.2	106	86 - 125	50.9	102	4	30
100-42-5	Styrene		0.058U	0.058	50.0	50.9	102	78 - 118	49.5	99	3	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 452153		**Client ID**	MB452153			LCS452153			LCSD452153		
Prep Batch N/A		**GCAL ID**	927888			927889			927890		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/09/2011 22:16			03/09/2011 21:09			03/09/2011 21:32		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
127-18-4	Tetrachloroethene		0.210U	0.210	50.0	48.4	97	80 - 131	45.5	91	6	30
630-20-6	1,1,1,2-Tetrachloroethane		0.150U	0.150	50.0	44.3	89	81 - 119	43.3	87	2	30
79-34-5	1,1,2,2-Tetrachloroethane		0.112U	0.112	50.0	52.7	105	71 - 120	51.6	103	2	30
120-82-1	1,2,4-Trichlorobenzene		0.138U	0.138	50.0	53.7	107	68 - 123	53.2	106	0.9	30
71-55-6	1,1,1-Trichloroethane		0.078U	0.078	50.0	50.5	101	79 - 133	47.7	95	6	30
79-00-5	1,1,2-Trichloroethane		0.179U	0.179	50.0	46.4	93	80 - 114	48.0	96	3	30
75-69-4	Trichlorofluoromethane		0.094U	0.094	50.0	47.9	96	66 - 156	45.6	91	5	30
96-18-4	1,2,3-Trichloropropane		0.063U	0.063	50.0	50.4	101	77 - 115	51.6	103	2	30
95-63-6	1,2,4-Trimethylbenzene		0.080U	0.080	50.0	55.0	110	82 - 120	52.8	106	4	30
108-67-8	1,3,5-Trimethylbenzene		0.053U	0.053	50.0	52.9	106	83 - 123	50.4	101	5	30
75-01-4	Vinyl chloride		0.104U	0.104	50.0	49.8	100	57 - 153	48.0	96	4	30
95-47-6	o-Xylene		0.077U	0.077	50.0	49.7	99	83 - 121	49.0	98	1	30
96-12-8	1,2-Dibromo-3-chloropropane		0.082U	0.082	50.0	45.8	92	61 - 118	47.2	94	3	30
106-93-4	1,2-Dibromoethane		0.169U	0.169	50.0	48.5	97	80 - 115	48.5	97	0	30
80-62-6	Methyl methacrylate		0.606U	0.606								
107-12-0	Propionitrile		3.06U	3.06								
108-05-4	Vinyl acetate		0.197U	0.197	50.0	45.4	91	38 - 159	44.0	88	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)		0.084U	0.084	50.0	50.3	101	75 - 116	49.7	99	1	30
99-87-6	4-Isopropyltoluene		0.175U	0.175	50.0	48.2	96	83 - 125	46.3	93	4	30
110-54-3	n-Hexane		0.126U	0.126	50.0	50.8	102	71 - 134	44.6	89	13	30
110-57-6	trans-1,4-Dichloro-2-butene		0.429U	0.429	50.0	49.4	99	51 - 137	48.0	96	3	30
594-20-7	2,2-Dichloropropane		0.112U	0.112	50.0	51.4	103	77 - 138	47.6	95	8	30
76-13-1	Trichlorotrifluoroethane		0.141U	0.141	50.0	49.6	99	74 - 139	46.8	94	6	30
563-58-6	1,1-Dichloropropene		0.071U	0.071	50.0	50.2	100	87 - 127	48.9	98	3	30
110-75-8	2-Chloroethylvinyl ether		1.20U	1.20	50.0	56.0	112	63 - 125	57.1	114	2	30
142-28-9	1,3-Dichloropropane		0.113U	0.113	50.0	48.5	97	81 - 113	47.4	95	2	30
108-86-1	Bromobenzene		0.095U	0.095	50.0	51.6	103	83 - 115	50.8	102	2	30
95-49-8	2-Chlorotoluene		0.090U	0.090	50.0	52.3	105	81 - 121	51.1	102	2	30
106-43-4	4-Chlorotoluene		0.046U	0.046	50.0	54.3	109	84 - 120	52.7	105	3	30
98-06-6	tert-Butylbenzene		0.058U	0.058	50.0	52.6	105	83 - 126	50.6	101	4	30
135-98-8	sec-Butylbenzene		0.088U	0.088	50.0	52.8	106	86 - 127	50.5	101	4	30
541-73-1	1,3-Dichlorobenzene		0.080U	0.080	50.0	54.1	108	86 - 115	53.4	107	1	30
106-46-7	1,4-Dichlorobenzene		0.058U	0.058	50.0	50.8	102	87 - 113	50.9	102	0.2	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 452153		**Client ID**	MB452153			LCS452153			LCSD452153		
Prep Batch N/A		**GCAL ID**	927888			927889			927890		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/09/2011 22:16			03/09/2011 21:09			03/09/2011 21:32		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
104-51-8	n-Butylbenzene		0.068U	0.068	50.0	53.4	107	84 - 124	51.1	102	4	30
95-50-1	1,2-Dichlorobenzene		0.086U	0.086	50.0	52.7	105	85 - 115	52.0	104	1	30
87-68-3	Hexachlorobutadiene		0.347U	0.347	50.0	48.1	96	71 - 133	44.4	89	8	30
91-20-3	Naphthalene		0.175U	0.175	50.0	52.1	104	59 - 125	54.9	110	5	35
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	51.5	103	64 - 126	51.0	102	1	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	51.3	103	87 - 128	43.0	**86***	18	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	46.2	92	75 - 133	46.5	93	0.6	20
71-43-2	Benzene		0.049U	0.049	50.0	51.4	103	83 - 124	50.5	101	2	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	51.9	104	85 - 124	49.5	99	5	20
108-88-3	Toluene		0.078U	0.078	50.0	47.5	95	86 - 116	46.6	93	2	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	47.9	96	87 - 115	47.2	94	1	20
Surrogate												
460-00-4	4-Bromofluorobenzene		49.5	99	50	47.5	95	84 - 120	48.5	97		
1868-53-7	Dibromofluoromethane		48.1	96	50	49.3	99	87 - 116	48.6	97		
2037-26-5	Toluene d8		50	100	50	46.3	93	86 - 112	47.1	94		
17060-07-0	1,2-Dichloroethane-d4		50.7	101	50	48.8	98	76 - 127	49.1	98		

Analytical Batch 452154		**Client ID**	MB452154			LCS452154			LCSD452154		
Prep Batch N/A		**GCAL ID**	927891			927892			927893		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/10/2011 00:27			03/09/2011 21:33			03/09/2011 21:55		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		0.322U	0.322	50.0	56.2	112	59 - 134	56.6	113	0.7	30
107-02-8	Acrolein		2.49U	2.49	250	260	104	33 - 157	247	99	5	30
107-13-1	Acrylonitrile		1.62U	1.62	250	269	108	62 - 124	260	104	3	30
74-97-5	Bromochloromethane		0.238U	0.238	50.0	52.6	105	78 - 112	56.1	112	6	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 452154		**Client ID**	MB452154			LCS452154			LCSD452154		
Prep Batch N/A		**GCAL ID**	927891			927892			927893		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/10/2011 00:27			03/09/2011 21:33			03/09/2011 21:55		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
75-27-4	Bromodichloromethane	0.071U		0.071	50.0	49.6	99	76 - 116	46.7	93	6	30
75-25-2	Bromoform	0.278U		0.278	50.0	53.0	106	68 - 128	51.6	103	3	30
74-83-9	Bromomethane	0.276U		0.276	50.0	54.7	109	55 - 151	51.4	103	6	30
75-15-0	Carbon disulfide	0.190U		0.190	50.0	54.4	109	67 - 147	50.6	101	7	30
56-23-5	Carbon tetrachloride	0.056U		0.056	50.0	51.0	102	74 - 139	48.4	97	5	30
75-00-3	Chloroethane	0.279U		0.279	50.0	59.9	120	54 - 166	54.0	108	10	30
136777-61-2	m,p-Xylene	0.099U		0.099	100	102	102	83 - 121	96.3	96	6	30
67-66-3	Chloroform	0.062U		0.062	50.0	48.5	97	85 - 123	52.0	104	7	30
74-87-3	Chloromethane	0.076U		0.076	50.0	48.3	97	55 - 173	46.0	92	5	30
124-48-1	Dibromochloromethane	0.133U		0.133	50.0	52.3	105	74 - 116	50.2	100	4	30
74-95-3	Dibromomethane	0.197U		0.197	50.0	48.8	98	81 - 116	45.8	92	6	30
75-71-8	Dichlorodifluoromethane	0.088U		0.088	50.0	47.9	96	34 - 158	45.8	92	4	30
75-34-3	1,1-Dichloroethane	0.064U		0.064	50.0	51.0	102	82 - 127	46.9	94	8	30
107-06-2	1,2-Dichloroethane	0.121U		0.121	50.0	50.1	100	76 - 122	47.7	95	5	30
156-59-2	cis-1,2-Dichloroethene	0.104U		0.104	50.0	50.0	100	81 - 114	44.9	90	11	30
156-60-5	trans-1,2-Dichloroethene	0.096U		0.096	50.0	51.8	104	82 - 126	48.6	97	6	30
75-09-2	Methylene chloride	0.102U		0.102	50.0	49.6	99	69 - 125	46.1	92	7	30
78-87-5	1,2-Dichloropropane	0.114U		0.114	50.0	49.9	100	81 - 120	48.5	97	3	30
10061-01-5	cis-1,3-Dichloropropene	0.105U		0.105	50.0	50.9	102	83 - 119	48.5	97	5	30
10061-02-6	trans-1,3-Dichloropropene	0.068U		0.068	50.0	51.9	104	87 - 123	49.5	99	5	30
100-41-4	Ethylbenzene	0.180U		0.180	50.0	51.3	103	87 - 118	48.7	97	5	30
97-63-2	Ethyl methacrylate	0.340U		0.340								
591-78-6	2-Hexanone	0.302U		0.302	50.0	52.6	105	58 - 125	51.7	103	2	30
98-82-8	Isopropylbenzene (Cumene)	0.058U		0.058	50.0	51.7	103	87 - 131	49.5	99	4	30
78-93-3	2-Butanone	0.235U		0.235	50.0	53.7	107	61 - 127	51.0	102	5	30
74-88-4	Methyl iodide	0.097U		0.097	50.0	56.1	112	72 - 125	49.5	99	13	30
108-10-1	4-Methyl-2-pentanone	0.142U		0.142	50.0	55.2	110	62 - 125	50.3	101	9	30
103-65-1	n-Propylbenzene	0.069U		0.069	50.0	50.7	101	86 - 125	49.2	98	3	30
100-42-5	Styrene	0.058U		0.058	50.0	50.6	101	78 - 118	49.6	99	2	30
127-18-4	Tetrachloroethene	0.210U		0.210	50.0	51.9	104	80 - 131	48.7	97	6	30
630-20-6	1,1,1,2-Tetrachloroethane	0.150U		0.150	50.0	49.9	100	81 - 119	48.4	97	3	30
79-34-5	1,1,2,2-Tetrachloroethane	0.112U		0.112	50.0	51.3	103	71 - 120	50.4	101	2	30
120-82-1	1,2,4-Trichlorobenzene	0.138U		0.138	50.0	52.8	106	68 - 123	49.0	98	7	30

GC/MS Volatiles Quality Control Summary

Analytical Batch 452154		**Client ID**	MB452154			LCS452154			LCSD452154		
Prep Batch N/A		**GCAL ID**	927891			927892			927893		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/10/2011 00:27			03/09/2011 21:33			03/09/2011 21:55		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
71-55-6	1,1,1-Trichloroethane	0.078U		0.078	50.0	51.5	103	79 - 133	46.6	93	10	30
79-00-5	1,1,2-Trichloroethane	0.179U		0.179	50.0	51.0	102	80 - 114	49.4	99	3	30
75-69-4	Trichlorofluoromethane	0.094U		0.094	50.0	52.7	105	66 - 156	47.5	95	10	30
96-18-4	1,2,3-Trichloropropane	0.063U		0.063	50.0	52.0	104	77 - 115	50.6	101	3	30
95-63-6	1,2,4-Trimethylbenzene	0.080U		0.080	50.0	49.5	99	82 - 120	47.2	94	5	30
108-67-8	1,3,5-Trimethylbenzene	0.053U		0.053	50.0	50.7	101	83 - 123	47.1	94	7	30
75-01-4	Vinyl chloride	0.104U		0.104	50.0	54.9	110	57 - 153	48.9	98	12	30
95-47-6	o-Xylene	0.077U		0.077	50.0	49.6	99	83 - 121	49.3	99	0.6	30
96-12-8	1,2-Dibromo-3-chloropropane	0.082U		0.082	50.0	56.4	113	61 - 118	52.8	106	7	30
106-93-4	1,2-Dibromoethane	0.169U		0.169	50.0	50.5	101	80 - 115	48.6	97	4	30
80-62-6	Methyl methacrylate	0.606U		0.606								
107-12-0	Propionitrile	3.06U		3.06								
108-05-4	Vinyl acetate	0.197U		0.197	50.0	51.0	102	38 - 159	49.6	99	3	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U		0.084	50.0	52.2	104	75 - 116	48.7	97	7	30
99-87-6	4-Isopropyltoluene	0.175U		0.175	50.0	50.6	101	83 - 125	46.9	94	8	30
110-54-3	n-Hexane	0.126U		0.126	50.0	60.0	120	71 - 134	49.8	100	19	30
110-57-6	trans-1,4-Dichloro-2-butene	0.429U		0.429	50.0	55.0	110	51 - 137	51.0	102	8	30
594-20-7	2,2-Dichloropropane	0.112U		0.112	50.0	47.1	94	77 - 138	43.8	88	7	30
76-13-1	Trichlorotrifluoroethane	0.141U		0.141	50.0	52.3	105	74 - 139	48.0	96	9	30
563-58-6	1,1-Dichloropropene	0.071U		0.071	50.0	51.3	103	87 - 127	46.8	94	9	30
110-75-8	2-Chloroethylvinyl ether	1.20U		1.20	50.0	56.0	112	63 - 125	53.9	108	4	30
142-28-9	1,3-Dichloropropane	0.113U		0.113	50.0	52.0	104	81 - 113	50.2	100	4	30
108-86-1	Bromobenzene	0.095U		0.095	50.0	50.0	100	83 - 115	48.9	98	2	30
95-49-8	2-Chlorotoluene	0.090U		0.090	50.0	50.6	101	81 - 121	48.3	97	5	30
106-43-4	4-Chlorotoluene	0.046U		0.046	50.0	49.7	99	84 - 120	47.0	94	6	30
98-06-6	tert-Butylbenzene	0.058U		0.058	50.0	51.9	104	83 - 126	48.9	98	6	30
135-98-8	sec-Butylbenzene	0.088U		0.088	50.0	50.0	100	86 - 127	46.5	93	7	30
541-73-1	1,3-Dichlorobenzene	0.080U		0.080	50.0	50.8	102	86 - 115	48.7	97	4	30
106-46-7	1,4-Dichlorobenzene	0.058U		0.058	50.0	50.1	100	87 - 113	48.7	97	3	30
104-51-8	n-Butylbenzene	0.068U		0.068	50.0	51.4	103	84 - 124	48.5	97	6	30
95-50-1	1,2-Dichlorobenzene	0.086U		0.086	50.0	50.0	100	85 - 115	49.6	99	0.8	30
87-68-3	Hexachlorobutadiene	0.347U		0.347	50.0	53.5	107	71 - 133	49.0	98	9	30
91-20-3	Naphthalene	0.175U		0.175	50.0	58.9	118	59 - 125	58.0	116	2	35

GC/MS Volatiles Quality Control Summary

Analytical Batch 452154		**Client ID**	MB452154			LCS452154			LCSD452154		
Prep Batch N/A		**GCAL ID**	927891			927892			927893		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/10/2011 00:27			03/09/2011 21:33			03/09/2011 21:55		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
87-61-6	1,2,3-Trichlorobenzene		0.107U	0.107	50.0	56.8	114	64 - 126	55.6	111	2	30
75-05-8	Acetonitrile		5.04U	5.04								
107-05-1	Allyl chloride		0.343U	0.343								
544-10-5	1-Chlorohexane		0.139U	0.139	50.0	47.0	94	87 - 128	44.5	89	5	30
76-01-7	Pentachloroethane		1.87U	1.87								
126-98-7	Methacrylonitrile		0.743U	0.743								
75-35-4	1,1-Dichloroethene		0.183U	0.183	50.0	53.7	107	75 - 133	50.4	101	6	20
71-43-2	Benzene		0.049U	0.049	50.0	51.4	103	83 - 124	47.0	94	9	20
79-01-6	Trichloroethene		0.094U	0.094	50.0	53.9	108	85 - 124	48.9	98	10	20
108-88-3	Toluene		0.078U	0.078	50.0	49.9	100	86 - 116	47.0	94	6	20
108-90-7	Chlorobenzene		0.055U	0.055	50.0	52.1	104	87 - 115	49.5	99	5	20
Surrogate												
460-00-4	4-Bromofluorobenzene		50.2	100	50	50.8	102	84 - 120	50.3	101		
1868-53-7	Dibromofluoromethane		46.9	94	50	50.5	101	87 - 116	49.9	100		
2037-26-5	Toluene d8		50.7	101	50	50.7	101	86 - 112	49.7	99		
17060-07-0	1,2-Dichloroethane-d4		50.4	101	50	51.3	103	76 - 127	49.3	99		

Analytical Batch 452154		**Client ID**	AOCU-SW03			AOCU-SW03-MS			AOCU-SW03-MSD		
Prep Batch N/A		**GCAL ID**	21103080916			21103080919			21103080920		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/10/2011 00:50			03/10/2011 01:13			03/10/2011 01:35		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
630-20-6	1,1,1,2-Tetrachloroethane		0.00	0.150	50.0	48.4	97	81 - 119	46.4	93	4	10
71-55-6	1,1,1-Trichloroethane		0.00	0.078	50.0	49.4	99	79 - 133	44.7	89	10	11
79-34-5	1,1,2,2-Tetrachloroethane		0.00	0.112	50.0	53.9	108	71 - 120	55.1	110	2	11
79-00-5	1,1,2-Trichloroethane		0.00	0.179	50.0	51.3	103	80 - 114	48.0	96	7	11
75-34-3	1,1-Dichloroethane		0.00	0.064	50.0	46.4	93	82 - 127	47.8	96	3	10
75-35-4	1,1-Dichloroethene		0.00	0.183	50.0	51.5	103	75 - 133	48.9	98	5	13
563-58-6	1,1-Dichloropropene		0.00	0.071	50.0	48.7	97	87 - 127	48.3	97	0.8	10
87-61-6	1,2,3-Trichlorobenzene		0.00	0.107	50.0	45.6	91	64 - 126	51.0	102	11	16

GC/MS Volatiles Quality Control Summary

Analytical Batch 452154	**Client ID**	AOCU-SW03	AOCU-SW03-MS	AOCU-SW03-MSD
Prep Batch N/A	**GCAL ID**	21103080916	21103080919	21103080920
	Sample Type	SAMPLE	MS	MSD
	Analytical Date	03/10/2011 00:50	03/10/2011 01:13	03/10/2011 01:35
	Matrix	Water	Water	Water

SW-846 8260B Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
96-18-4	1,2,3-Trichloropropane	0.00	0.063	50.0	51.6	103	77 - 115	54.3	109	5	12
120-82-1	1,2,4-Trichlorobenzene	0.00	0.138	50.0	42.9	86	68 - 123	47.3	95	10	11
95-63-6	1,2,4-Trimethylbenzene	0.00	0.080	50.0	46.1	92	82 - 120	44.4	89	4	10
96-12-8	1,2-Dibromo-3-chloropropane	0.00	0.082	50.0	54.1	108	61 - 118	59.7	**119***	10	15
106-93-4	1,2-Dibromoethane	0.00	0.169	50.0	49.8	100	80 - 115	48.8	98	2	10
95-50-1	1,2-Dichlorobenzene	0.00	0.086	50.0	46.5	93	85 - 115	48.1	96	3	9
107-06-2	1,2-Dichloroethane	0.00	0.121	50.0	48.1	96	76 - 122	49.8	100	3	11
78-87-5	1,2-Dichloropropane	0.00	0.114	50.0	48.4	97	81 - 120	47.8	96	1	11
108-67-8	1,3,5-Trimethylbenzene	0.00	0.053	50.0	46.9	94	83 - 123	45.7	91	3	10
541-73-1	1,3-Dichlorobenzene	0.00	0.080	50.0	46.6	93	86 - 115	46.0	92	1	9
142-28-9	1,3-Dichloropropane	0.00	0.113	50.0	50.6	101	81 - 113	49.8	100	2	11
106-46-7	1,4-Dichlorobenzene	0.00	0.058	50.0	45.6	91	87 - 113	46.4	93	2	10
544-10-5	1-Chlorohexane	0.00	0.139	50.0	41.4	**83***	87 - 128	38.8	**78***	6	10
594-20-7	2,2-Dichloropropane	0.00	0.112	50.0	50.1	100	77 - 138	42.6	85	**16***	12
78-93-3	2-Butanone	0.00	0.235	50.0	49.3	99	61 - 127	53.4	107	8	13
110-75-8	2-Chloroethylvinyl ether	0.00	1.20	50.0	0.00	**0***	63 - 125	0.00	**0***	0	24
95-49-8	2-Chlorotoluene	0.00	0.090	50.0	47.7	95	81 - 121	46.2	92	3	10
591-78-6	2-Hexanone	0.00	0.302	50.0	54.4	109	58 - 125	56.0	112	3	14
106-43-4	4-Chlorotoluene	0.00	0.046	50.0	45.6	91	84 - 120	45.0	90	1	10
99-87-6	4-Isopropyltoluene	0.00	0.175	50.0	45.3	91	83 - 125	44.3	89	2	9
108-10-1	4-Methyl-2-pentanone	0.00	0.142	50.0	62.5	125	62 - 125	66.2	**132***	6	13
67-64-1	Acetone	0.00	0.322	50.0	36.8	74	59 - 134	41.6	83	12	14
107-02-8	Acrolein	0.00	2.49	250	240	96	33 - 157	261	104	8	21
107-13-1	Acrylonitrile	0.00	1.62	250	257	103	62 - 124	280	112	9	13
71-43-2	Benzene	0.00	0.049	50.0	47.7	95	83 - 124	46.7	93	2	11
108-86-1	Bromobenzene	0.00	0.095	50.0	47.0	94	83 - 115	45.7	91	3	10
74-97-5	Bromochloromethane	0.00	0.238	50.0	59.0	**118***	78 - 112	51.0	102	**15***	10
75-27-4	Bromodichloromethane	0.00	0.071	50.0	48.2	96	76 - 116	47.4	95	2	10
75-25-2	Bromoform	0.00	0.278	50.0	50.4	101	68 - 128	52.2	104	4	11
74-83-9	Bromomethane	0.00	0.276	50.0	49.5	99	55 - 151	50.3	101	2	21
75-15-0	Carbon disulfide	0.00	0.190	50.0	49.9	100	67 - 147	49.5	99	0.8	12
56-23-5	Carbon tetrachloride	0.00	0.056	50.0	50.1	100	74 - 139	46.1	92	8	13
108-90-7	Chlorobenzene	0.00	0.055	50.0	48.3	97	87 - 115	47.3	95	2	9

GC/MS Volatiles Quality Control Summary

Analytical Batch 452154	**Client ID**	AOCU-SW03	AOCU-SW03-MS	AOCU-SW03-MSD
Prep Batch N/A	**GCAL ID**	21103080916	21103080919	21103080920
	Sample Type	SAMPLE	MS	MSD
	Analytical Date	03/10/2011 00:50	03/10/2011 01:13	03/10/2011 01:35
	Matrix	Water	Water	Water

SW-846 8260B Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
75-00-3	Chloroethane	0.00	0.279	50.0	53.7	107	54 - 166	50.4	101	6	20
67-66-3	Chloroform	0.00	0.062	50.0	53.2	106	85 - 123	46.9	94	**13***	10
74-87-3	Chloromethane	0.00	0.076	50.0	45.8	92	55 - 173	46.2	92	0.9	22
124-48-1	Dibromochloromethane	0.00	0.133	50.0	49.3	99	74 - 116	48.3	97	2	11
74-95-3	Dibromomethane	0.00	0.197	50.0	47.5	95	81 - 116	48.6	97	2	10
75-71-8	Dichlorodifluoromethane	0.00	0.088	50.0	48.7	97	34 - 158	47.4	95	3	22
100-41-4	Ethylbenzene	0.00	0.180	50.0	47.0	94	87 - 118	45.1	90	4	10
87-68-3	Hexachlorobutadiene	0.00	0.347	50.0	43.9	88	71 - 133	47.7	95	8	12
98-82-8	Isopropylbenzene (Cumene)	0.00	0.058	50.0	46.7	93	87 - 131	43.9	88	6	10
74-88-4	Methyl iodide	0.00	0.097	50.0	50.9	102	72 - 125	49.5	99	3	11
75-09-2	Methylene chloride	0.00	0.102	50.0	46.3	93	69 - 125	47.4	95	2	11
91-20-3	Naphthalene	0.00	0.175	50.0	50.2	100	59 - 125	58.4	117	15	15
100-42-5	Styrene	0.00	0.058	50.0	46.9	94	78 - 118	45.4	91	3	11
127-18-4	Tetrachloroethene	0.00	0.210	50.0	47.2	94	80 - 131	43.6	87	8	12
108-88-3	Toluene	0.00	0.078	50.0	47.2	94	86 - 116	43.4	87	8	10
79-01-6	Trichloroethene	0.00	0.094	50.0	50.9	102	85 - 124	49.5	99	3	10
75-69-4	Trichlorofluoromethane	0.00	0.094	50.0	50.2	100	66 - 156	48.8	98	3	15
76-13-1	Trichlorotrifluoroethane	0.00	0.141	50.0	49.6	99	74 - 139	49.2	98	0.8	13
108-05-4	Vinyl acetate	0.00	0.197	50.0	54.1	108	38 - 159	56.3	113	4	11
75-01-4	Vinyl chloride	0.00	0.104	50.0	50.6	101	57 - 153	48.7	97	4	22
156-59-2	cis-1,2-Dichloroethene	0.00	0.104	50.0	46.7	93	81 - 114	45.6	91	2	10
10061-01-5	cis-1,3-Dichloropropene	0.00	0.105	50.0	49.3	99	83 - 119	48.3	97	2	10
136777-61-2	m,p-Xylene	0.00	0.099	100	93.8	94	83 - 121	91.7	92	2	10
104-51-8	n-Butylbenzene	0.00	0.068	50.0	45.2	90	84 - 124	45.7	91	1	10
110-54-3	n-Hexane	0.00	0.126	50.0	49.4	99	71 - 134	50.3	101	2	11
103-65-1	n-Propylbenzene	0.00	0.069	50.0	47.5	95	86 - 125	46.5	93	2	10
95-47-6	o-Xylene	0.00	0.077	50.0	45.7	91	83 - 121	44.1	88	4	10
135-98-8	sec-Butylbenzene	0.00	0.088	50.0	44.4	89	86 - 127	44.3	89	0.2	10
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00	0.084	50.0	50.8	102	75 - 116	52.2	104	3	10
98-06-6	tert-Butylbenzene	0.00	0.058	50.0	47.7	95	83 - 126	46.6	93	2	10
156-60-5	trans-1,2-Dichloroethene	0.00	0.096	50.0	47.1	94	82 - 126	49.1	98	4	10
10061-02-6	trans-1,3-Dichloropropene	0.00	0.068	50.0	48.7	97	87 - 123	46.3	93	5	10
110-57-6	trans-1,4-Dichloro-2-butene	0.00	0.429	50.0	58.5	117	51 - 137	61.3	123	5	24

GC/MS Volatiles Quality Control Summary

Analytical Batch 452154		**Client ID**	AOCU-SW03			AOCU-SW03-MS			AOCU-SW03-MSD		
Prep Batch N/A		**GCAL ID**	21103080916			21103080919			21103080920		
		Sample Type	SAMPLE			MS			MSD		
		Analytical Date	03/10/2011 00:50			03/10/2011 01:13			03/10/2011 01:35		
		Matrix	Water			Water			Water		
SW-846 8260B Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
Surrogate												
460-00-4	4-Bromofluorobenzene		48.1	96	50	48.9	98	84 - 120	49.1	98		
1868-53-7	Dibromofluoromethane		50.3	101	50	49.8	100	87 - 116	46.3	93		
2037-26-5	Toluene d8		47.6	95	50	48.2	96	86 - 112	48.3	97		
17060-07-0	1,2-Dichloroethane-d4		51.9	104	50	50.8	102	76 - 127	51.8	104		

Analytical Batch 452190		**Client ID**	MB452190			LCS452190			LCSD452190		
Prep Batch N/A		**GCAL ID**	928095			928096			928097		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/10/2011 12:48			03/10/2011 11:15			03/10/2011 11:38		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-64-1	Acetone		0.322U	0.322	50.0	42.9	86	59 - 134	47.0	94	9	30
107-02-8	Acrolein		2.49U	2.49	250	253	101	33 - 157	240	96	5	30
107-13-1	Acrylonitrile		1.62U	1.62	250	241	96	62 - 124	245	98	2	30
74-97-5	Bromochloromethane		0.238U	0.238	50.0	56.4	**113***	78 - 112	50.4	101	11	30
75-27-4	Bromodichloromethane		0.071U	0.071	50.0	46.8	94	76 - 116	43.2	86	8	30
75-25-2	Bromoform		0.278U	0.278	50.0	46.4	93	68 - 128	46.8	94	0.9	30
74-83-9	Bromomethane		0.276U	0.276	50.0	47.0	94	55 - 151	45.3	91	4	30
75-15-0	Carbon disulfide		0.190U	0.190	50.0	48.5	97	67 - 147	42.1	84	14	30
56-23-5	Carbon tetrachloride		0.056U	0.056	50.0	48.3	97	74 - 139	44.0	88	9	30
75-00-3	Chloroethane		0.279U	0.279	50.0	51.3	103	54 - 166	46.1	92	11	30
136777-61-2	m,p-Xylene		0.099U	0.099	100	93.2	93	83 - 121	91.2	91	2	30
67-66-3	Chloroform		0.062U	0.062	50.0	50.9	102	85 - 123	47.1	94	8	30
74-87-3	Chloromethane		0.076U	0.076	50.0	42.0	84	55 - 173	40.8	82	3	30
124-48-1	Dibromochloromethane		0.133U	0.133	50.0	46.0	92	74 - 116	45.9	92	0.2	30
74-95-3	Dibromomethane		0.197U	0.197	50.0	44.4	89	81 - 116	42.2	84	5	30
75-71-8	Dichlorodifluoromethane		0.088U	0.088	50.0	43.6	87	34 - 158	38.4	77	13	30
75-34-3	1,1-Dichloroethane		0.064U	0.064	50.0	45.0	90	82 - 127	41.9	84	7	30
107-06-2	1,2-Dichloroethane		0.121U	0.121	50.0	46.5	93	76 - 122	43.3	87	7	30
156-59-2	cis-1,2-Dichloroethene		0.104U	0.104	50.0	52.2	104	81 - 114	41.1	82	24	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	452190	**Client ID**	MB452190			LCS452190			LCSD452190		
Prep Batch	N/A	**GCAL ID**	928095			928096			928097		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/10/2011 12:48			03/10/2011 11:15			03/10/2011 11:38		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
156-60-5	trans-1,2-Dichloroethene	0.096U	0.096	50.0	46.6	93	82 - 126	40.9	82	13	30
75-09-2	Methylene chloride	0.102U	0.102	50.0	43.3	87	69 - 125	40.9	82	6	30
78-87-5	1,2-Dichloropropane	0.114U	0.114	50.0	48.1	96	81 - 120	44.6	89	8	30
10061-01-5	cis-1,3-Dichloropropene	0.105U	0.105	50.0	46.5	93	83 - 119	44.0	88	6	30
10061-02-6	trans-1,3-Dichloropropene	0.068U	0.068	50.0	44.0	88	87 - 123	45.1	90	2	30
100-41-4	Ethylbenzene	0.180U	0.180	50.0	45.8	92	87 - 118	44.6	89	3	30
97-63-2	Ethyl methacrylate	0.340U	0.340								
591-78-6	2-Hexanone	0.302U	0.302	50.0	42.1	84	58 - 125	45.7	91	8	30
98-82-8	Isopropylbenzene (Cumene)	0.058U	0.058	50.0	47.7	95	87 - 131	45.2	90	5	30
78-93-3	2-Butanone	0.235U	0.235	50.0	46.9	94	61 - 127	45.2	90	4	30
74-88-4	Methyl iodide	0.097U	0.097	50.0	43.8	88	72 - 125	41.4	83	6	30
108-10-1	4-Methyl-2-pentanone	0.142U	0.142	50.0	46.1	92	62 - 125	46.6	93	1	30
103-65-1	n-Propylbenzene	0.069U	0.069	50.0	50.2	100	86 - 125	45.3	91	10	30
100-42-5	Styrene	0.058U	0.058	50.0	47.8	96	78 - 118	46.1	92	4	30
127-18-4	Tetrachloroethene	0.210U	0.210	50.0	46.9	94	80 - 131	44.3	89	6	30
630-20-6	1,1,1,2-Tetrachloroethane	0.150U	0.150	50.0	44.3	89	81 - 119	45.3	91	2	30
79-34-5	1,1,2,2-Tetrachloroethane	0.112U	0.112	50.0	46.2	92	71 - 120	46.4	93	0.4	30
120-82-1	1,2,4-Trichlorobenzene	0.138U	0.138	50.0	49.6	99	68 - 123	46.5	93	6	30
71-55-6	1,1,1-Trichloroethane	0.078U	0.078	50.0	47.3	95	79 - 133	44.0	88	7	30
79-00-5	1,1,2-Trichloroethane	0.179U	0.179	50.0	45.2	90	80 - 114	46.6	93	3	30
75-69-4	Trichlorofluoromethane	0.094U	0.094	50.0	47.9	96	66 - 156	43.0	86	11	30
96-18-4	1,2,3-Trichloropropane	0.063U	0.063	50.0	44.5	89	77 - 115	45.1	90	1	30
95-63-6	1,2,4-Trimethylbenzene	0.080U	0.080	50.0	47.7	95	82 - 120	43.9	88	8	30
108-67-8	1,3,5-Trimethylbenzene	0.053U	0.053	50.0	48.5	97	83 - 123	43.9	88	10	30
75-01-4	Vinyl chloride	0.104U	0.104	50.0	47.6	95	57 - 153	43.5	87	9	30
95-47-6	o-Xylene	0.077U	0.077	50.0	46.8	94	83 - 121	45.0	90	4	30
96-12-8	1,2-Dibromo-3-chloropropane	0.082U	0.082	50.0	45.6	91	61 - 118	48.3	97	6	30
106-93-4	1,2-Dibromoethane	0.169U	0.169	50.0	44.7	89	80 - 115	45.5	91	2	30
80-62-6	Methyl methacrylate	0.606U	0.606								
107-12-0	Propionitrile	3.06U	3.06								
108-05-4	Vinyl acetate	0.197U	0.197	50.0	55.1	110	38 - 159	51.0	102	8	30
1634-04-4	tert-Butyl methyl ether (MTBE)	0.084U	0.084	50.0	43.0	86	75 - 116	42.0	84	2	30
99-87-6	4-Isopropyltoluene	0.175U	0.175	50.0	51.4	103	83 - 125	44.7	89	14	30

GC/MS Volatiles Quality Control Summary

Analytical Batch	452190	**Client ID**	MB452190			LCS452190			LCSD452190		
Prep Batch	N/A	**GCAL ID**	928095			928096			928097		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	03/10/2011 12:48			03/10/2011 11:15			03/10/2011 11:38		
		Matrix	Water			Water			Water		
SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
110-54-3	n-Hexane	0.126U	0.126	50.0	49.6	99	71 - 134	41.8	84	17	30
110-57-6	trans-1,4-Dichloro-2-butene	0.429U	0.429	50.0	45.2	90	51 - 137	47.0	94	4	30
594-20-7	2,2-Dichloropropane	0.112U	0.112	50.0	48.8	98	77 - 138	42.5	85	14	30
76-13-1	Trichlorotrifluoroethane	0.141U	0.141	50.0	47.0	94	74 - 139	42.7	85	10	30
563-58-6	1,1-Dichloropropene	0.071U	0.071	50.0	46.7	93	87 - 127	41.3	**83***	12	30
110-75-8	2-Chloroethylvinyl ether	1.20U	1.20	50.0	50.0	100	63 - 125	48.1	96	4	30
142-28-9	1,3-Dichloropropane	0.113U	0.113	50.0	47.1	94	81 - 113	46.8	94	0.6	30
108-86-1	Bromobenzene	0.095U	0.095	50.0	47.0	94	83 - 115	44.3	89	6	30
95-49-8	2-Chlorotoluene	0.090U	0.090	50.0	48.1	96	81 - 121	45.6	91	5	30
106-43-4	4-Chlorotoluene	0.046U	0.046	50.0	47.3	95	84 - 120	43.1	86	9	30
98-06-6	tert-Butylbenzene	0.058U	0.058	50.0	51.6	103	83 - 126	45.7	91	12	30
135-98-8	sec-Butylbenzene	0.088U	0.088	50.0	50.4	101	86 - 127	44.4	89	13	30
541-73-1	1,3-Dichlorobenzene	0.080U	0.080	50.0	49.4	99	86 - 115	45.5	91	8	30
106-46-7	1,4-Dichlorobenzene	0.058U	0.058	50.0	47.9	96	87 - 113	45.3	91	6	30
104-51-8	n-Butylbenzene	0.068U	0.068	50.0	51.6	103	84 - 124	45.6	91	12	30
95-50-1	1,2-Dichlorobenzene	0.086U	0.086	50.0	48.6	97	85 - 115	45.1	90	7	30
87-68-3	Hexachlorobutadiene	0.347U	0.347	50.0	57.4	115	71 - 133	46.3	93	21	30
91-20-3	Naphthalene	0.175U	0.175	50.0	49.0	98	59 - 125	53.0	106	8	35
87-61-6	1,2,3-Trichlorobenzene	0.107U	0.107	50.0	53.4	107	64 - 126	48.5	97	10	30
75-05-8	Acetonitrile	5.04U	5.04								
107-05-1	Allyl chloride	0.343U	0.343								
544-10-5	1-Chlorohexane	0.139U	0.139	50.0	48.1	96	87 - 128	44.3	89	8	30
76-01-7	Pentachloroethane	1.87U	1.87								
126-98-7	Methacrylonitrile	0.743U	0.743								
75-35-4	1,1-Dichloroethene	0.183U	0.183	50.0	48.2	96	75 - 133	41.8	84	14	20
71-43-2	Benzene	0.049U	0.049	50.0	46.9	94	83 - 124	43.1	86	8	20
79-01-6	Trichloroethene	0.094U	0.094	50.0	48.7	97	85 - 124	45.3	91	7	20
108-88-3	Toluene	0.078U	0.078	50.0	44.2	88	86 - 116	42.9	86	3	20
108-90-7	Chlorobenzene	0.055U	0.055	50.0	47.0	94	87 - 115	46.1	92	2	20
Surrogate											
460-00-4	4-Bromofluorobenzene	51	102	50	47	94	84 - 120	50.5	101		
1868-53-7	Dibromofluoromethane	50.8	102	50	49.3	99	87 - 116	47.9	96		
2037-26-5	Toluene d8	49.6	99	50	46.7	93	86 - 112	48.8	98		

GC/MS Volatiles Quality Control Summary

Analytical Batch 452190	**Client ID**	MB452190			LCS452190			LCSD452190			
Prep Batch N/A	**GCAL ID**	928095			928096			928097			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	03/10/2011 12:48			03/10/2011 11:15			03/10/2011 11:38			
	Matrix	Water			Water			Water			
SW-846 8260B		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
17060-07-0 1,2-Dichloroethane-d4		50.8	102	50	50.7	101	76 - 127	48.2	96		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452408	**Client ID**	MB452066			LCS452066			LCSD452066		
Prep Batch	452066	**GCAL ID**	927388			927389			927390		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/11/2011 08:10			03/11/2011 08:10			03/11/2011 08:10		
		Analytical Date	03/14/2011 17:16			03/14/2011 17:31			03/14/2011 17:46		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	ug/L		**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Spike Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
208-96-8	Acenaphthylene	0.303U	0.303								
120-12-7	Anthracene	0.316U	0.316								
56-55-3	Benzo(a)anthracene	0.316U	0.316								
92-87-5	Benzidine	3.92U	3.92								
205-99-2	Benzo(b)fluoranthene	0.217U	0.217								
207-08-9	Benzo(k)fluoranthene	0.236U	0.236								
191-24-2	Benzo(g,h,i)perylene	0.215U	0.215								
50-32-8	Benzo(a)pyrene	0.125U	0.125								
65-85-0	Benzoic acid	0.910U	0.910								
85-68-7	Butyl benzyl phthalate	0.165U	0.165								
111-91-1	Bis(2-Chloroethoxy)methane	0.290U	0.290								
111-44-4	Bis(2-Chloroethyl)ether	0.288U	0.288								
108-60-1	Bis(2-Chloroisopropyl)ether	0.257U	0.257								
117-81-7	Bis(2-Ethylhexyl)phthalate	0.191U	0.191								
101-55-3	4-Bromophenyl phenyl ether	0.337U	0.337								
7005-72-3	4-Chlorophenyl phenyl ether	0.268U	0.268								
218-01-9	Chrysene	0.433U	0.433								
53-70-3	Dibenz(a,h)anthracene	0.217U	0.217								
132-64-9	Dibenzofuran	0.227U	0.227								
95-50-1	1,2-Dichlorobenzene	0.259U	0.259								
541-73-1	1,3-Dichlorobenzene	0.274U	0.274								
91-94-1	3,3'-Dichlorobenzidine	0.297U	0.297								
120-83-2	2,4-Dichlorophenol	0.217U	0.217								
84-66-2	Diethyl phthalate	0.303U	0.303								
105-67-9	2,4-Dimethylphenol	0.694U	0.694								
131-11-3	Dimethyl phthalate	0.255U	0.255								
117-84-0	Di-n-octyl phthalate	0.167U	0.167								
51-28-5	2,4-Dinitrophenol	2.60U	2.60								
606-20-2	2,6-Dinitrotoluene	0.352U	0.352								
206-44-0	Fluoranthene	0.267U	0.267								
86-73-7	Fluorene	0.288U	0.288								
118-74-1	Hexachlorobenzene	0.249U	0.249								

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452408	**Client ID**	MB452066			LCS452066				LCSD452066		
Prep Batch	452066	**GCAL ID**	927388			927389				927390		
Prep Method	3510C	**Sample Type**	Method Blank			LCS				LCSD		
		Prep Date	03/11/2011 08:10			03/11/2011 08:10				03/11/2011 08:10		
		Analytical Date	03/14/2011 17:16			03/14/2011 17:31				03/14/2011 17:46		
		Matrix	Water			Water				Water		
SW-846 8270C		**Units**		ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result		**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-68-3	Hexachlorobutadiene	0.192U		0.192								
77-47-4	Hexachlorocyclopentadiene	0.174U		0.174								
67-72-1	Hexachloroethane	0.299U		0.299								
78-59-1	Isophorone	0.380U		0.380								
193-39-5	Indeno(1,2,3-cd)pyrene	0.157U		0.157								
91-57-6	2-Methylnaphthalene	0.255U		0.255								
95-48-7	o-Cresol	0.329U		0.329								
91-20-3	Naphthalene	0.293U		0.293								
98-95-3	Nitrobenzene	0.329U		0.329								
88-75-5	2-Nitrophenol	0.357U		0.357								
86-30-6	n-Nitrosodiphenylamine	0.364U		0.364								
85-01-8	Phenanthrene	0.304U		0.304								
95-95-4	2,4,5-Trichlorophenol	0.317U		0.317								
88-06-2	2,4,6-Trichlorophenol	0.275U		0.275								
100-51-6	Benzyl alcohol	0.355U		0.355								
99-09-2	3-Nitroaniline	0.226U		0.226								
100-01-6	4-Nitroaniline	0.221U		0.221								
84-74-2	Di-n-butyl phthalate	0.189U		0.189								
88-74-4	2-Nitroaniline	0.198U		0.198								
91-58-7	2-Chloronaphthalene	0.221U		0.221								
106-47-8	4-Chloroaniline	0.463U		0.463								
1319-77-3MP	m,p-Cresol	0.352U		0.352								
534-52-1	4,6-Dinitro-2-methylphenol	1.98U		1.98								
108-95-2	Phenol	0.150U		0.150	100	26.8	27	13 - 54	33.2	33	21	30
95-57-8	2-Chlorophenol	0.276U		0.276	100	74.8	75	44 - 103	86.4	86	14	30
106-46-7	1,4-Dichlorobenzene	0.255U		0.255	100	67.3	67	40 - 100	74.2	74	10	30
621-64-7	n-Nitrosodi-n-propylamine	0.304U		0.304	100	86.2	86	51 - 104	95.6	96	10	30
120-82-1	1,2,4-Trichlorobenzene	0.234U		0.234	100	68.7	69	45 - 104	77.3	77	12	30
59-50-7	4-Chloro-3-methylphenol	0.234U		0.234	100	86.1	86	53 - 105	98.1	98	13	30
83-32-9	Acenaphthene	0.268U		0.268	100	88.2	88	58 - 106	96.4	96	9	30
100-02-7	4-Nitrophenol	1.83U		1.83	100	30.4	30	13 - 55	32.0	32	5	30
121-14-2	2,4-Dinitrotoluene	0.263U		0.263	100	101	101	60 - 109	107	107	6	30

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452408	**Client ID**	MB452066			LCS452066			LCSD452066		
Prep Batch	452066	**GCAL ID**	927388			927389			927390		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/11/2011 08:10			03/11/2011 08:10			03/11/2011 08:10		
		Analytical Date	03/14/2011 17:16			03/14/2011 17:31			03/14/2011 17:46		
		Matrix	Water			Water			Water		
SW-846 8270C		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
87-86-5	Pentachlorophenol	0.168U	0.168	100	75.7	76	57 - 118	82.5	83	9	30
129-00-0	Pyrene	0.486U	0.486	100	75.4	75	60 - 113	85.4	85	12	30
Surrogate											
4165-60-0	Nitrobenzene-d5	40.4	81	50	42.3	85	52 - 120	47.1	94		
321-60-8	2-Fluorobiphenyl	36.1	72	50	39.1	78	16 - 128	43.7	87		
1718-51-0	Terphenyl-d14	37.4	75	50	39.1	78	43 - 138	43.4	87		
4165-62-2	Phenol-d5	26.2	26	100	30.5	31	10 - 120	35.3	35		
367-12-4	2-Fluorophenol	39.4	39	100	42.4	42	10 - 120	52.3	52		
118-79-6	2,4,6-Tribromophenol	90.3	90	100	103	103	20 - 120	113	113		

Analytical Batch	452408	**Client ID**	AOCU-SW03			AOCU-SW03-MS			AOCU-SW03-MSD		
Prep Batch	452066	**GCAL ID**	21103080916			21103080919			21103080920		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/11/2011 08:10			03/11/2011 08:10			03/11/2011 08:10		
		Analytical Date	03/14/2011 20:32			03/14/2011 21:01			03/14/2011 21:16		
		Matrix	Water			Water			Water		
SW-846 8270C Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
120-82-1	1,2,4-Trichlorobenzene	0.00	0.234	100	68.2	68	45 - 104	70.2	70	3	28
106-46-7	1,4-Dichlorobenzene	0.00	0.255	100	64.2	64	40 - 100	66.5	67	4	28
121-14-2	2,4-Dinitrotoluene	0.00	0.263	100	103	103	60 - 109	100	100	3	20
95-57-8	2-Chlorophenol	0.00	0.276	100	76.9	77	44 - 103	77.3	77	0.5	29
59-50-7	4-Chloro-3-methylphenol	0.00	0.234	100	89.2	89	53 - 105	90.4	90	1	24
100-02-7	4-Nitrophenol	0.00	1.83	100	29.4	29	13 - 55	32.5	33	10	31
83-32-9	Acenaphthene	0.00	0.268	100	86.7	87	58 - 106	86.1	86	0.7	21
87-86-5	Pentachlorophenol	0.00	0.168	100	73.4	73	57 - 118	77.4	77	5	26
108-95-2	Phenol	0.00	0.150	100	36.5	37	13 - 54	37.4	37	2	34
129-00-0	Pyrene	0.00	0.486	100	78.7	79	60 - 113	77.5	78	2	20
621-64-7	n-Nitrosodi-n-propylamine	0.00	0.304	100	86.7	87	51 - 104	85.2	85	2	28
Surrogate											
4165-60-0	Nitrobenzene-d5	42.1	84	50	41.8	84	52 - 120	42.9	86		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	452408	**Client ID**	AOCU-SW03	AOCU-SW03-MS	AOCU-SW03-MSD
Prep Batch	452066	**GCAL ID**	21103080916	21103080919	21103080920
Prep Method	3510C	**Sample Type**	SAMPLE	MS	MSD
		Prep Date	03/11/2011 08:10	03/11/2011 08:10	03/11/2011 08:10
		Analytical Date	03/14/2011 20:32	03/14/2011 21:01	03/14/2011 21:16
		Matrix	Water	Water	Water

SW-846 8270C Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
321-60-8	2-Fluorobiphenyl	36.4	73	50	39.3	79	16 - 128	38.8	78		
1718-51-0	Terphenyl-d14	40.6	81	50	39.4	79	43 - 138	35.4	71		
4165-62-2	Phenol-d5	35.4	35	100	40	40	10 - 120	40.9	41		
367-12-4	2-Fluorophenol	44.4	44	100	48.5	49	10 - 120	47.9	48		
118-79-6	2,4,6-Tribromophenol	90.8	91	100	104	104	20 - 120	100	100		

General Chromatography Quality Control Summary

Analytical Batch	452370	**Client ID**	MB452067			LCS452067			LCSD452067		
Prep Batch	452067	**GCAL ID**	927391			927392			927393		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/11/2011 12:30			03/11/2011 12:30			03/11/2011 12:30		
		Analytical Date	03/11/2011 16:22			03/11/2011 16:40			03/11/2011 16:58		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-4	Diesel Range Organics		44.2U	44.2	1000	917	92	50 - 150	775	77	17	40
Surrogate												
84-15-1	o-Terphenyl		42	84	50	51.4	103	57 - 115	38.7	77		

Analytical Batch	452370	**Client ID**	AOCU-SW03			AOCU-SW03-MS			AOCU-SW03-MSD		
Prep Batch	452067	**GCAL ID**	21103080916			21103080919			21103080920		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/11/2011 12:30			03/11/2011 12:30			03/11/2011 12:30		
		Analytical Date	03/11/2011 21:27			03/11/2011 22:38			03/11/2011 23:31		
		Matrix	Water			Water			Water		
Total Hydrocarbons Diesel Wate		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-4	Diesel Range Organics		42.3	44.2	1000	954	91	50 - 150	830	79	14	30
Surrogate												
84-15-1	o-Terphenyl		67.4	**135***	50	49.2	98	57 - 115	46	92		

Analytical Batch	452487	**Client ID**	MB452354			LCS452354			LCSD452354		
Prep Batch	452354	**GCAL ID**	928745			928746			928747		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/14/2011 16:00			03/14/2011 16:00			03/14/2011 16:00		
		Analytical Date	03/15/2011 09:47			03/15/2011 10:05			03/15/2011 10:23		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-4	Diesel Range Organics		44.2U	44.2	1000	865	87	50 - 150	835	83	4	40
Surrogate												
84-15-1	o-Terphenyl		44.4	89	50	55.5	111	57 - 115	49.9	100		

General Chromatography Quality Control Summary

Analytical Batch 452334	**Client ID**	MB452334			LCS452334		
Prep Batch N/A	**GCAL ID**	928694			928695		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/13/2011 18:36			03/13/2011 17:48		
	Matrix	Water			Water		
SW-846 8015B Modified		**Units**	ug/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
8006-61-9	Gasoline Range Organics	13.0U	13.0	500	504	101	63 - 126
Surrogate							
106-39-8	Bromochlorobenzene	25.6	85	30	27.8	93	49 - 136

Analytical Batch 452334	**Client ID**	AOCU-SW03			AOCU-SW03-MS			AOCU-SW03-MSD			
Prep Batch N/A	**GCAL ID**	21103080916			21103080919			21103080920			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/14/2011 03:04			03/14/2011 03:56			03/14/2011 04:20			
	Matrix	Water			Water			Water			
SW-846 8015B Modified Water		**Units**	ug/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
8006-61-9	Gasoline Range Organics	0.00	13.0	500	439	88	67 - 171	421	84	4	31
Surrogate											
106-39-8	Bromochlorobenzene	27.8	93	30	29.3	98	49 - 136	29	97		

General Chromatography Quality Control Summary

Analytical Batch	452371	**Client ID**	MB452068			LCS452068			LCSD452068		
Prep Batch	452068	**GCAL ID**	927394			927395			927396		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/11/2011 12:30			03/11/2011 12:30			03/11/2011 12:30		
		Analytical Date	03/11/2011 16:22			03/11/2011 17:16			03/11/2011 17:34		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		45.7U	45.7	2000	1310	65	50 - 150	1350	67	3	40
Surrogate												
84-15-1	o-Terphenyl		39.4	79	50	45	90	57 - 115	42.3	85		

Analytical Batch	452371	**Client ID**	AOCU-SW03			AOCU-SW03-MS			AOCU-SW03-MSD		
Prep Batch	452068	**GCAL ID**	21103080916			21103080919			21103080920		
Prep Method	3510C	**Sample Type**	SAMPLE			MS			MSD		
		Prep Date	03/11/2011 12:30			03/11/2011 12:30			03/11/2011 12:30		
		Analytical Date	03/11/2011 21:27			03/11/2011 22:02			03/11/2011 22:20		
		Matrix	Water			Water			Water		
Total Hydrocarbons Oil Water		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		20.1	45.7	2000	1510	74	50 - 150	1600	79	6	30
Surrogate												
84-15-1	o-Terphenyl		63.3	**127***	50	44.2	88	57 - 115	44.4	89		

Analytical Batch	452488	**Client ID**	MB452377			LCS452377			LCSD452377		
Prep Batch	452377	**GCAL ID**	928824			928825			928826		
Prep Method	3510C	**Sample Type**	Method Blank			LCS			LCSD		
		Prep Date	03/14/2011 16:00			03/14/2011 16:00			03/14/2011 16:00		
		Analytical Date	03/15/2011 09:47			03/15/2011 10:40			03/15/2011 10:58		
		Matrix	Water			Water			Water		
SW-846 8015B		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
GCSV-00-44	Oil Range Organics		45.7U	45.7	2000	1540	77	50 - 150	1730	87	12	40
Surrogate												
84-15-1	o-Terphenyl		41.7	83	50	48.2	96	57 - 115	49.8	100		

Inorganics Quality Control Summary

Analytical Batch	452103	**Client ID**	MB452014	LCS452014
Prep Batch	452014	**GCAL ID**	927151	927152
Prep Method	SW-846	**Sample Type**	Method Blank	LCS
	7470A	**Prep Date**	03/08/2011 11:15	03/08/2011 11:15
		Analytical Date	03/09/2011 12:55	03/09/2011 12:57
		Matrix	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**			**Control**
		Result	**RDL**	**Added**	**Result**	**% R**	**Limits % R**
7439-97-6	Mercury	0.000081U	0.000081	0.00500	0.00460	92	88 - 111

Analytical Batch	452103	**Client ID**	AOCU-SW03-M	AOCU-SW03-M-MS	AOCU-SW03-M-MSD
Prep Batch	452014	**GCAL ID**	21103080938	21103080940	21103080941
Prep Method	SW-846	**Sample Type**	SAMPLE	MS	MSD
	7470A	**Prep Date**	03/08/2011 11:15	03/08/2011 11:15	03/08/2011 11:15
	Dissolved	**Analytical Date**	03/09/2011 12:59	03/09/2011 13:00	03/09/2011 13:02
		Matrix	Water	Water	Water

SW-846 7470A Dissolved		**Units**	mg/L	**Spike**			**Control**				
		Result	**RDL**	**Added**	**Result**	**% R**	**Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
7439-97-6	Mercury	0.00000	0.000081	0.00500	0.00328	**66***	75 - 125	0.00297	**59***	10	10

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	MB452012	LCS452012
Prep Batch	452012	**GCAL ID**	927145	927146
Prep Method	SW-846 3005	**Sample Type**	Method Blank	LCS
	Dissolved	**Prep Date**	03/08/2011 11:15	03/08/2011 11:15
		Analytical Date	03/09/2011 00:33	03/09/2011 00:41
		Matrix	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
7429-90-5	Aluminum	0.044U	0.044	5.00	4.65	93	87 - 111
7440-36-0	Antimony	0.0040U	0.0040	0.50	0.46	92	88 - 108
7440-38-2	Arsenic	0.0025U	0.0025	0.50	0.47	95	88 - 109
7440-39-3	Barium	0.00062B	0.00011	0.50	0.46	93	92 - 112
7440-41-7	Beryllium	0.00011U	0.00011	0.50	0.45	90	89 - 113
7440-43-9	Cadmium	0.00011U	0.00011	0.50	0.46	92	88 - 111
7440-70-2	Calcium	0.026U	0.026	5.00	4.60	92	90 - 111
7440-47-3	Chromium	0.00034U	0.00034	0.50	0.45	91	90 - 113
7440-48-4	Cobalt	0.00040U	0.00040	0.50	0.46	92	89 - 111
7440-50-8	Copper	0.0014U	0.0014	0.50	0.43	87	86 - 112
7439-89-6	Iron	0.038U	0.038	5.00	4.58	92	89 - 116
7439-92-1	Lead	0.0014U	0.0014	0.50	0.47	94	89 - 109
7439-95-4	Magnesium	0.018B	0.014	5.00	4.42	**88***	92 - 113
7439-96-5	Manganese	0.0012U	0.0012	0.50	0.46	91	90 - 110
7440-02-0	Nickel	0.00096U	0.00096	0.50	0.46	92	89 - 111
7440-09-7	Potassium	0.053U	0.053	10.0	9.59	96	89 - 114
7782-49-2	Selenium	0.0043U	0.0043	0.50	0.47	94	90 - 110
7440-22-4	Silver	0.00060U	0.00060	0.50	0.47	94	86 - 120
7440-23-5	Sodium	0.95B	0.051	20.0	19.4	97	90 - 117
7440-28-0	Thallium	0.0018U	0.0018	0.50	0.47	95	88 - 108
7440-62-2	Vanadium	0.00082U	0.00082	0.50	0.45	**90***	91 - 111
7440-66-6	Zinc	0.0027U	0.0027	0.50	0.45	90	84 - 111

Inorganics Quality Control Summary

Analytical Batch	452019	**Client ID**	AOCU-SW03-M	AOCU-SW03-M-MS	AOCU-SW03-M-MSD
Prep Batch	452012	**GCAL ID**	21103080938	21103080940	21103080941
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/08/2011 11:15	03/08/2011 11:15	03/08/2011 11:15
		Analytical Date	03/09/2011 00:47	03/09/2011 00:53	03/09/2011 01:00
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7429-90-5	Aluminum	0.12	0.22	5.00	4.77	93	83 - 119	4.59	89	4	25
7440-36-0	Antimony	0.028	0.020	0.50	0.55	104	81 - 124	0.53	101	3	25
7440-38-2	Arsenic	0.010	0.013	0.50	0.57	113	84 - 124	0.53	104	8	25
7440-39-3	Barium	0.0	0.00055	0.50	0.49	97	85 - 120	0.46	91	6	25
7440-41-7	Beryllium	0.00013	0.00057	0.50	0.50	99	79 - 121	0.47	95	5	25
7440-43-9	Cadmium	0.0	0.00055	0.50	0.48	95	82 - 119	0.45	90	6	25
7440-70-2	Calcium	842	0.13	5.00	880	**753***	48 - 153	856	**276***	3	25
7440-47-3	Chromium	0.0075	0.0017	0.50	0.48	94	73 - 135	0.45	89	6	25
7440-48-4	Cobalt	0.0	0.0020	0.50	0.48	97	82 - 119	0.46	92	5	25
7440-50-8	Copper	0.14	0.0069	0.50	0.63	98	82 - 129	0.61	94	3	25
7439-89-6	Iron	0.042	0.19	5.00	4.76	94	52 - 155	4.57	91	4	25
7439-92-1	Lead	0.0	0.0070	0.50	0.47	95	62 - 146	0.44	88	8	25
7439-95-4	Magnesium	1300	0.072	5.00	1470	**3400***	62 - 146	1420	**2540***	3	25
7439-96-5	Manganese	0.080	0.0062	0.50	0.54	92	79 - 121	0.53	90	1	25
7440-02-0	Nickel	0.047	0.0048	0.50	0.51	93	84 - 120	0.48	87	6	25
7440-09-7	Potassium	49.5	0.26	10.0	70.2	**206***	76 - 132	68.0	**185***	3	25
7782-49-2	Selenium	0.0	0.022	0.50	0.53	105	71 - 140	0.48	96	9	25
7440-22-4	Silver	0.0	0.0030	0.50	0.53	107	75 - 141	0.51	101	5	25
7440-28-0	Thallium	0.0	0.0088	0.50	0.45	90	90 - 116	0.40	**80***	13	25
7440-62-2	Vanadium	0.0	0.0041	0.50	0.33	**67***	85 - 120	0.34	**69***	3	25
7440-66-6	Zinc	0.059	0.014	0.50	0.53	94	60 - 137	0.50	88	5	25

Analytical Batch	452270	**Client ID**	AOCU-SW03-M	AOCU-SW03-M-MS	AOCU-SW03-M-MSD
Prep Batch	452012	**GCAL ID**	21103080938	21103080940	21103080941
Prep Method	SW-846 3005	**Sample Type**	SAMPLE	MS	MSD
	Dissolved	**Prep Date**	03/08/2011 11:15	03/08/2011 11:15	03/08/2011 11:15
		Analytical Date	03/11/2011 11:54	03/11/2011 12:01	03/11/2011 12:08
		Matrix	Water	Water	Water

SW-846 6010B Dissolved		**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-23-5	Sodium	6510	2.57	20.0	7590	**5420***	70 - 203	7610	**5500***	0.2	25

Inorganics Quality Control Summary

Analytical Batch	452215	**Client ID**	MB452017			LCS452017			LCSD452017		
Prep Batch	452017	**GCAL ID**	927161			927162			927821		
Prep Method	SW-846	**Sample Type**	Method Blank			LCS			LCSD		
	3010A	**Prep Date**	03/08/2011 11:40			03/08/2011 11:40			03/09/2011 10:00		
		Analytical Date	03/11/2011 12:27			03/11/2011 12:34			03/11/2011 12:42		
		Matrix	Water			Water			Water		
SM 2340B Hardness			**Units**	mg/L	**Spike**	**Result**		**Control**	**Result**			**RPD**
			Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
7440-70-2	Calcium		0.051B	0.0093	5.00	4.69	94	80 - 120	4.58	92	2	
7439-95-4	Magnesium		0.024U	0.024	5.00	4.71	94	80 - 120	4.59	92	3	
000-01-5	Hardness		0.13B	0.12	33.1	31.1	94	80 - 120	30.3	92	3	

Analytical Batch	452215	**Client ID**	AOCU-SW03		AOCU-SW03-DUP		
Prep Batch	452017	**GCAL ID**	21103080916		21103080921		
Prep Method	SM 2340 B	**Sample Type**	SAMPLE		DUP		
		Prep Date	03/08/2011 11:40		03/08/2011 15:00		
		Analytical Date	03/11/2011 12:49		03/11/2011 12:57		
		Matrix	Water		Water		
SM 2340B Hardness			**Units**	mg/L	**Result**		**RPD**
			Result	**RDL**		**RPD**	**Limit**
7440-70-2	Calcium		879.27448	0.019	846	4	20
000-01-5	Hardness		8029.05685	0.24	7620	5	20
7439-95-4	Magnesium		1416.58778	0.048	1340	6	20

General Chemistry Quality Control Summary

Analytical Batch 452044	**Client ID**	MB452044			LCS452044		
Prep Batch N/A	**GCAL ID**	927341			927342		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/08/2011 14:50			03/08/2011 14:50		
	Matrix	Water			Water		
SM 2540C TDS		**Units**	mg/L	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
WET-035	Total Dissolved Solids(TDS)	10.0U	10.0	1000	962	96.2	90 - 110

Analytical Batch 452044	**Client ID**	AOCU-SW03		AOCU-SW03-DUP		
Prep Batch N/A	**GCAL ID**	21103080916		21103080921		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/08/2011 14:50		03/08/2011 14:50		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-035	Total Dissolved Solids(TDS)	20400	100	20800	1.9	5

Analytical Batch 452044	**Client ID**	TK-470		927095DUP		
Prep Batch N/A	**GCAL ID**	21103081301		927343		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/08/2011 14:50		03/08/2011 14:50		
	Matrix	Water		Water		
SM 2540C TDS		**Units**	mg/L	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
WET-035	Total Dissolved Solids(TDS)	140	10.0	138	1.4	5

General Chemistry Quality Control Summary

Analytical Batch 452015	**Client ID**	MB452015			LCS452015		
Prep Batch N/A	**GCAL ID**	927153			927154		
	Sample Type	Method Blank			LCS		
	Analytical Date	03/08/2011 11:29			03/08/2011 11:30		
	Matrix	Water			Water		
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**
		Result	**RDL**	**Added**		**% R**	**Limits % R**
14797-55-8 Nitrate		0.003U	0.003	0.500	0.518	104	89.5 -110.5

Analytical Batch 452015	**Client ID**	AOCU-SW03			AOCU-SW03-MS			AOCU-SW03-MSD			
Prep Batch N/A	**GCAL ID**	21103080916			21103080919			21103080920			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/08/2011 12:04			03/08/2011 12:05			03/08/2011 12:06			
	Matrix	Water			Water			Water			
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
14797-55-8 Nitrate		0.938	0.013	2.50	3.68	109	89.5 -110.5	3.66	109	0.4	25

Analytical Batch 452015	**Client ID**	AOCU-GW12			927072MS			927072MSD			
Prep Batch N/A	**GCAL ID**	21103080905			927155			927156			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	03/08/2011 11:31			03/08/2011 11:32			03/08/2011 11:34			
	Matrix	Water			Water			Water			
EPA 353.2 Nitrate		**Units**	mg/L-N	**Spike**	**Result**		**Control**	**Result**			**RPD**
		Result	**RDL**	**Added**		**% R**	**Limits % R**		**% R**	**RPD**	**Limit**
14797-55-8 Nitrate		16.6	0.130	25.0	44.0	110	89.5 -110.5	43.8	109	0.5	25

General Chemistry Quality Control Summary

Analytical Batch 452059	**Client ID**	AOCU-SW03		AOCU-SW03-DUP		
Prep Batch N/A	**GCAL ID**	21103080916		21103080921		
	Sample Type	SAMPLE		DUP		
	Analytical Date	03/08/2011 16:30		03/08/2011 16:30		
	Matrix	Water		Water		
SM 4500 H+B/SW-846 9040 pH		**Units**	pH unit	**Result**		**RPD**
		Result	**RDL**		**RPD**	**Limit**
pH	pH	7.66	1.00	7.64	0.3	6

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Project No: 8090006.02.010

COC Number(1): 030711-02

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW10	AOCU-GW10	04032011	1415	-	N	1	WG	10	X	X	X	X		X	X							4			2
AOCU-GW12	AOCU-GW12	04032011	1310	-	N	1	WG	10	X	X	X	X		X	X							5			2
Trip Blank		04032011	1310	-	TB	1	WQ	3	X													6	HA-025611		2
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	Jeff Moore	3/7/11	1400			
2.	[illegible]	3-8-11	857	[illegible]	3-8-11	857
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 2 6

Airbill Number: 794499620155

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Project No: 8090006.02.010

COC Number(1): 030711-03

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)							Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW05	AOCU-GW05	05032011	1200	-	N	1	WG	10	X	X	X	X		X	X							7			3
AOCU-GW07	AOCU-GW07	05032011	1030	-	N	1	WG	10	X	X	X	X		X	X							8			3
Trip Blank	~~A-Jm~~	05032011	1030	-	TB	1	WQ	3	X													9	HA	025611	3
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/7/11	1400			
2.	Frank [signature]	3-8-11	855	[signature]	3-8-11	855
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.4

Airbill Number: 794499618317

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030711-04

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW03	AOCU-GW03	05032011	1135	-	N	1	WG	10	X	X	X	X		X	X						10			4
AOCU-GW08	AOCU-GW08	05032011	1010	-	N	1	WG	10	X	X	X	X		X	X						11			4
Trip Blank		05032011	1010	-	TB	1	WQ	3	X												12	HA-025611		4
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/7/11	1400			
2.	[signature]	3-8-11	855	[signature]	3-8-11	855
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.2

Airbill Number: 796836998609

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030711-05

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW01	AOCU-GW01	05032011	1415	-	N	1	WG	10	X	X	X	X		X	X						13			5
AOCU-GW02	AOCU-GW02	05032011	1320	-	N	1	WG	10	X	X	X	X		X	X						14			5
Trip Blank		05032011	1320	-	TB	1	WQ	3	X												15	HA-0285050		5
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				
				-																				

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/7/11	1400			
2.	[signature]	3-8-11	855	[signature]	3-8-11	855
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1.9

Airbill Number: 794499612926

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030711-06

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)	pH (9040A)	Hardness (2340B)					Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-SW03	AOCU-SW03	06032011	0850	-	N	1	WS	11	X	X	X	X		X	X	X	X					16			6
AOCU-SW03-A	AOCU-SW03-A	06032011	0850	-	FD	1	WS	11	X	X	X	X		X	X	X	X					17			6
Trip Blank		06032011	0850	-	TB	1	WQ	3	X													18	MA-025611		6
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	J H Moore	3/7/11	1400			
2.	[illegible]	3-8-11	855	[illegible]	3-8-11	855
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 1-9

Airbill Number: 794499610978

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030711-07

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)	pH (9040A)	Hardness (2340B)					Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-SW03-MS	AOCU-SW03-MS	06032011	0850	-	MS	1	WS	11	X	X	X	X		X	X	X	X					19			7
AOCU-SW03-MSD	AOCU-SW03-MSD	06032011	0850	-	SD	1	WS	11	X	X	X	X		X	X	X	X					20	21		7
Trip Blank		06032011	0850	-	TB	1	WQ	3	X													22		HA-025611	7
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/7/11	1400	1.		
2. Fdx	3-8-11	855	2. K	3-8-11	855
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 5.6

Airbill Number: 796836992140

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030711-08

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)	pH (9040A)	Hardness (2340B)					Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-SW01	AOCU-SW01	06032011	1040	-	N	1	WS	11	X	X	X	X		X	X	X	X					23			8
AOCU-SW02	AOCU-SW02	06032011	1000	-	N	1	WS	11	X	X	X	X		X	X	X	X					24			8
Trip Blank		06032011	1000	-	TB	1	WQ	3	X													25	HA025611		8
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	J H Murre	3/7/11	1400			
2.	Fedex	3-8-11	855		3-8-11	855
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 4-5

Airbill Number: 794499608084

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

NATIONVIEW 14171/211030869/3154

Project No: 8090006.02.010

COC Number(1): 030711-09

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW01-M	AOCU-GW01	05032011	1416	-	N	1	WG	1					X										26	9
AOCU-GW02-M	AOCU-GW02	05032011	1321	-	N	1	WG	1					X										27	9
AOCU-GW03-M	AOCU-GW03	05032011	1136	-	N	1	WG	1					X										28	9
AOCU-GW05-M	AOCU-GW05	05032011	1201	-	N	1	WG	1					X										29	9
AOCU-GW07-M	AOCU-GW07	05032011	1031	-	N	1	WG	1					X										30	9
AOCU-GW08-M	AOCU-GW08	05032011	1011	-	N	1	WG	1					X										31	9
AOCU-GW10-M	AOCU-GW10	04032011	1416	-	N	1	WG	1					X										32	9
AOCU-GW12-M	AOCU-GW12	04032011	1311	-	N	1	WG	1					X										33	9
AOCU-GW15-M	AOCU-GW15	04032011	1531	-	N	1	WG	1					X										34	9
AOCU-GW17-M	AOCU-GW17	04032011	1346	-	N	1	WG	1					X										35	9
AOCU-GW19 *	AOCU-GW19	04032011	0921	-	N	1	WG	1					X											9

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. JH Moore	3/7/11	1400	1.		
2. [illegible]	3-8-11	855	2. [illegible]	3-8-11	855
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: GCAL

Lab Recipient:

Shipped No.: 42

Airbill Number: 7944 9960 6688

Delivery Location: Baton Rouge, LA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* sample is a ~~the~~ a
equipment with on

NATIONVIEW/4771/211030809/3-15-1

Project No: 8090006.02.010

COC Number(1): 030711-09

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs (8260B)	SVOCs (8270C)	TPH-GRO (8015B)	TPH-DRO/ORO (8015B)	TAL Metals (6010B/7470A)	Nitrate (353.2)	TDS (2540C)						Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
AOCU-GW20 *	AOCU-GW20	04032011	0946	-	N	1	WG	1					X											9
AOCU-GW22 *	AOCU-GW22	04032011	1046	-	N	1	WG	1					X											9
AOCU-GW24 *	AOCU-GW24	04032011	1051	-	N	1	WG	1					X											9
AOCU-GW24-A *	AOCU-GW24-A	04032011	1051	-	FD	1	WG	1					X											9
AOCU-SW01-M	AOCU-SW01	06032011	1041	-	N	1	WS	1					X										36	9
AOCU-SW02-M	AOCU-SW02	06032011	1001	-	N	1	WS	1					X										37	9
AOCU-SW03-M	AOCU-SW03	06032011	0851	-	N	1	WS	1					X										38	9
AOCU-SW03-A-M	AOCU-SW03-A	06032011	0851	-	FD	1	WS	1					X									39	~~40~~	9
AOCU-SW03-MS-M	AOCU-SW03-MS	06032011	0851	-	MS	1	WS	1					X										40	9
AOCU-SW03-MSD-M	AOCU-SW03-MSD	06032011	0851	-	SD	1	WS	1					X										41	9
				-			JM	✓																

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. JH Moore	3/7/11	1400	1.		
2. Fedex	3-8-11	855	2. [illegible]	3-8-11	855
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.: 4.7

Method of Shipment: FedEx Express Airbill Number:

Analytical Lab: GCAL Delivery Location: Baton Rouge, LA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

* samples were a equipment water

GCAL
GULF COAST ANALYTICAL LABORATORIES, INC

SAMPLE RECEIVING CHECKLIST

Workorder: 211030809

Client: 4771 - NationView LLC

Profile: 204817 - AOC-U Investigarion, Holloman AFB

Line Item: 1 - Water

Received by: Raborn, Michelle

Received Date/Time: 3/8/2011 8:55:00 AM

Samples Received via: FEDEX

Number of Coolers Received: 9

Cooler tracking numbers(s): 7944 9461 0978 7968 3692 180 7944 9960 3084 7944 9960 6688 7944 9462 2754 7944 9962 0155 7944 9961 8317 7968 3699 8609 7944 9961 2926

Cooler temperature(s): 2.8 2.6 1.4 1.2 1.9 1.9 5.6 4.4 4.2

Were all coolers received at a temperature of 0 - 6° C?	☑ Yes	☐ No	☐ N/A
Were all custody seals intact?	☑ Yes	☐ No	☐ N/A
Were all samples recevied in proper containers?	☑ Yes	☐ No	☐ N/A
Were all samples properly preserved?	☑ Yes	☐ No	☐ N/A
Was preservative added to any container at the lab?	☐ Yes	☑ No	☐ N/A
Were all containers received in good condition?	☑ Yes	☐ No	☐ N/A
Were all VOA vials received with no head space?	☑ Yes	☐ No	☐ N/A
Do all sample labels match the Chain of Custody?	☑ Yes	☐ No	☐ N/A
Was the client notified about any discrepancies?	☐ Yes	☐ No	☐ N/A

Notes/Comments:

ANALYTICAL REPORT

Job Number: 680-66093-1

Job Description: AOC-U, RFI Investigation

For:
NationView LLC
1608 13th Avenue South
Suite 160
Birmingham, AL 35205

Attention: David Martin

Approved for release.
Linda Wolfe
Project Manager I
3/17/2011 3:52 PM

Linda Wolfe
Project Manager I
linda.wolfe@testamericainc.com
03/17/2011

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager who signed this report.

TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

Receipt
All samples were received in good condition within temperature requirements.

LCMS
Method(s) 6860: After one injection of the samples undiluted the IC system over pressured. It was determined that the samples have a high level of dissolved salts from the conductivity detector readout on the IC. So in order to preserve the integrity of the system all samples were diluted for matrix prior to injection.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: NationView LLC

Job Number: 680-66093-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-66093-1	**AOCU-GW75**					
Perchlorate		0.31	J	0.50	ug/L	6860
680-66093-2	**AOCU-GW75-A**					
Perchlorate		0.30	J	0.50	ug/L	6860
680-66093-3	**AOCU-GW77**					
Perchlorate		1.1		0.50	ug/L	6860
680-66093-4	**AOCU-GW78**					
Perchlorate		0.18	J	0.50	ug/L	6860
680-66093-5	**AOCU-GW80**					
Perchlorate		0.43	J	0.50	ug/L	6860
680-66093-6	**AOCU-GW82**					
Perchlorate		1.0		0.50	ug/L	6860
680-66093-8	**AOCU-GW93**					
Perchlorate		2.8		2.5	ug/L	6860
680-66093-9	**AOCU-GW96**					
Perchlorate		0.14	J	0.50	ug/L	6860
680-66093-10	**AOCU-GW98**					
Perchlorate		0.78		0.50	ug/L	6860
680-66093-11	**AOCU-GW100**					
Perchlorate		0.15	J	0.50	ug/L	6860

METHOD / ANALYST SUMMARY

Client: NationView LLC

Job Number: 680-66093-1

Method	Analyst	Analyst ID
EPA 6860	Bonnett, Jaqueline C	JCB

SAMPLE SUMMARY

Client: NationView LLC

Job Number: 680-66093-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-66093-1	AOCU-GW75	Water	02/28/2011 1515	03/02/2011 0927
680-66093-2	AOCU-GW75-A	Water	02/28/2011 1515	03/02/2011 0927
680-66093-3	AOCU-GW77	Water	02/28/2011 1410	03/02/2011 0927
680-66093-4	AOCU-GW78	Water	02/28/2011 1320	03/02/2011 0927
680-66093-5	AOCU-GW80	Water	02/28/2011 1100	03/02/2011 0927
680-66093-6	AOCU-GW82	Water	02/28/2011 1015	03/02/2011 0927
680-66093-7	AOCU-GW83	Water	02/28/2011 0920	03/02/2011 0927
680-66093-8	AOCU-GW93	Water	02/28/2011 1200	03/02/2011 0927
680-66093-9	AOCU-GW96	Water	02/28/2011 1030	03/02/2011 0927
680-66093-10	AOCU-GW98	Water	02/28/2011 1500	03/02/2011 0927
680-66093-10MS	AOCU-GW98	Water	02/28/2011 1500	03/02/2011 0927
680-66093-10MSD	AOCU-GW98	Water	02/28/2011 1500	03/02/2011 0927
680-66093-11	AOCU-GW100	Water	02/28/2011 0915	03/02/2011 0927

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW75**

Lab Sample ID: 680-66093-1

Client Matrix: Water

Date Sampled: 02/28/2011 1515

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1129.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/11/2011 1901		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.31	J	0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW75-A**

Lab Sample ID: 680-66093-2

Client Matrix: Water

Date Sampled: 02/28/2011 1515

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1130.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/11/2011 1929		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.30	J	0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW77**

Lab Sample ID: 680-66093-3

Client Matrix: Water

Date Sampled: 02/28/2011 1410

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1131.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/11/2011 1958		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	1.1		0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW78**

Lab Sample ID: 680-66093-4

Client Matrix: Water

Date Sampled: 02/28/2011 1320

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1132.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/11/2011 2026		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.18	J	0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW80**

Lab Sample ID: 680-66093-5

Client Matrix: Water

Date Sampled: 02/28/2011 1100

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1136.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/11/2011 2220		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.43	J	0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW82**

Lab Sample ID: 680-66093-6

Client Matrix: Water

Date Sampled: 02/28/2011 1015

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1137.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/11/2011 2248		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	1.0		0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW83**

Lab Sample ID: 680-66093-7

Client Matrix: Water

Date Sampled: 02/28/2011 0920

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1138.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/11/2011 2316		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.20	U	0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW93**

Lab Sample ID: 680-66093-8

Client Matrix: Water

Date Sampled: 02/28/2011 1200

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1139.d
Dilution:	50		Initial Weight/Volume:	5 mL
Date Analyzed:	03/11/2011 2345		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	2.8		0.44	2.5

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW96**

Lab Sample ID: 680-66093-9

Client Matrix: Water

Date Sampled: 02/28/2011 1030

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1140.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 0013		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.14	J	0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW98**

Lab Sample ID: 680-66093-10

Client Matrix: Water

Date Sampled: 02/28/2011 1500

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1141.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 0042		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.78		0.088	0.50

Client: NationView LLC

Job Number: 680-66093-1

Client Sample ID: **AOCU-GW100**

Lab Sample ID: 680-66093-11

Client Matrix: Water

Date Sampled: 02/28/2011 0915

Date Received: 03/02/2011 0927

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57235	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1144.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 0207		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.15	J	0.088	0.50

DATA REPORTING QUALIFIERS

Client: NationView LLC

Job Number: 680-66093-1

Lab Section	Qualifier	Description
LCMS		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	U	Undetected at the Limit of Detection.

Client: NationView LLC

Job Number: 680-66093-1

Method Blank - Batch: 280-57235

Method: 6860
Preparation: N/A

Lab Sample ID: MB 280-57235/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/11/2011 1639
Date Prepared: N/A

Analysis Batch: 280-57235
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11c1124.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

Analyte	Result	Qual	DL	LOQ
Perchlorate	0.020	U	0.0088	0.050

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-57235

Method: 6860
Preparation: N/A

LCS Lab Sample ID: LCS 280-57235/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/11/2011 1707
Date Prepared: N/A

Analysis Batch: 280-57235
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11c1125.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

LCSD Lab Sample ID: LCSD 280-57235/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/11/2011 1736
Date Prepared: N/A

Analysis Batch: 280-57235
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11c1126.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Perchlorate	105	96	80 - 120	8	15		J

Client: NationView LLC

Job Number: 680-66093-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-57235

Method: 6860
Preparation: N/A

LCS Lab Sample ID:	LCS 280-57235/6	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-57235/7
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/11/2011 1707			Date Analyzed:	03/11/2011 1736
Date Prepared:	N/A			Date Prepared:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Perchlorate	0.0500	0.0500	0.0523	0.0481	J

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-57235

Method: 6860
Preparation: N/A

MS Lab Sample ID:	680-66093-10	Analysis Batch:	280-57235	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	IC11c1142.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 0110			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

MSD Lab Sample ID:	680-66093-10	Analysis Batch:	280-57235	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch: N/A		Lab File ID:	IC11c1143.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 0138			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Perchlorate	90	89	80 - 120	0	15		

Client: NationView LLC

Job Number: 680-66093-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-57235

Method: 6860
Preparation: N/A

MS Lab Sample ID:	680-66093-10	Units: ug/L	MSD Lab Sample ID:	680-66093-10
Client Matrix:	Water		Client Matrix:	Water
Dilution:	10		Dilution:	10
Date Analyzed:	03/12/2011 0110		Date Analyzed:	03/12/2011 0138
Date Prepared:	N/A		Date Prepared:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Perchlorate	0.78	0.500	0.500	1.22	1.22

NATIONVIEW

Project No: 8090006.02.010

COC Number(1): 030111-01

LIMS Number: 680-66093

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	Perchlorate (6860)												Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW75	AOCU-GW75	28022011	1515	-	N	1	WG	1	X															1
AOCU-GW75-A	AOCU-GW75-A	28022011	1515	-	FD	1	WG	1	X															1
AOCU-GW77	AOCU-GW77	28022011	1410	-	N	1	WG	1	X															1
AOCU-GW78	AOCU-GW78	28022011	1320	-	N	1	WG	1	X															1
AOCU-GW80	AOCU-GW80	28022011	1100	-	N	1	WG	1	X															1
AOCU-GW82	AOCU-GW82	28022011	1015	-	N	1	WG	1	X															1
AOCU-GW83	AOCU-GW83	28022011	0920	-	N	1	WG	1	X															1
AOCU-GW93	AOCU-GW93	28022011	1200	-	N	1	WG	1	X															1
AOCU-GW96	AOCU-GW96	28022011	1030	-	N	1	WG	1	X															1
AOCU-GW98	AOCU-GW98	28022011	1500	-	N	1	WG	1	X															1
AOCU-GW98-MS	AOCU-GW98-MS	28022011	1500	-	MS	1	WG	1	X															1

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	J.H. Moore	3/1/11	1400	Beth A Daughtry	03/02/11	0907
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: Test America

Lab Recipient:

Shipped No.:

Airbill Number: 7968 1529 8196

Delivery Location: Savannah, GA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

Temp 2.2

03/17/2011

NATIONVIEW

Project No: 8090006.02.010

COC Number(1): 030111-01

LIMS Number: 680-66093

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	Perchlorate (6860)													Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW98-MSD	AOCU-GW98-MSD	28022011	1500	-	SD	1	WG	1	X																1
AOCU-GW100	AOCU-GW100	28022011	0915	-	N	1	WG	1	X																1
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	3/1/11	1400	1. Beth A. Daughtry	03/02/11	0927
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Express Airbill Number: 7968 1529 8196

Analytical Lab: Test America Delivery Location: Savannah, GA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

Temp 2.2

Login Sample Receipt Checklist

Client: NationView LLC

Job Number: 680-66093-1

Login Number: 66093
List Number: 1
Creator: Paulsen, Lindsay T

List Source: TestAmerica Denver
List Creation: 03/04/11 06:24 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 680-66162-1

Job Description: AOC-U, RFI Investigation

For:
NationView LLC
1608 13th Avenue South
Suite 160
Birmingham, AL 35205

Attention: David Martin

Approved for release.
Linda Wolfe
Project Manager I
3/17/2011 4:49 PM

Linda Wolfe
Project Manager I
linda.wolfe@testamericainc.com
03/17/2011

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager who signed this report.

TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

Job Narrative
680-66162-1

Receipt
All samples were received in good condition within temperature requirements.

LCMS
Method(s) 6860: After one injection of the samples at 1x dilution the IC system over pressured. It was determined that the samples have a high level of dissolved salts from the conductivity detector readout on the IC. In order to preserve the integrity of the system all samples were diluted for matrix prior to injection.

EXECUTIVE SUMMARY - Detections

Client: NationView LLC

Job Number: 680-66162-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-66162-1	**AOCU-GW68**					
Perchlorate		2.8		0.50	ug/L	6860
680-66162-2	**AOCU-GW69**					
Perchlorate		14		5.0	ug/L	6860
680-66162-3	**AOCU-GW69-A**					
Perchlorate		13		5.0	ug/L	6860
680-66162-4	**AOCU-GW71**					
Perchlorate		15		5.0	ug/L	6860
680-66162-5	**AOCU-GW72**					
Perchlorate		0.18	J	0.25	ug/L	6860
680-66162-6	**AOCU-GW73**					
Perchlorate		2.1		0.50	ug/L	6860
680-66162-7	**AOCU-GW84**					
Perchlorate		13		5.0	ug/L	6860
680-66162-8	**AOCU-GW86**					
Perchlorate		0.67		0.50	ug/L	6860
680-66162-9	**AOCU-GW89**					
Perchlorate		3.6		1.0	ug/L	6860
680-66162-10	**AOCU-GW91**					
Perchlorate		42		5.0	ug/L	6860

METHOD / ANALYST SUMMARY

Client: NationView LLC

Job Number: 680-66162-1

Method	Analyst	Analyst ID
EPA 6860	Bonnett, Jaqueline C	JCB

SAMPLE SUMMARY

Client: NationView LLC

Job Number: 680-66162-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-66162-1	AOCU-GW68	Water	03/01/2011 1530	03/03/2011 0918
680-66162-2	AOCU-GW69	Water	03/01/2011 1250	03/03/2011 0918
680-66162-3	AOCU-GW69-A	Water	03/01/2011 1250	03/03/2011 0918
680-66162-4	AOCU-GW71	Water	03/01/2011 1420	03/03/2011 0918
680-66162-5	AOCU-GW72	Water	03/01/2011 1400	03/03/2011 0918
680-66162-6	AOCU-GW73	Water	03/01/2011 1300	03/03/2011 0918
680-66162-7	AOCU-GW84	Water	03/01/2011 0920	03/03/2011 0918
680-66162-8	AOCU-GW86	Water	03/01/2011 1055	03/03/2011 0918
680-66162-9	AOCU-GW89	Water	03/01/2011 0900	03/03/2011 0918
680-66162-10	AOCU-GW91	Water	03/01/2011 1000	03/03/2011 0918

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW68**

Lab Sample ID: 680-66162-1

Client Matrix: Water

Date Sampled: 03/01/2011 1530

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1218.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1236		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	2.8		0.088	0.50

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW69**

Lab Sample ID: 680-66162-2

Client Matrix: Water

Date Sampled: 03/01/2011 1250

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1221.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1402		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	14		0.88	5.0

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW69-A**

Lab Sample ID: 680-66162-3

Client Matrix: Water

Date Sampled: 03/01/2011 1250

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1222.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1430		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	13		0.88	5.0

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW71**

Lab Sample ID: 680-66162-4

Client Matrix: Water

Date Sampled: 03/01/2011 1420

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1226.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1623		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	15		0.88	5.0

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW72**

Lab Sample ID: 680-66162-5

Client Matrix: Water

Date Sampled: 03/01/2011 1400

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1227.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1652		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.18	J	0.044	0.25

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW73**

Lab Sample ID: 680-66162-6

Client Matrix: Water

Date Sampled: 03/01/2011 1300

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1228.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1720		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	2.1		0.088	0.50

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW84**

Lab Sample ID: 680-66162-7

Client Matrix: Water

Date Sampled: 03/01/2011 0920

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1229.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1749		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	13		0.88	5.0

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW86**

Lab Sample ID: 680-66162-8

Client Matrix: Water

Date Sampled: 03/01/2011 1055

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1230.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1817		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.67		0.088	0.50

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW89**

Lab Sample ID: 680-66162-9

Client Matrix: Water

Date Sampled: 03/01/2011 0900

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1231.d
Dilution:	20		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1845		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	3.6		0.18	1.0

Client: NationView LLC

Job Number: 680-66162-1

Client Sample ID: **AOCU-GW91**

Lab Sample ID: 680-66162-10

Client Matrix: Water

Date Sampled: 03/01/2011 1000

Date Received: 03/03/2011 0918

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57236	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1232.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1914		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	42		0.88	5.0

DATA REPORTING QUALIFIERS

Client: NationView LLC

Job Number: 680-66162-1

Lab Section	Qualifier	Description
LCMS		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	U	Undetected at the Limit of Detection.

Client: NationView LLC

Job Number: 680-66162-1

Detection Limit Check Standard - Batch: 280-55961

Method: 6860
Preparation: N/A

Lab Sample ID:	DLCK 280-55961/10	Analysis Batch:	280-55961	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c0510b.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2011 1813			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Perchlorate	0.0500	0.0521	104	70 - 130	

Client: NationView LLC

Job Number: 680-66162-1

Method Blank - Batch: 280-57236

Method: 6860
Preparation: N/A

Lab Sample ID:	MB 280-57236/4	Analysis Batch:	280-57236	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c1215.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1111			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

Analyte	Result	Qual	DL	LOQ
Perchlorate	0.020	U	0.0088	0.050

Lab Control Sample - Batch: 280-57236

Method: 6860
Preparation: N/A

Lab Sample ID:	LCS 280-57236/5	Analysis Batch:	280-57236	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c1216.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1140			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Perchlorate	0.0500	0.0498	100	80 - 120	J

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-57236

Method: 6860
Preparation: N/A

MS Lab Sample ID:	680-66162-1	Analysis Batch:	280-57236	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c1219.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1305			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

MSD Lab Sample ID:	680-66162-1	Analysis Batch:	280-57236	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c1220.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	03/12/2011 1333			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Perchlorate	81	90	80 - 120	1	15	4	4

Client: NationView LLC

Job Number: 680-66162-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-57236

Method: 6860
Preparation: N/A

MS Lab Sample ID:	680-66162-1	Units: ug/L	MSD Lab Sample ID:	680-66162-1
Client Matrix:	Water		Client Matrix:	Water
Dilution:	10		Dilution:	10
Date Analyzed:	03/12/2011 1305		Date Analyzed:	03/12/2011 1333
Date Prepared:	N/A		Date Prepared:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Perchlorate	2.8	0.500	0.500	3.21	4	3.25	4

NATIONVIEW

Page: 1 of 1

Project No: 8090006.02.010

COC Number(1): 030211-01

LIMS Number:

Chain of Custody and Analytical Request

03/17/2011

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Sample Analysis Requested (5): Number of containers	Perchlorate (6860)													Quality Assurance Samples (6): Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
AOCU-GW68	AOCU-GW68	01032011	1530	-	N	1	WG	1	X																1
AOCU-GW69	AOCU-GW69	01032011	1250	-	N	1	WG	1	X																1
AOCU-GW69-A	AOCU-GW69-A	01032011	1250	-	FD	1	WG	1	X																1
AOCU-GW71	AOCU-GW71	01032011	1420	-	N	1	WG	1	X																1
AOCU-GW72	AOCU-GW72	01032011	1400	-	N	1	WG	1	X																1
AOCU-GW73	AOCU-GW73	01032011	1300	-	N	1	WG	1	X																1
AOCU-GW84	AOCU-GW84	01032011	0920	-	N	1	WG	1	X																1
AOCU-GW86	AOCU-GW86	01032011	1055	-	N	1	WG	1	X																1
AOCU-GW89	AOCU-GW89	01032011	0900	-	N	1	WG	1	X																1
AOCU-GW91	AOCU-GW91	01032011	1000	-	N	1	WG	1	X																1
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/2/11	1400	[signature]	03/02/11	0918
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: Test America

Lab Recipient:

Shipped No.:

Airbill Number: 794483171326

Delivery Location: Savannah, GA

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

680-66162 5.2

Login Sample Receipt Checklist

Client: NationView LLC

Job Number: 680-66162-1

Login Number: 66162
List Number: 1
Creator: Paulsen, Lindsay T

List Source: TestAmerica Denver
List Creation: 03/04/11 06:22 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 680-66203-1

Job Description: AOC-U, RFI Investigation

For:
NationView LLC
1608 13th Avenue South
Suite 160
Birmingham, AL 35205

Attention: David Martin

Approved for release.
Linda Wolfe
Project Manager I
3/18/2011 11:42 AM

Linda Wolfe
Project Manager I
linda.wolfe@testamericainc.com
03/18/2011

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TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

Receipt
All samples were received in good condition within temperature requirements.

LCMS
Method 6860: After one injection of the samples at 1x dilution the IC system over pressured. It was determined that the samples have a high level of dissolved salts from the conductivity detector readout on the IC. In order to preserve the integrity of the system all samples were diluted for matrix prior to injection.

EXECUTIVE SUMMARY - Detections

Client: NationView LLC

Job Number: 680-66203-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-66203-1	**AOCU-GW47**					
Perchlorate		5.3		2.5	ug/L	6860
680-66203-2	**AOCU-GW47-A**					
Perchlorate		5.4		2.5	ug/L	6860
680-66203-3	**AOCU-GW50**					
Perchlorate		6.2		2.5	ug/L	6860
680-66203-4	**AOCU-GW52**					
Perchlorate		0.048	J M	0.25	ug/L	6860
680-66203-6	**AOCU-GW56**					
Perchlorate		17		5.0	ug/L	6860
680-66203-7	**AOCU-GW57**					
Perchlorate		11		5.0	ug/L	6860
680-66203-8	**AOCU-GW59**					
Perchlorate		0.11	J M	0.25	ug/L	6860
680-66203-9	**AOCU-GW64**					
Perchlorate		4.4		1.0	ug/L	6860
680-66203-10	**AOCU-GW66**					
Perchlorate		4.4		1.0	ug/L	6860

METHOD / ANALYST SUMMARY

Client: NationView LLC

Job Number: 680-66203-1

Method	Analyst	Analyst ID
EPA 6860	Bonnett, Jaqueline C	JCB

SAMPLE SUMMARY

Client: NationView LLC

Job Number: 680-66203-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-66203-1	AOCU-GW47	Water	03/02/2011 1430	03/04/2011 0920
680-66203-2	AOCU-GW47-A	Water	03/02/2011 1430	03/04/2011 0920
680-66203-3	AOCU-GW50	Water	03/02/2011 1330	03/04/2011 0920
680-66203-4	AOCU-GW52	Water	03/02/2011 1415	03/04/2011 0920
680-66203-4MS	AOCU-GW52	Water	03/02/2011 1415	03/04/2011 0920
680-66203-4MSD	AOCU-GW52	Water	03/02/2011 1415	03/04/2011 0920
680-66203-5	AOCU-GW54	Water	03/02/2011 1310	03/04/2011 0920
680-66203-6	AOCU-GW56	Water	03/02/2011 1040	03/04/2011 0920
680-66203-7	AOCU-GW57	Water	03/02/2011 1000	03/04/2011 0920
680-66203-8	AOCU-GW59	Water	03/02/2011 0915	03/04/2011 0920
680-66203-9	AOCU-GW64	Water	03/02/2011 0930	03/04/2011 0920
680-66203-10	AOCU-GW66	Water	03/02/2011 1030	03/04/2011 0920

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW47**

Lab Sample ID: 680-66203-1

Client Matrix: Water

Date Sampled: 03/02/2011 1430

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1317.d
Dilution:	50		Initial Weight/Volume:	5 mL
Date Analyzed:	03/13/2011 1907		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	5.3		0.44	2.5

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW47-A**

Lab Sample ID: 680-66203-2

Client Matrix: Water

Date Sampled: 03/02/2011 1430

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1318.d
Dilution:	50		Initial Weight/Volume:	5 mL
Date Analyzed:	03/13/2011 1935		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	5.4		0.44	2.5

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW50**

Lab Sample ID: 680-66203-3

Client Matrix: Water

Date Sampled: 03/02/2011 1330

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1319.d
Dilution:	50		Initial Weight/Volume:	5 mL
Date Analyzed:	03/13/2011 2003		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	6.2		0.44	2.5

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW52**

Lab Sample ID: 680-66203-4

Client Matrix: Water

Date Sampled: 03/02/2011 1415

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1320.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/13/2011 2032		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.048	J M	0.044	0.25

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW54**

Lab Sample ID: 680-66203-5

Client Matrix: Water

Date Sampled: 03/02/2011 1310

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1326.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/13/2011 2322		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.20	U	0.088	0.50

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW56**

Lab Sample ID: 680-66203-6

Client Matrix: Water

Date Sampled: 03/02/2011 1040

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1327.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/13/2011 2351		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	17		0.88	5.0

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW57**

Lab Sample ID: 680-66203-7

Client Matrix: Water

Date Sampled: 03/02/2011 1000

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1328.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/14/2011 0019		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	11		0.88	5.0

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW59**

Lab Sample ID: 680-66203-8

Client Matrix: Water

Date Sampled: 03/02/2011 0915

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1329.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/14/2011 0047		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.11	J M	0.044	0.25

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW64**

Lab Sample ID: 680-66203-9

Client Matrix: Water

Date Sampled: 03/02/2011 0930

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1330.d
Dilution:	20		Initial Weight/Volume:	5 mL
Date Analyzed:	03/14/2011 0116		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	4.4		0.18	1.0

Client: NationView LLC

Job Number: 680-66203-1

Client Sample ID: **AOCU-GW66**

Lab Sample ID: 680-66203-10

Client Matrix: Water

Date Sampled: 03/02/2011 1030

Date Received: 03/04/2011 0920

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1331.d
Dilution:	20		Initial Weight/Volume:	5 mL
Date Analyzed:	03/14/2011 0144		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	4.4		0.18	1.0

DATA REPORTING QUALIFIERS

Client: NationView LLC

Job Number: 680-66203-1

Lab Section	Qualifier	Description
LCMS		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	M	Manual integrated compound.
	U	Undetected at the Limit of Detection.

Client: NationView LLC

Job Number: 680-66203-1

Detection Limit Check Standard - Batch: 280-55961

Method: 6860
Preparation: N/A

Lab Sample ID:	DLCK 280-55961/10	Analysis Batch:	280-55961	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c0510b.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2011 1813			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Perchlorate	0.0500	0.0521	104	70 - 130	

Client: NationView LLC

Job Number: 680-66203-1

Method Blank - Batch: 280-57244

Method: 6860
Preparation: N/A

Lab Sample ID: MB 280-57244/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/13/2011 1741
Date Prepared: N/A

Analysis Batch: 280-57244
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11c1314.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

Analyte	Result	Qual	DL	LOQ
Perchlorate	0.020	U	0.0088	0.050

Lab Control Sample - Batch: 280-57244

Method: 6860
Preparation: N/A

Lab Sample ID: LCS 280-57244/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/13/2011 1810
Date Prepared: N/A

Analysis Batch: 280-57244
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11c1315.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Perchlorate	0.0500	0.0512	102	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-57244

Method: 6860
Preparation: N/A

MS Lab Sample ID: 680-66203-4
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/13/2011 2100
Date Prepared: N/A

Analysis Batch: 280-57244
Prep Batch: N/A

Instrument ID: LC_LCMS1
Lab File ID: IC11c1321.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

MSD Lab Sample ID: 680-66203-4
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/13/2011 2129
Date Prepared: N/A

Analysis Batch: 280-57244
Prep Batch: N/A

Instrument ID: LC_LCMS1
Lab File ID: IC11c1322.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Perchlorate	102	93	80 - 120	7	15	M	M

Client: NationView LLC

Job Number: 680-66203-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-57244

Method: 6860
Preparation: N/A

MS Lab Sample ID:	680-66203-4	Units: ug/L	MSD Lab Sample ID:	680-66203-4
Client Matrix:	Water		Client Matrix:	Water
Dilution:	5.0		Dilution:	5.0
Date Analyzed:	03/13/2011 2100		Date Analyzed:	03/13/2011 2129
Date Prepared:	N/A		Date Prepared:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Perchlorate	0.048	J	0.250	0.250	0.303	M	0.282	M

NATIONVIEW

Page: 2 of 2

Project No: 8090006.02.010

COC Number(1): 030311-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Sample Analysis Requested (5): Number of containers	Perchlorate (6860)													Quality Assurance Samples (6): Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
AOC4-GW66	AOC4-GW66	02032011	1030	-	N	1	WG	1	X																1
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					
				-																					

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	A. Moore	3/3/11	1400	Francis Swafford	03/04/11	09:20
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: FedEx Express Airbill Number: 796825866132

Analytical Lab: Test America Delivery Location: Savannah, GA

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

TEMP 2.4

680-66203

NATIONVIEW

Project No: 8090006.02.010

COC Number(1): 030311-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	Perchlorate (6860)													Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)														Quality Assurance Samples (6)			
AOCU-GW47	AOCU-GW47	02032011	1430	-	N	1	WG	1	X																1
AOCU-GW47-A	AOCU-GW47-A	02032011	1430	-	FD	1	WG	1	X																1
AOCU-GW50	AOCU-GW50	02032011	1330	-	N	1	WG	1	X																1
AOCU-GW52	AOCU-GW52	02032011	1415	-	N	1	WG	1	X																1
AOCU-GW52-MS	AOCU-GW52-MS	02032011	1415	-	MS	1	WG	1	X																1
AOCU-GW52-MSD	AOCU-GW52-MSD	02032011	1415	-	SD	1	WG	1	X																1
AOCU-GW54	AOCU-GW54	02032011	1310	-	N	1	WG	1	X																1
AOCU-GW56	AOCU-GW56	02032011	1040	-	N	1	WG	1	X																1
AOCU-GW57	AOCU-GW57	02032011	1000	-	N	1	WG	1	X																1
AOCU-GW59	AOCU-GW59	02032011	0915	-	N	1	WG	1	X																1
AOCU-GW64	AOCU-GW64	02032011	0930	-	N	1	WG	1	X																1

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	3/3/11	1400	Frances Swafford	03/04/11	09:20
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:		Shipped No.:	
Method of Shipment:	FedEx Express	Airbill Number:	7968 2586 6132
Analytical Lab:	Test America	Delivery Location:	Savannah, GA
Lab Recipient:		Delivery Date/Time:	

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

TEMP 2.4

680-66203

03/18/2011

Login Sample Receipt Checklist

Client: NationView LLC

Job Number: 680-66203-1

Login Number: 66203
List Number: 1
Creator: Cofoid, Stephen T

List Source: TestAmerica Denver
List Creation: 03/08/11 11:43 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 680-66222-1

Job Description: AOC-U, RFI Investigation

For:
NationView LLC
1608 13th Avenue South
Suite 160
Birmingham, AL 35205

Attention: David Martin

Approved for release.
Linda Wolfe
Project Manager I
3/18/2011 11:54 AM

Linda Wolfe
Project Manager I
linda.wolfe@testamericainc.com
03/18/2011

cc: Angela F Cross

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager who signed this report.

TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

Job Narrative
680-66222-1

Receipt
All samples were received in good condition within temperature requirements.

LCMS
Method 6860: After one injection of the samples at 1x dilution the IC system over pressured. It was determined that the samples have a high level of dissolved salts from the conductivity detector readout on the IC. So in order to preserve the integrity of the system all samples were diluted for matrix prior to injection.

Due to the high concentration of Perchlorate, the matrix spike / matrix spike duplicate (MS/MSD) for batch 57244 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria. The hit in the sample was more then 4x the spike level.

66222-1 MS = 54% limits 80-120%
66222-1 MSD = 52% limits 80-120%

EXECUTIVE SUMMARY - Detections

Client: NationView LLC

Job Number: 680-66222-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-66222-1	**AOCU-GW26**					
Perchlorate		42	J	5.0	ug/L	6860
680-66222-2	**AOCU-GW28**					
Perchlorate		0.88		0.50	ug/L	6860
680-66222-3	**AOCU-GW32**					
Perchlorate		0.11	J M	0.50	ug/L	6860
680-66222-4	**AOCU-GW35**					
Perchlorate		4.5		2.5	ug/L	6860
680-66222-5	**AOCU-GW35-A**					
Perchlorate		4.6		1.0	ug/L	6860
680-66222-7	**AOCU-GW43**					
Perchlorate		1.9	M	0.50	ug/L	6860
680-66222-8	**AOCU-GW45**					
Perchlorate		2.0	M	0.50	ug/L	6860
680-66222-9	**AOCU-GW41**					
Perchlorate		3.2	M	0.50	ug/L	6860

METHOD / ANALYST SUMMARY

Client: NationView LLC

Job Number: 680-66222-1

Method	Analyst	Analyst ID
EPA 6860	Bonnett, Jaqueline C	JCB

SAMPLE SUMMARY

Client: NationView LLC

Job Number: 680-66222-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-66222-1	AOCU-GW26	Water	03/03/2011 1306	03/05/2011 1015
680-66222-1MS	AOCU-GW26	Water	03/03/2011 1306	03/05/2011 1015
680-66222-1MSD	AOCU-GW26	Water	03/03/2011 1306	03/05/2011 1015
680-66222-2	AOCU-GW28	Water	03/03/2011 1421	03/05/2011 1015
680-66222-3	AOCU-GW32	Water	03/03/2011 1346	03/05/2011 1015
680-66222-4	AOCU-GW35	Water	03/03/2011 1446	03/05/2011 1015
680-66222-5	AOCU-GW35-A	Water	03/03/2011 1446	03/05/2011 1015
680-66222-6	AOCU-GW39	Water	03/03/2011 1015	03/05/2011 1015
680-66222-7	AOCU-GW43	Water	03/03/2011 0956	03/05/2011 1015
680-66222-8	AOCU-GW45	Water	03/03/2011 0851	03/05/2011 1015
680-66222-9	AOCU-GW41	Water	03/03/2011 0901	03/05/2011 1015

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW26**

Lab Sample ID: 680-66222-1

Client Matrix: Water

Date Sampled: 03/03/2011 1306

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-57244	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11c1332.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/14/2011 0213		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	42	J	0.88	5.0

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW28**

Lab Sample ID: 680-66222-2

Client Matrix: Water

Date Sampled: 03/03/2011 1421

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58076	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1548.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/16/2011 1322		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.88		0.088	0.50

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW32**

Lab Sample ID: 680-66222-3

Client Matrix: Water

Date Sampled: 03/03/2011 1346

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58076	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1549.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/16/2011 1351		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.11	J M	0.088	0.50

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW35**

Lab Sample ID: 680-66222-4

Client Matrix: Water

Date Sampled: 03/03/2011 1446

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58076	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1550.d
Dilution:	50		Initial Weight/Volume:	5 mL
Date Analyzed:	03/16/2011 1419		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	4.5		0.44	2.5

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW35-A**

Lab Sample ID: 680-66222-5

Client Matrix: Water

Date Sampled: 03/03/2011 1446

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58076	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1551.d
Dilution:	20		Initial Weight/Volume:	5 mL
Date Analyzed:	03/16/2011 1447		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	4.6		0.18	1.0

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW39**

Lab Sample ID: 680-66222-6

Client Matrix: Water

Date Sampled: 03/03/2011 1015

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58076	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1552.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/16/2011 1516		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.20	U	0.088	0.50

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW43**

Lab Sample ID: 680-66222-7

Client Matrix: Water

Date Sampled: 03/03/2011 0956

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58076	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1556.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/16/2011 1709		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	1.9	M	0.088	0.50

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW45**

Lab Sample ID: 680-66222-8

Client Matrix: Water

Date Sampled: 03/03/2011 0851

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58076	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1557.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/16/2011 1738		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	2.0	M	0.088	0.50

Client: NationView LLC

Job Number: 680-66222-1

Client Sample ID: **AOCU-GW41**

Lab Sample ID: 680-66222-9

Client Matrix: Water

Date Sampled: 03/03/2011 0901

Date Received: 03/05/2011 1015

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58076	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1558.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/16/2011 1806		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	3.2	M	0.088	0.50

DATA REPORTING QUALIFIERS

Client: NationView LLC

Job Number: 680-66222-1

Lab Section	Qualifier	Description
LCMS		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	M	Manual integrated compound.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	U	Undetected at the Limit of Detection.

Client: NationView LLC

Job Number: 680-66222-1

Detection Limit Check Standard - Batch: 280-55961

Method: 6860
Preparation: N/A

Lab Sample ID:	DLCK 280-55961/10	Analysis Batch:	280-55961	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c0510b.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2011 1813			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Perchlorate	0.0500	0.0521	104	70 - 130	

Client: NationView LLC

Job Number: 680-66222-1

Method Blank - Batch: 280-57244

Method: 6860
Preparation: N/A

Lab Sample ID:	MB 280-57244/4	Analysis Batch:	280-57244	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c1314.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/13/2011 1741			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

Analyte	Result	Qual	DL	LOQ
Perchlorate	0.020	U	0.0088	0.050

Lab Control Sample - Batch: 280-57244

Method: 6860
Preparation: N/A

Lab Sample ID:	LCS 280-57244/5	Analysis Batch:	280-57244	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c1315.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/13/2011 1810			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Perchlorate	0.0500	0.0512	102	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-57244

Method: 6860
Preparation: N/A

MS Lab Sample ID:	680-66222-1	Analysis Batch:	280-57244	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c1333.d
Dilution:	100			Initial Weight/Volume:	5 mL
Date Analyzed:	03/14/2011 0241			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

MSD Lab Sample ID:	680-66222-1	Analysis Batch:	280-57244	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11c1334.d
Dilution:	100			Initial Weight/Volume:	5 mL
Date Analyzed:	03/14/2011 0309			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Perchlorate	54	52	80 - 120	0	15	4	4

Client: NationView LLC

Job Number: 680-66222-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-57244

Method: 6860
Preparation: N/A

MS Lab Sample ID:	680-66222-1	Units: ug/L	MSD Lab Sample ID:	680-66222-1
Client Matrix:	Water		Client Matrix:	Water
Dilution:	100		Dilution:	100
Date Analyzed:	03/14/2011 0241		Date Analyzed:	03/14/2011 0309
Date Prepared:	N/A		Date Prepared:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Perchlorate	42	5.00	5.00	45.0	4	44.9	4

Client: NationView LLC

Job Number: 680-66222-1

Detection Limit Check Standard - Batch: 280-57409

Method: 6860
Preparation: N/A

Lab Sample ID:	DLCK 280-57409/10	Analysis Batch:	280-57409	Instrument ID:	LC_LCMS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	IC11C1510.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/15/2011 1923			Final Weight/Volume:	1.0 mL
Date Prepared:	N/A			Injection Volume:	250 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Perchlorate	0.0500	0.0483	97	70 - 130	J

Client: NationView LLC

Job Number: 680-66222-1

Method Blank - Batch: 280-58076

Method: 6860
Preparation: N/A

Lab Sample ID: MB 280-58076/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/16/2011 1129
Date Prepared: N/A

Analysis Batch: 280-58076
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11C1544.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

Analyte	Result	Qual	DL	LOQ
Perchlorate	0.020	U	0.0088	0.050

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-58076

Method: 6860
Preparation: N/A

LCS Lab Sample ID: LCS 280-58076/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/16/2011 1157
Date Prepared: N/A

Analysis Batch: 280-58076
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11C1545.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

LCSD Lab Sample ID: LCSD 280-58076/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/16/2011 1225
Date Prepared: N/A

Analysis Batch: 280-58076
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11C1546.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Perchlorate	99	97	80 - 120	2	15	J	J

Client: NationView LLC

Job Number: 680-66222-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-58076

Method: 6860
Preparation: N/A

LCS Lab Sample ID:	LCS 280-58076/5	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-58076/6
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/16/2011 1157			Date Analyzed:	03/16/2011 1225
Date Prepared:	N/A			Date Prepared:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Perchlorate	0.0500	0.0500	0.0496	J	0.0487	J

NATIONVIEW

Project No: 8090006.02.010

COC Number(1): 030411-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Sample Analysis Requested (5): Number of containers	Perchlorate (6860)	Quality Assurance Samples (6): Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
AOCU-GW26	AOCU-GW26	03032011	1306	-	N	1	WG	1	X				1
AOCU-GW26-MS	AOCU-GW26-MS	03032011	1306	-	MS	1	WG	1	X				1
AOCU-GW26-MSD	AOCU-GW26-MSD	03032011	1306	-	SD	1	WG	1	X				1
AOCU-GW28	AOCU-GW28	03032011	1421	-	N	1	WG	1	X				1
AOCU-GW32	AOCU-GW32	03032011	1346	-	N	1	WG	1	X				1
AOCU-GW35	AOCU-GW35	03032011	1446	-	N	1	WG	1	X				1
AOCU-GW35-A	AOCU-GW35-A	03032011	1446	-	FD	1	WG	1	X				1
AOCU-GW39	AOCU-GW39	03032011	1016	-	N	1	WG	1	X				1
AOCU-GW43	AOCU-GW43	03032011	0956	-	N	1	WG	1	X				1
AOCU-GW45	AOCU-GW45	03032011	0851	-	N	1	WG	1	X				1
AOCU-GW41	AOCU-GW41	03032011	0901	-	N	1	WG	1	X				1

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	JHMore	3/4/11	1400	Beth A Daughty	03/05/11	1015
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.:

Method of Shipment: FedEx Express

Airbill Number: 7968 3120 4258

Analytical Lab: Test America

Delivery Location: Savannah, GA

Lab Recipient:

Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

Temp 0.2
680-66222

03/18/2011

Login Sample Receipt Checklist

Client: NationView LLC

Job Number: 680-66222-1

Login Number: 66222
List Number: 1
Creator: Cofoid, Stephen T

List Source: TestAmerica Denver
List Creation: 03/08/11 11:45 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 680-66263-1

Job Description: Drinking Water

For:
NationView LLC
1608 13th Avenue South
Suite 160
Birmingham, AL 35205

Attention: David Martin

Approved for release.
Linda Wolfe
Project Manager I
3/23/2011 5:07 PM

Linda Wolfe
Project Manager I
linda.wolfe@testamericainc.com
03/23/2011

cc: Angela F Cross

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager who signed this report.

TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

Job Narrative
680-66263-1

Receipt
All samples were received in good condition within temperature requirements.

LCMS
Method(s) 6860: After one injection of the samples at 1x dilution the IC system over pressured. It was determined that the samples have a high level of dissolved salts from the conductivity detector readout on the IC. So in order to preserve the integrity of the system all samples were diluted for matrix prior to injection.

EXECUTIVE SUMMARY - Detections

Client: NationView LLC

Job Number: 680-66263-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-66263-2	**AOCU-GW02**					
Perchlorate		0.28	J M	0.50	ug/L	6860
680-66263-8	**AOCU-GW12**					
Perchlorate		1.3	M	0.50	ug/L	6860
680-66263-11	**AOCU-GW19**					
Perchlorate		0.82	M	0.50	ug/L	6860
680-66263-12	**AOCU-GW20**					
Perchlorate		35		5.0	ug/L	6860
680-66263-13	**AOCU-GW22**					
Perchlorate		89		10	ug/L	6860
680-66263-14	**AOCU-GW24**					
Perchlorate		140		50	ug/L	6860
680-66263-15	**AOCU-GW24-A**					
Perchlorate		140		50	ug/L	6860
680-66263-16	**AOCU-SW01**					
Perchlorate		10		5.0	ug/L	6860
680-66263-17	**AOCU-SW02**					
Perchlorate		0.32	J	0.50	ug/L	6860
680-66263-18	**AOCU-SW03**					
Perchlorate		0.31		0.25	ug/L	6860
680-66263-19	**AOCU-SW03-A**					
Perchlorate		0.29		0.25	ug/L	6860

METHOD / ANALYST SUMMARY

Client: NationView LLC

Job Number: 680-66263-1

Method	Analyst	Analyst ID
EPA 6860	Bonnett, Jaqueline C	JCB

SAMPLE SUMMARY

Client: NationView LLC

Job Number: 680-66263-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-66263-1	AOCU-GW01	Water	03/05/2011 1415	03/08/2011 0925
680-66263-2	AOCU-GW02	Water	03/05/2011 1320	03/08/2011 0925
680-66263-3	AOCU-GW03	Water	03/05/2011 1135	03/08/2011 0925
680-66263-4	AOCU-GW05	Water	03/05/2011 1200	03/08/2011 0925
680-66263-5	AOCU-GW07	Water	03/05/2011 1030	03/08/2011 0925
680-66263-6	AOCU-GW08	Water	03/05/2011 1010	03/08/2011 0925
680-66263-7	AOCU-GW10	Water	03/04/2011 1415	03/08/2011 0925
680-66263-8	AOCU-GW12	Water	03/04/2011 1310	03/08/2011 0925
680-66263-9	AOCU-GW15	Water	03/04/2011 1530	03/08/2011 0925
680-66263-10	AOCU-GW17	Water	03/04/2011 1345	03/08/2011 0925
680-66263-11	AOCU-GW19	Water	03/04/2011 0920	03/08/2011 0925
680-66263-12	AOCU-GW20	Water	03/04/2011 0945	03/08/2011 0925
680-66263-13	AOCU-GW22	Water	03/04/2011 1045	03/08/2011 0925
680-66263-14	AOCU-GW24	Water	03/04/2011 1050	03/08/2011 0925
680-66263-15	AOCU-GW24-A	Water	03/04/2011 1050	03/08/2011 0925
680-66263-16	AOCU-SW01	Water	03/06/2011 1040	03/08/2011 0925
680-66263-17	AOCU-SW02	Water	03/06/2011 1000	03/08/2011 0925
680-66263-18	AOCU-SW03	Water	03/06/2011 0850	03/08/2011 0925
680-66263-18MS	AOCU-SW03	Water	03/06/2011 0850	03/08/2011 0925
680-66263-18MSD	AOCU-SW03	Water	03/06/2011 0850	03/08/2011 0925
680-66263-19	AOCU-SW03-A	Water	03/06/2011 0850	03/08/2011 0925

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW01**

Lab Sample ID: 680-66263-1

Client Matrix: Water

Date Sampled: 03/05/2011 1415

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1817.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 1452		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.10	U	0.044	0.25

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW02**

Lab Sample ID: 680-66263-2

Client Matrix: Water

Date Sampled: 03/05/2011 1320

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1818.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 1520		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.28	J M	0.088	0.50

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW03**

Lab Sample ID: 680-66263-3

Client Matrix: Water

Date Sampled: 03/05/2011 1135

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1819.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 1548		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.10	U	0.044	0.25

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW05**

Lab Sample ID: 680-66263-4

Client Matrix: Water

Date Sampled: 03/05/2011 1200

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1820.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 1617		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.10	U	0.044	0.25

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW07**

Lab Sample ID: 680-66263-5

Client Matrix: Water

Date Sampled: 03/05/2011 1030

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1821.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 1645		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.10	U	0.044	0.25

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW08**

Lab Sample ID: 680-66263-6

Client Matrix: Water

Date Sampled: 03/05/2011 1010

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1825.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 1839		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.10	U	0.044	0.25

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW10**

Lab Sample ID: 680-66263-7

Client Matrix: Water

Date Sampled: 03/04/2011 1415

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1826.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 1907		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.10	U	0.044	0.25

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW12**

Lab Sample ID: 680-66263-8

Client Matrix: Water

Date Sampled: 03/04/2011 1310

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1827.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 1936		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	1.3	M	0.088	0.50

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW15**

Lab Sample ID: 680-66263-9

Client Matrix: Water

Date Sampled: 03/04/2011 1530

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1828.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 2004		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.10	U	0.044	0.25

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW17**

Lab Sample ID: 680-66263-10

Client Matrix: Water

Date Sampled: 03/04/2011 1345

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1829.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 2032		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.20	U	0.088	0.50

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW19**

Lab Sample ID: 680-66263-11

Client Matrix: Water

Date Sampled: 03/04/2011 0920

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1830.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 2101		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.82	M	0.088	0.50

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW20**

Lab Sample ID: 680-66263-12

Client Matrix: Water

Date Sampled: 03/04/2011 0945

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1831.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 2129		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	35		0.88	5.0

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW22**

Lab Sample ID: 680-66263-13

Client Matrix: Water

Date Sampled: 03/04/2011 1045

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1832.d
Dilution:	200		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 2157		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	89		1.8	10

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW24**

Lab Sample ID: 680-66263-14

Client Matrix: Water

Date Sampled: 03/04/2011 1050

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1833.d
Dilution:	1000		Initial Weight/Volume:	5 mL
Date Analyzed:	03/18/2011 2226		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	140		8.8	50

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-GW24-A**

Lab Sample ID: 680-66263-15

Client Matrix: Water

Date Sampled: 03/04/2011 1050

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1837.d
Dilution:	1000		Initial Weight/Volume:	5 mL
Date Analyzed:	03/19/2011 0019		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	140		8.8	50

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-SW01**

Lab Sample ID: 680-66263-16

Client Matrix: Water

Date Sampled: 03/06/2011 1040

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1838.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	03/19/2011 0048		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	10		0.88	5.0

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-SW02**

Lab Sample ID: 680-66263-17

Client Matrix: Water

Date Sampled: 03/06/2011 1000

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1839.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	03/19/2011 0116		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.32	J	0.088	0.50

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-SW03**

Lab Sample ID: 680-66263-18

Client Matrix: Water

Date Sampled: 03/06/2011 0850

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1840.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/19/2011 0145		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.31		0.044	0.25

Client: NationView LLC

Job Number: 680-66263-1

Client Sample ID: **AOCU-SW03-A**

Lab Sample ID: 680-66263-19

Client Matrix: Water

Date Sampled: 03/06/2011 0850

Date Received: 03/08/2011 0925

6860 Perchlorate by IC/MS or IC/MS/MS

Method:	6860	Analysis Batch: 280-58431	Instrument ID:	LC_LCMS1
Preparation:	N/A		Lab File ID:	IC11C1843.d
Dilution:	5.0		Initial Weight/Volume:	5 mL
Date Analyzed:	03/19/2011 0310		Final Weight/Volume:	1.0 mL
Date Prepared:			Injection Volume:	250 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Perchlorate	0.29		0.044	0.25

DATA REPORTING QUALIFIERS

Client: NationView LLC

Job Number: 680-66263-1

Lab Section	Qualifier	Description
LCMS		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	M	Manual integrated compound.
	U	Undetected at the Limit of Detection.

Client: NationView LLC

Job Number: 680-66263-1

Method Blank - Batch: 280-58431

Method: 6860
Preparation: N/A

Lab Sample ID: MB 280-58431/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2011 1329
Date Prepared: N/A

Analysis Batch: 280-58431
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11C1814.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

Analyte	Result	Qual	DL	LOQ
Perchlorate	0.020	U	0.0088	0.050

Lab Control Sample - Batch: 280-58431

Method: 6860
Preparation: N/A

Lab Sample ID: LCS 280-58431/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2011 1355
Date Prepared: N/A

Analysis Batch: 280-58431
Prep Batch: N/A
Units: ug/L

Instrument ID: LC_LCMS1
Lab File ID: IC11C1815.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Perchlorate	0.0500	0.0555	111	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-58431

Method: 6860
Preparation: N/A

MS Lab Sample ID: 680-66263-18
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/19/2011 0213
Date Prepared: N/A

Analysis Batch: 280-58431
Prep Batch: N/A

Instrument ID: LC_LCMS1
Lab File ID: IC11C1841.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

MSD Lab Sample ID: 680-66263-18
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 03/19/2011 0241
Date Prepared: N/A

Analysis Batch: 280-58431
Prep Batch: N/A

Instrument ID: LC_LCMS1
Lab File ID: IC11C1842.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 250 uL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Perchlorate	98	93	80 - 120	2	15		

Client: NationView LLC

Job Number: 680-66263-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-58431

Method: 6860
Preparation: N/A

MS Lab Sample ID:	680-66263-18	Units: ug/L	MSD Lab Sample ID:	680-66263-18
Client Matrix:	Water		Client Matrix:	Water
Dilution:	5.0		Dilution:	5.0
Date Analyzed:	03/19/2011 0213		Date Analyzed:	03/19/2011 0241
Date Prepared:	N/A		Date Prepared:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Perchlorate	0.31	0.250	0.250	0.554	0.541

NATIONVIEW

Project No: 8090006.02.010

COC Number(1): 030711-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	Perchlorate (6860)												Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW01	AOCU-GW01	05032011	1415	-	N	1	WG	1	X															1
AOCU-GW02	AOCU-GW02	05032011	1320	-	N	1	WG	1	X															1
AOCU-GW03	AOCU-GW03	05032011	1135	-	N	1	WG	1	X															1
AOCU-GW05	AOCU-GW05	05032011	1200	-	N	1	WG	1	X															1
AOCU-GW07	AOCU-GW07	05032011	1030	-	N	1	WG	1	X															1
AOCU-GW08	AOCU-GW08	05032011	1010	-	N	1	WG	1	X															1
AOCU-GW10	AOCU-GW10	04032011	1415	-	N	1	WG	1	X															1
AOCU-GW12	AOCU-GW12	04032011	1310	-	N	1	WG	1	X															1
AOCU-GW15	AOCU-GW15	04032011	1530	-	N	1	WG	1	X															1
AOCU-GW17	AOCU-GW17	04032011	1345	-	N	1	WG	1	X															1
AOCU-GW19	AOCU-GW19	04032011	0920	-	N	1	WG	1	X															1

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	Jeff Moore	3/7/11	1400	Beth A Daughty	3/9/11	0925
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: FedEx Express Airbill Number: 796837014398

Analytical Lab: Test America Delivery Location: Savannah, GA

Lab Recipient: Delivery Date/Time:

Temp 0.8
680-66263

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

PRG 2 03/23/2011

NATIONVIEW

Project No: 8090006.02.010

COC Number(1): 030711-01

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB, New Mexico

Project/Site Name: AOC-U, RFI Investigation

Client Name: USACE - Albuquerque District

Collected by: D. McNeil/ Z. Beck/D. Berry/C. McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	Perchlorate (6860)												Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)													Quality Assurance Samples (6)			
AOCU-GW20	AOCU-GW20	04032011	0945	-	N	1	WG	1	X															1
AOCU-GW22	AOCU-GW22	04032011	1045	-	N	1	WG	1	X															1
AOCU-GW24	AOCU-GW24	04032011	1050	-	N	1	WG	1	X															1
AOCU-GW24-A	AOCU-GW24-A	04032011	1050	-	FD	1	WG	1	X															1
AOCU-SW01	AOCU-SW01	06032011	1040	-	N	1	WS	1	X															1
AOCU-SW02	AOCU-SW02	06032011	1000	-	N	1	WS	1	X															1
AOCU-SW03	AOCU-SW03	06032011	0850	-	N	1	WS	1	X															1
AOCU-SW03-A	AOCU-SW03-A	06032011	0850	-	FD	1	WS	1	X															1
AOCU-SW03-MS	AOCU-SW03-MS	06032011	0850	-	MS	1	WS	1	X															1
AOCU-SW03-MSD	AOCU-SW03-MSD	06032011	0850	-	SD	1	WS	1	X															1

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	JH Moore	3/7/11	1400	Beth A Daughtry	3/9/11	0925
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment: FedEx Express

Analytical Lab: Test America

Lab Recipient:

Shipped No.:

Airbill Number: 796837014398

Delivery Location: Savannah, GA

Delivery Date/Time:

Temp 0.8
680-66263

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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03/23/2011

Login Sample Receipt Checklist

Client: NationView LLC

Job Number: 680-66263-1

Login Number: 66263
List Number: 1
Creator: Cofoid, Stephen T

List Source: TestAmerica Denver
List Creation: 03/09/11 03:53 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Attachment 3

Data Validation Reports

1. Gulf Coast Analytical Laboratories, Inc.
2. TestAmerica, Inc.

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base, New Mexico, on February 28th and March 1st, 2011. Fifteen groundwater samples and associated quality control (QC) samples were taken from the AOC-U site for analyses. All analyses were performed by Gulf Coast Analytical Laboratories, Inc. in Baton Rouge, LA. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
AOCU-GW96	Water	2/28/11	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015B), TAL Metals (SW6010B/7470A), Nitrate (353.2), and TDS (SM2540C)
AOCU-GW100			
AOCU-GW82			
AOCU-GW83			
AOCU-GW80			
AOCU-GW93			
AOCU-GW77			
AOCU-GW78			
AOCU-GW75A			
AOCU-GW75			
AOCU-GW98			
AOCU-GW89		3/1/11	
AOCU-GW91			
AOCU-GW86			
AOCU-GW84			
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, TAL – Target Analyte List, and TDS – Total Dissolved Solids			

This data was validated against the laboratory's quality assurance (QA)/QC limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (USEPA, June 2008) and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (USEPA, January 2010).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times.

Blanks

No compounds were detected in the trip blanks.

Calcium, barium, sodium, magnesium, manganese, and silver were detected in the method blanks above the reporting limit (RL). Sample AOCU-GW78 for barium and sample AOCU-GW86 for manganese yielded results less than 10 times the blank concentration and were qualified as estimated, "J". All other associated samples resulted in concentrations for these metals greater than 10 times the blank concentration and no qualification was required.

A detection for nitrate, equal to the RL, was discovered in the method blank. All sample results were greater than the RL, therefore the method blank contamination did not adversely influence the sample concentrations and no qualification was required.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

The laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries for acrylonitrile were above QC limits. Since this compound was not detected in the associated samples; no qualification was required.

The LCS recovery for chromium was slightly below QC limits. The associated samples with positive results were qualified as estimated, "J".

The surrogate nitrobenzene-d5 recovery was below QC limits in sample AOCU-GW91. No qualification was required since only one semi-volatile surrogate was outside control limits.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The MS and MSD recoveries for 1,2,3-trichloropropane; 2-chloroethylvinyl ether; chloroethane; trans-1,4-dichloro-2-butene; thallium; mercury; and vanadium were outside control limits. Cross reference with the associated LCS recoveries, which were in control, concluded no qualification was necessary.

Control limits were not applicable for calcium, magnesium, potassium, and sodium since the target analyte concentration exceeded the spiked concentration by a factor of four or more.

Project Specific Quality Assurance/Quality Control

One field duplicate sample was submitted as part of this sampling event. The relative percent difference (RPD) for all compounds was within project defined control limits.

Compound Quantitation and Reporting Limits

To quantify the data or due to matrix interference, multiple samples required a dilution. Elevated reporting limits were reported.

Overall Assessment of Data

The initial calibration verification (ICV) and the continuing calibration verification (CCV) percent drift (%D) for acrylonitrile were above control limits. 2,4-Dinitrophenol

yielded a high ICV recovery. These compounds were not detected in the affected samples; therefore, sample integrity was not impacted. No qualification of the data was necessary.

All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	Qualifier*
AOCU-GW78	Barium	0.0050 J
AOCU-GW84	Chromium	0.010 J
AOCU-GW86	Chromium Manganese	0.0047 J 0.011 J
AOCU-GW89	Chromium	0.011 J

*Results are in milligrams per liter (mg/L)

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base, New Mexico, on March 1 - 2, 2011. Eleven groundwater samples and associated quality control (QC) samples were taken from the AOC-U site for analyses. All analyses were performed by Gulf Coast Analytical Laboratories, Inc. in Baton Rouge, LA. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
AOCU-GW73	Water	3/1/11	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015B), TAL Metals (SW6010B/7470A), Nitrate (353.2), and TDS (SM2540C)
AOCU-GW72			
AOCU-GW68			
AOCU-GW71			
AOCU-GW69			
AOCU-GW69-A			
AOCU-GW57		3/2/11	
AOCU-GW59			
AOCU-GW64			
AOCU-GW66			
AOCU-GW56			
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, TAL – Target Analyte List, and TDS – Total Dissolved Solids			

This data was validated against the laboratory's quality assurance (QA)/QC limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (USEPA, June 2008) and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (USEPA, January 2010).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times.

Blanks

No compounds were detected in the trip blanks.

Method blank contamination was present in prep batch 451727 for calcium, barium, sodium, magnesium, manganese, silver, and zinc and in prep batch 451808 for barium, calcium, magnesium, silver, and vanadium. These analytes were detected above the method blank reporting limit (RL). Where detected, all associated samples resulted in concentrations for these metals greater than 10 times the blank concentration and no qualification was required.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

The laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries for acrylonitrile were above QC limits. Since this compound was not detected in the associated samples; no qualification was required.

The LCS recovery for chromium was slightly below QC limits. The associated samples with positive results were qualified as estimated, "J".

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The MS and MSD recoveries for multiple volatile compounds, thallium, mercury, copper, and vanadium were outside control limits. Cross reference with the associated LCS recoveries, which were in control, concluded no qualification was necessary.

Control limits were not applicable for calcium, magnesium, potassium, and sodium since the target analyte concentration exceeded the spiked concentration by a factor of four or more.

Project Specific Quality Assurance/Quality Control

One field duplicate sample was submitted as part of this sampling event. The relative percent difference (RPD) for chromium was outside project defined control limits and was qualified as estimated, "J", in both the sample and the duplicate.

Compound Quantitation and Reporting Limits

To quantify the data or due to matrix interference, multiple samples required a dilution. Elevated reporting limits were reported.

Overall Assessment of Data

The initial calibration verification (ICV) and the continuing calibration verification (CCV) percent drift (%D) for acrylonitrile were above control limits. 2,4-Dinitrophenol yielded a high ICV recovery. These compounds were not detected in the affected samples; therefore, sample integrity was not impacted. No qualification of the data was necessary.

All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	Qualifier*
AOCU-GW69	Chromium	0.0055 J
AOCU-GW69-A	Chromium	0.0031 J
AOCU-GW68	Chromium	0.0070 J
AOCU-GW71	Chromium	0.0093 J
AOCU-GW72	Chromium	0.0067 J
AOCU-GW73	Chromium	0.0059 J

* Results are in millgrams per liter (mg/L)

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base, New Mexico, on March 2-3, 2011. Nine groundwater samples and associated quality control (QC) samples were taken from the AOC-U site for analyses. All analyses were performed by Gulf Coast Analytical Laboratories, Inc. in Baton Rouge, LA. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
AOCU-GW54	Water	3/2/11	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015B), TAL Metals (SW6010B/7470A), Nitrate (353.2), and TDS (SM2540C)
AOCU-GW52			
AOCU-GW47			
AOCU-GW47-A			
AOCU-GW50			
AOCU-GW43		3/3/11	
AOCU-GW45			
AOCU-GW39			
AOCU-GW41			
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, TAL – Target Analyte List, and TDS – Total Dissolved Solids			

This data was validated against the laboratory's quality assurance (QA)/QC limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (USEPA, June 2008) and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (USEPA, January 2010).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times.

Blanks

No compounds were detected in the trip blanks.

In prep batch 451808, method blank contamination was present for calcium, barium, magnesium, silver, and vanadium and for barium, calcium, magnesium, cobalt, and thallium related to prep batch 451923. These analytes were detected above the method blank reporting limit (RL). Where detected, all associated samples resulted in concentration for these metals greater than 10 times the blank concentration and no qualification was required.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

The laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries for acrylonitrile were above QC limits. Since this compound was not detected in the associated samples; no qualification was required.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The MS and MSD recoveries for multiple volatile compounds, mercury, copper, thallium, and vanadium were outside control limits. Cross reference with the associated LCS recoveries, which were in control, concluded no qualification was necessary.

Control limits were not applicable for calcium, magnesium, potassium, and sodium since the target analyte concentration exceeded the spiked concentration by a factor of four or more.

Project Specific Quality Assurance/Quality Control

One field duplicate sample was submitted as part of this sampling event. The relative percent difference (RPD) for antimony was outside project defined control limits and was qualified as estimated, “J”, in both the sample and the duplicate.

Compound Quantitation and Reporting Limits

To quantify the data or due to matrix interference, multiple samples required a dilution. Elevated reporting limits were reported.

Overall Assessment of Data

The initial calibration verification (ICV) percent drift (%D) for acrylonitrile was above control limits. This compound was not detected in the affected samples; therefore, sample integrity was not impacted. No qualification of the data was necessary.

All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	Qualifier*
AOCU-GW47	Antimony	0.20 J
AOCU-GW47-A	Antimony	0.11 J

*Results are in milligrams per liter (mg/L)

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base, New Mexico, on March 3-4, 2011. Ten groundwater samples and associated quality control (QC) samples were taken from the AOC-U site for analyses. All analyses were performed by Gulf Coast Analytical Laboratories, Inc. in Baton Rouge, LA. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
AOCU-GW26	Water	3/3/11	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015B), TAL Metals (SW6010B/7470A), Nitrate (353.2), and TDS (SM2540C)
AOCU-GW28			
AOCU-GW32			
AOCU-GW35			
AOCU-GW35-A			
AOCU-GW19		3/4/11	
AOCU-GW20			
AOCU-GW22			
AOCU-GW24			
AOCU-GW24-A			
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, TAL – Target Analyte List, and TDS – Total Dissolved Solids			

This data was validated against the laboratory's quality assurance (QA)/QC limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (USEPA, June 2008) and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (USEPA, January 2010).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times.

Blanks

No compounds were detected in the trip blanks.

Barium, sodium, and magnesium were detected in the method blank, associated with samples AOCU-GW19, AOCU-GW20, and AOCU-GW22, above the reporting limit (RL). All associated samples resulted in concentrations greater than 10 times the blank concentration and no qualification was required.

Barium, calcium, cobalt, magnesium, and thallium were detected in the method blank associated with samples AOCU-GW26, AOCU-GW28, AOCU-GW32, AOCU-GW35, and AOCU-GW35-A above the RL. Sample AOCU-GW28 resulted in cobalt less than 10 times the blank concentration as well as barium in sample AOCU-GW32 and were qualified as estimated,"J".

The method blank associated with samples AOCU-GW24 and AOCU-GW24-A yielded results greater than the RL for arsenic, barium, calcium, cobalt, potassium, and thallium. Only cobalt in sample AOCU-GW24-A required a qualifier due to the result less than 10 times the blank concentration. All other metals were greater than 10 times the blank concentration and required no qualification.

Blank Spike Sample (Laboratory Control Sample/ Surrogates

The laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries for acrylonitrile were above QC limits. Since this compound was not detected in the associated samples; no qualification was required.

The LCS recoveries for magnesium and vanadium associated with samples AOCU-GW19, AOCU-GW20, and AOCU-GW22 were slightly below QC limits. The associated samples with positive results were qualified as estimated, "J".

The surrogate 2,4,6-tribromophenol recovery was below QC limits in sample AOCU-GW35-A. No qualification was required since only one semi-volatile surrogate was outside control limits.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The MS/MSD recoveries and/or relative percent difference (RPD) for multiple volatile compounds, mercury, thallium, zinc, and vanadium were outside control limits. Cross reference with the associated LCS recoveries, which were in control, concluded no qualification was necessary. The exception was for compounds acrylonitrile and vanadium but these compounds were not detected in the associated samples. Therefore using professional judgment, no qualification was required.

Control limits were not applicable for calcium, magnesium, potassium, and sodium since the target analyte concentration exceeded the spiked concentration by a factor of four or more.

Project Specific Quality Assurance/Quality Control

Two field duplicate samples were submitted as part of this sampling event. The RPD for DRO was outside project defined control limits for sample AOCU-GW35 and its duplicate. The RPD for arsenic and chromium were outside limits for sample AOCU-24 and its duplicate. These compounds were qualified as estimated, "J", in both samples.

Compound Quantitation and Reporting Limits

To quantify the data or due to matrix interference, multiple samples required a dilution. Elevated reporting limits were reported.

Overall Assessment of Data

All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	Qualifier*
AOCU-GW35	TPH-DRO	84.9 J
AOCU-GW35-A	TPH-DRO	52.3 J
AOCU-GW24	Arsenic Chromium	0.098 J 0.0044 J
AOCU-GW24-A	Arsenic Chromium Cobalt	0.049 J 0.015 J 0.0044 J
AOCU-GW19	Magnesium	9,200 J
AOCU-GW20	Magnesium	8,540 J
AOCU-GW22	Magnesium	7,320 J
AOCU-GW28	Cobalt	0.0021 J
AOCU-GW32	Barium	0.0063 J

* Metals results are in milligrams per liter (mg/L), volatiles are in micrograms per liter (µg/L)

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base, New Mexico, on March 4-6, 2011. Fourteen groundwater samples and associated quality control (QC) samples were taken from the AOC-U site for analyses. All analyses were performed by Gulf Coast Analytical Laboratories, Inc. in Baton Rouge, LA. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
AOCU-GW15	Water	3/4/11	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015B), TAL Metals (SW6010B/7470A), Nitrate (353.2), and TDS (SM2540C)
AOCU-GW17			
AOCU-GW10			
AOCU-GW12			
AOCU-GW05		3/5/11	
AOCU-GW07			
AOCU-GW03			
AOCU-GW08			
AOCU-GW01			
AOCU-GW02			
AOCU-SW03		3/6/11	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015B), TAL Metals (SW6010B/7470A), Nitrate (353.2), TDS (SM2540C), pH (SW9040A), and Hardness (SM2340B)
AOCU-SW03-A			
AOCU-SW01			
AOCU-SW02			

Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, TAL – Target Analyte List, and TDS – Total Dissolved Solids

This data was validated against the laboratory's quality assurance (QA)/QC limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (USEPA, June 2008) and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (USEPA, January 2010).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times with the following exception. The analysis of nitrate was performed outside required hold time for those samples collected on March 4th and 5th. All results were qualified as estimated, "J".

Blanks

No compounds were detected in the trip blanks.

The method blank yielded detections for barium, magnesium, and sodium above the reporting limit (RL). All samples resulted in concentrations greater than 10 times the blank concentration and no qualification was required with the following exception. Sample AOCU-GW15 yielded a concentration for barium less than 10 times the blank concentration and was qualified as estimated, “J”.

The method blank associated with AOCU-SW01, SW02, SW03, and SW03-A yielded detections for calcium and hardness above the RL. No sample resulted in detections less than 10 times the blank concentration and necessitated no qualification.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

The laboratory control sample duplicate (LCSD) recoveries (batch 452153) for trans-1,3-dichloropropene and 1-chlorohexane were below QC limits. These not detected compounds were qualified as estimated non-detected, “UJ”, in the associated samples. The laboratory control sample (LCS) recovery (batch 452190) for bromochloromethane was above QC limits. The associated samples did not yield a detection for this compound and no qualification was necessary. The LCSD recovery (batch 452190) for 1,1-dichloropropene was below QC limits. The associated samples were qualified as estimated non-detected, “UJ”.

The LCS recovery for magnesium and vanadium were slightly below QC limits. The associated samples with positive results were qualified as estimated, “J”.

The recovery of the TPH-DRO/ORO surrogate o-terphenyl was above QC limits in sample AOCU-SW03. These compounds were not detected in the sample and no qualification was required.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The MS and/or MSD recoveries for multiple volatile compounds, thallium, mercury, and vanadium were outside control limits. Cross reference with the associated LCS recoveries, which were in control, concluded no qualification was necessary, with the exception of vanadium which resulted in both LCS and matrix QC deficiencies and was qualified as either estimated ,”J”, or estimated non-detected, “UJ”, in all samples.

Control limits were not applicable for calcium, magnesium, potassium, and sodium since the target analyte concentration exceeded the spiked concentration by a factor of four or more.

Project Specific Quality Assurance/Quality Control

One field duplicate sample was submitted as part of this sampling event. The relative percent difference (RPD) for chromium, copper, manganese, and nickel were outside project defined control limits and were qualified as estimated, “J”, in both sample and duplicate.

Compound Quantitation and Reporting Limits

To quantify the data or due to matrix interference, multiple samples required a dilution. Elevated reporting limits were reported.

Overall Assessment of Data

All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	Qualifier*
AOCU-GW15	Nitrate	0.014 J
	Trans-1,3-dichloropropene	UJ
	1-Chlorohexane	UJ
	Magnesium	3,440 J
	Barium	0.0029 J
	Vanadium	UJ
AOCU-GW17	Nitrate	0.248 J
	Trans-1,3-dichloropropene	UJ
	1-Chlorohexane	UJ
	Magnesium	17,100 J
	Vanadium	UJ
AOCU-GW10	Nitrate	0.065 J
	Trans-1,3-dichloropropene	UJ
	1-Chlorohexane	UJ
	Magnesium	7,840 J
	Vanadium	UJ
AOCU-GW12	Nitrate	16.6 J
	Trans-1,3-dichloropropene	UJ
	1-Chlorohexane	UJ
	Magnesium	4,360 J
	Vanadium	UJ
AOCU-GW05	Nitrate	1.10 J
	1,1-Dichloropropene	UJ
	Magnesium	8,290 J
	Vanadium	UJ
AOCU-GW07	Nitrate	0.102 J
	Trans-1,3-dichloropropene	UJ
	1-Chlorohexane	UJ
	Magnesium	14,000 J
	Vanadium	UJ
AOCU-GW03	Nitrate	0.107 J
	Trans-1,3-dichloropropene	UJ
	1-Chlorohexane	UJ
	Magnesium	13,700 J
	Vanadium	UJ
AOCU-GW08	Nitrate	0.102 J
	1,1-Dichloropropene	UJ
	Magnesium	15,300 J
AOCU-GW01	Nitrate	0.005 J
	Magnesium	2,110 J
	Vanadium	UJ

Summary of Qualified Data

Sample ID	Parameter	Qualifier*
AOCU-GW02	Nitrate	4.37 J
	Magnesium	8,220 J
	Vanadium	UJ
AOCU-SW03	Chromium	0.0075 J
	Copper	0.14 J
	Manganese	0.080 J
	Nickel	0.047 J
	Magnesium	1,300 J
	Vanadium	UJ
AOCU-SW03-A	Chromium	0.015 J
	Copper	0.085 J
	Manganese	0.045 J
	Nickel	0.019 J
	Magnesium	1510 J
	Vanadium	0.042 J
AOCU-SW02	1.1-Dichloropropene	UJ
	Magnesium	2,850 J
	Vanadium	UJ
AOCU-SW01	Magnesium	3,050 J
	Vanadium	UJ

*Metals results are in milligrams per liter (mg/L) and volatiles are in micrograms per liter (µg/L)

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base, New Mexico, on February 28 - March 6, 2011. Fifty nine groundwater samples were taken from the AOC-U site for analyses. All analyses were performed by TestAmerica Laboratories, Inc. in Denver, CO. The specific samples included in this validation were:

Sample ID	Matrix	SDG#	Collection Date	Analyses (USEPA Method Number)
AOCU-GW47	Water	680-66203-1	3/2/11	Perchlorate (SW6860)
AOCU-GW47-A				
AOCU-GW50				
AOCU-GW52				
AOCU-GW54				
AOCU-GW56				
AOCU-GW57				
AOCU-GW59				
AOCU-GW64				
AOCU-GW66				
AOCU-GW68		680-66162-1	3/1/11	
AOCU-GW69				
AOCU-GW69-A				
AOCU-GW71				
AOCU-GW72				
AOCU-GW73				
AOCU-GW84				
AOCU-GW86				
AOCU-GW89				
AOCU-GW91				
AOCU-GW75		680-66093-1	2/28/11	
AOCU-GW75-A				
AOCU-GW77				
AOCU-GW78				
AOCU-GW80				
AOCU-GW82				
AOCU-GW83				
AOCU-GW93				
AOCU-GW96				
AOCU-GW98				
AOCU-GW100				
AOCU-GW01		680-66263-1	3/5/11	
AOCU-GW02				
AOCU-GW03				
AOCU-GW05				
AOCU-GW07				
AOCU-GW08				

Sample ID	Matrix	SDG#	Collection Date	Analyses
AOCU-GW10	Water	680-66263-1	3/4/11	Perchlorate (SW6860)
AOCU-GW12				
AOCU-GW15				
AOCU-GW17				
AOCU-GW19				
AOCU-GW20				
AOCU-GW22				
AOCU-GW24				
AOCU-GW24-A				
AOCU-SW01			3/6/11	
AOCU-SW02				
AOCU-SW03				
AOCU-SW03-A				
AOCU-GW26		680-66222-1	3/3/11	
AOCU-GW28				
AOCU-GW32				
AOCU-GW35				
AOCU-GW35-A				
AOCU-GW39				
AOCU-GW43				
AOCU-GW45				
AOCU-GW41				
Notes: ID – Identification, SDG – Sample Delivery Group, USEPA – U.S. Environmental Protection Agency				

This data was validated against the laboratory's quality assurance/quality control (QA/QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review* (USEPA, January 2010).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times.

Blanks

No perchlorate was detected in the method blanks.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

The laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries were within control limits.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

All MS/MSD recoveries and relative percent difference (RPD) were within control limits with the exception of the MS/MSD recoveries associated with sample AOCU-GW26. Since the analyte concentration exceeded the spiked concentration by a factor of four or more, control limits were not applicable and no qualification was necessary.

Project Specific Quality Assurance/Quality Control

Six field duplicate samples were submitted as part of this sampling event. The RPD for perchlorate was within project defined control limits.

Compound Quantitation and Reporting Limits

Due to high levels of dissolved salts all samples required a dilution. Elevated reporting limits were reported.

Overall Assessment of Data

All analyses were performed, and the data met the required QC. The data is 100% complete.