TA16 For: John Fox 8/25/06

ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes	
B	analyte detected in Method Blank
E	result is estimated
H	analyzed out of hold time
N	tentatively identified compound
S	subcontracted
1-9	see footnote

LOS ALAMOS NATIONAL LABS
attn: DUSTIE RICH
P.O. BOX 1663, MS K490
LOS ALAMOS NM 87545

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STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: LOS ALAMOS NATIONAL LABS
Project: 7D44 JF30 0045 MGTI
Order: 0404180 LOS17 Receipt: 04-08-04

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *04SWRC269* Collected: *04-08-04 8:35:00* By: *DR*
Matrix: *H2O*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
040418D-01A		SW846 8260B Purgeable VOCs by GC/MS					By:	CWJ		
X04345	XG.2004.616.8	75-34-3	1,1 Dichloroethane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	75-35-4	1,1 Dichloroethene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	71-55-6	1,1,1 Trichloroethane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	630-20-6	1,1,1,2 Tetrachloroethane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	79-00-5	1,1,2 Trichloroethane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	79-34-5	1,1,2,2 Tetrachloroethane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	106-93-4	1,2 Dibromoethane (EDB)	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	95-50-1	1,2 Dichlorobenzene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	107-06-2	1,2 Dichloroethane (EDC)	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	78-87-5	1,2 Dichloropropane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	96-18-4	1,2,3 Trichloropropane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	95-63-6	1,2,4-Trimethylbenzene	160	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	541-73-1	1,3 Dichlorobenzene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	108-67-8	1,3,5-Trimethylbenzene	76	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	764-41-0	1,4 Dichloro-2-butene	ND	ug / L	1	10		04-12-04	04-12-04
X04345	XG.2004.616.8	106-46-7	1,4 Dichlorobenzene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.10	78-93-3	2-Butanone (MEK)	12000	ug / L	500	5		04-12-04	04-12-04
X04345	XG.2004.616.8	591-78-6	2-Hexanone (MBK)	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	108-10-1	4-Methyl-2-pentanone (MIBK)	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.10	67-64-1	Acetone	7100	ug / L	500	10		04-12-04	04-12-04
X04345	XG.2004.616.8	107-02-8	Acrolein	ND	ug / L	1	20		04-12-04	04-12-04
X04345	XG.2004.616.8	107-13-1	Acrylonitrile	ND	ug / L	1	20		04-12-04	04-12-04
X04345	XG.2004.616.8	71-43-2	Benzene	2.1	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	75-27-4	Bromodichloromethane	ND	ug / L	1	1		04-12-04	04-12-04

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THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

6484

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17** Receipt: **04-08-04**

Sample: *04SWRC269* Collected: *04-08-04 8:35:00* By: *DR*
Matrix: *H2O*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0404180-01A		SW846 8260B Purgeable VOCs by GC/MS					By:	CWJ		
X04345	XG.2004.616.8	75-25-2	Bromoform	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	74-83-9	Bromomethane	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	75-15-0	Carbon disulfide	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	56-23-5	Carbon tetrachloride	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	108-90-7	Chlorobenzene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	124-48-1	Chlorodibromomethane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	75-00-3	Chloroethane	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	67-66-3	Chloroform	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	74-87-3	Chloromethane	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	156-59-2	cis-1,2 dichloroethene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8		cis-1,3 Dichloropropene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	74-95-3	Dibromomethane	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	97-63-2	Ethyl methacrylate	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	100-41-4	Ethylbenzene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8		Freon 113	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	75-71-8	Freon 12	ND	ug / L	1	10		04-12-04	04-12-04
X04345	XG.2004.616.8	1834-04-4	Methyl t-butyl ether (MTBE)	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	75-09-2	Methylene chloride	ND	ug / L	1	10		04-12-04	04-12-04
X04345	XG.2004.616.8	91-20-3	Naphthalene	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	95-47-6	o-Xylene	9.8	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	108-38-3/106-42	p/m-Xylenes	ND	ug / L	1	2		04-12-04	04-12-04
X04345	XG.2004.616.8	100-42-5	Styrene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	156-60-5	t-1,2 Dichloroethene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	10061-02-6	t-1,3 Dichloropropene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	127-18-4	Tetrachloroethene (PCE)	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	108-88-3	Toluene	6.6	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	79-01-6	Trichloroethene	ND	ug / L	1	1		04-12-04	04-12-04
X04345	XG.2004.616.8	75-69-4	Trichlorofluoromethane	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	108-05-4	Vinyl acetate	ND	ug / L	1	5		04-12-04	04-12-04
X04345	XG.2004.616.8	75-01-4	Vinyl chloride	ND	ug / L	1	5		04-12-04	04-12-04

Sample: *04SWRC270* Collected: *04-08-04 8:35:00* By: *DR*
Matrix: *H2O*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0404180-02A		SW846 3510B/8270C SVOCs by GC/MS					By:	DS		
X04337	XG.2004.617.6	120-82-1	1,2,4-Trichlorobenzene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	95-50-1	1,2-Dichlorobenzene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	541-73-1	1,3-Dichlorobenzene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	106-46-7	1,4-Dichlorobenzene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	90-12-0	1-Methylnaphthalene	ND	ug / L	1	1		04-09-04	04-09-04

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17** Receipt: **04-08-04**

Sample: ***04SWRC270*** Collected: *04-08-04 8:35:00* By: *DR*
Matrix: ***H2O***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
04D4180-02A		SW846 3510B/8270C SVOCs by GC/MS					By:	DS		
X04337	XG.2004.617.6	58-90-2	2,3,4,6-Tetrachlorophenol	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	95-95-4	2,4,5-Trichlorophenol	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	88-06-2	2,4,6-Trichlorophenol	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	120-83-2	2,4-Dichlorophenol	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	105-67-9	2,4-Dimethylphenol	ND	ug / L	1	0.2		04-09-04	04-09-04
X04337	XG.2004.617.6	51-28-5	2,4-Dinitrophenol	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	121-14-2	2,4-Dinitrotoluene	6.7	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	606-20-2	2,6-Dinitrotoluene	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	91-58-7	2-Chloronaphthalene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	95-57-8	2-Chlorophenol	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	91-57-6	2-Methylnaphthalene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	95-48-7	2-Methylphenol	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	88-74-4	2-Nitroaniline	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	88-75-5	2-Nitrophenol	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	91-94-1	3,3-Dichlorobenzidine	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6		3+4 Methylphenol	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	99-09-2	3-Nitroaniline	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	534-52-1	4,6-Dinitro-2-methylphenol	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	101-55-3	4-Bromophenyl-phenylether	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	59-50-7	4-Chloro-3-methylphenol	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	106-47-8	4-Chloroaniline	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	7005-72-3	4-Chlorophenyl-phenylether	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	100-01-6	4-Nitroaniline	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	100-02-7	4-Nitrophenol	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	83-32-9	Acenaphthene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	208-96-8	Acenaphthylene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	62-53-3	Aniline	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	120-12-7	Anthracene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6		Azobenzene&1,2-Diphenylhydrazine	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	56-55-3	Benzo (a) anthracene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	50-32-8	Benzo(a)pyrene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6		Benzo(b & k)fluoranthene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	191-24-2	Benzo(g,h,i)perylene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	65-85-0	Benzoic acid	ND	ug / L	1	25		04-09-04	04-09-04
X04337	XG.2004.617.6	100-51-6	Benzyl alcohol	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	111-44-4	bis (2-Chloroethyl) ether	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	111-91-1	bis(2-Chloroethoxy)methane	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	108-60-1	bis(2-Chloroisopropyl)ether	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	117-81-7	bis(2-Ethylhexyl)phthalate	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	85-68-7	Butylbenzylphthalate	8.8	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	218-01-9	Chrysene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	53-70-3	Dibenz(a,h)anthracene	ND	ug / L	1	1		04-09-04	04-09-04

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17** Receipt: **04-08-04**

Sample: ***04SWRC270*** Collected: *04-08-04 8:35:00* By: *DR*
Matrix: ***H2O***

0404180-02A — **SW846 3510B/8270C SVOCs by GC/MS** By: DS

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
X04337	XG.2004.617.6	132-64-9	Dibenzofuran	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	84-66-2	Diethylphthalate	3.0	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	131-11-3	Dimethylphthalate	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	84-74-2	di-n-Butylphthalate	4.5	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	117-84-0	di-n-Octylphthalate	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	206-44-0	Fluoranthene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	66737	Fluorene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	118-74-1	Hexachlorobenzene	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	87-68-3	Hexachlorobutadiene	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	77-47-4	Hexachlorocyclopentadiene	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	67-72-1	Hexachloroethane	ND	ug / L	1	5		04-09-04	04-09-04
X04337	XG.2004.617.6	193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	78-59-1	Isophorone	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	91-20-3	Naphthalene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	98-95-3	Nitrobenzene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	62-75-9	n-Nitroso-dimethyl-amine	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	621-64-7	n-Nitroso-di-n-propylamine	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	66-30-6	n-Nitrosodiphenylamine	5.8	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	87-86-5	Pentachlorophenol	ND	ug / L	1	10		04-09-04	04-09-04
X04337	XG.2004.617.6	85-01-8	Phenanthrene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.3	108-95-2	Phenol	ND	ug / L	10	10		04-09-04	04-09-04
X04337	XG.2004.617.6	129-00-0	Pyrene	ND	ug / L	1	1		04-09-04	04-09-04
X04337	XG.2004.617.6	110-86-1	Pyridine	ND	ug / L	1	10		04-09-04	04-09-04

Sample: ***04SWRC271*** Collected: *04-08-04 8:35:00* By: *DR*
Matrix: ***H2O***

0404180-03A — **SW846 8330 Explosives by HPLC** By: WB/PW

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
X04340	XG.2004.618.19	99-35-4	1,3,5-Trinitrobenzene	ND	ug / L	8	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.18	99-65-0	1,3-Dinitrobenzene	ND	ug / L	84	0.25	12	04-09-04	04-10-04
X04340	XG.2004.818.18	118-96-7	2,4,6-Trinitrotoluene	130	ug / L	84	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.19	121-14-2	2,4-Dinitrotoluene	2.6	ug / L	8	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.20	606-20-2	2,6-Dinitrotoluene	ND	ug / L	1	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.19	355-72-78-2	2-Amino-4,6-Dinitrotoluene	34	ug / L	8	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.20	88-72-2	2-Nitrotoluene	ND	ug / L	1	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.19	99-08-1	3-Nitrotoluene	ND	ug / L	8	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.19	1946-51-0	4-Amino-2,6-Dinitrotoluene	26	ug / L	8	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.19	99-99-0	4-Nitrotoluene	ND	ug / L	8	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.19	2691-41-0	HMX	ND	ug / L	8	0.25	12	04-09-04	04-10-04
X04340	XG.2004.618.18	98-95-3	Nitrobenzene	ND	ug / L	84	0.25	12	04-09-04	04-10-04

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: **LOS ALAMOS NATIONAL LABS**

Project: **7D44 JF30 0045 MGTI**

Order: **0404180 LOS17** Receipt: **04-08-04**

Sample: ***04SWRC271*** Collected: *04-08-04 8:35:00* By: *DR*

Matrix: ***H2O***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0404180-03A		**SW846 8330 Explosives by HPLC**						By: WB/PW		
X04340	XG.2004.618.101	121-82-4	RDX	2900	ug / L	840	0.25	1 2	04-09-04	04-12-04
X04340	XG.2004.618.20	479-45-8	Tetryl	ND	ug / L	1	0.25	1 2	04-09-04	04-10-04

Sample: ***04SWRC272*** Collected: *04-08-04 8:35:00* By: *DR*

Matrix: ***H20***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0404180-04B		**SW846 1311/3010A/6010B ICP TCLP**						By: KDW		
M04525	MT.2004.630.33	7440-38-2	Arsenic	ND	mg / L	500	0.2		04-10-04	04-12-04
M04525	MT.2004.630.33	7440-39-3	Barium	6210	mg / L	500	0.2		04-10-04	04-12-04
M04525	MT.2004.630.33	7440-43-9	Cadmium	ND	mg / L	500	0.02		04-10-04	04-12-04
M04525	MT.2004.630.33	7440-47-3	Chromium	ND	mg / L	500	0.02		04-10-04	04-12-04
M04525	MT.2004.630.33	7439-92-1	Lead	ND	mg / L	500	0.1		04-10-04	04-12-04
M04525	MT.2004.630.33	7782-49-2	Selenium	ND	mg / L	500	0.05		04-10-04	04-12-04
M04525	MT.2004.630.33	7440-22-4	Silver	ND	mg / L	500	0.04		04-10-04	04-12-04
0404180-04B		**SW846 1311/7470A CVAA TCLP**						By: kdw		
M04526	MT.2004.629.27	7439-97-6	Mercury	0.0004	mg / L	1	0.0002	B	04-12-04	04-12-04

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

1 The surrogate recovery was outside of QC criteria, suggesting matrix interference problems. This should be taken into account when reviewing the data.

2 This sample was utilized for the matrix spike and duplicate. Please note that the recoveries and RPD's were outside of QC criteria, suggesting matrix interference problems. This should be taken into account when reviewing the data.

Assaigai Analytical Laboratories, Inc.

QC Surrogate Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Sample: ***0404180-01A*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04345		**8260**						**X04345-003**	
XG.2004.616.8		1,2 Dichloroethane-D4 (SS)	101	% Recovery	76 - 114	1	NA		04-12-04
XG.2004.616.8		4-Bromofluorobenzene (SS)	97	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.8		Dibromofluoromethane (SS)	98	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.8		Toluene-D8 (SS)	94	% Recovery	88 - 110	1	NA		04-12-04
X04345		**8260**						**X04345-004**	
XG.2004.616.10		1,2 Dichloroethane-D4 (SS)	106	% Recovery	76 - 114	500	NA		04-12-04
XG.2004.616.10		4-Bromofluorobenzene (SS)	96	% Recovery	75 - 125	500	NA		04-12-04
XG.2004.616.10		Dibromofluoromethane (SS)	95	% Recovery	75 - 125	500	NA		04-12-04
XG.2004.616.10		Toluene-D8 (SS)	95	% Recovery	88 - 110	500	NA		04-12-04

Sample: ***0404180-02A*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**8270**						**X04337-003**	
XG.2004.617.6		*2,4,6-TRIBROMOPHENOL	61	% Recovery	10 - 123	1	NA		04-09-04
XG.2004.617.6		*2-FLUOROBIPHENYL	93	% Recovery	43 - 116	1	NA		04-09-04
XG.2004.617.6		*2-FLUOROPHENOL	49	% Recovery	21 - 100	1	NA		04-09-04
XG.2004.617.6		*NITROBENZENE-D5	84	% Recovery	35 - 114	1	NA		04-09-04
XG.2004.617.6		*PHENOL-D6	33	% Recovery	10 - 94	1	NA		04-09-04
XG.2004.617.6		*TERPHENYL-D14	35	% Recovery	33 - 141	1	NA		04-09-04

Sample: ***0404180-03A*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04340		**SW846 8330 Explosives by HPLC**						**X04340-005**	
XG.2004.618.20	610-39-9	3,4-Dinitrotoluene	200	% Recovery	74 - 127	1	NA		04-10-04

Sample: ***LCS*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04345		**8260**						**X04345-002**	
XG.2004.616.7		1,2 Dichloroethane-D4 (SS)	95	% Recovery	76 - 114	1	NA		04-12-04
XG.2004.616.7		4-Bromofluorobenzene (SS)	97	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.7		Dibromofluoromethane (SS)	102	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.7		Toluene-D8 (SS)	96	% Recovery	88 - 110	1	NA		04-12-04
X04337		**8270**						**X04337-002**	
XG.2004.617.2		*2,4,6-TRIBROMOPHENOL	101	% Recovery	10 - 123	1	NA		04-09-04
XG.2004.617.2		*2-FLUOROBIPHENYL	94	% Recovery	43 - 116	1	NA		04-09-04

Assaigai Analytical Laboratories, Inc.

QC Surrogate Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Sample: ***LCS*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**8270**						**X04337-002**	
XG.2004.617.2		*2-FLUOROPHENOL	53	% Recovery	21 - 100	1	NA		04-09-04
XG.2004.617.2		*NITROBENZENE-D5	88	% Recovery	35 - 114	1	NA		04-09-04
XG.2004.617.2		*PHENOL-D6	36	% Recovery	10 - 94	1	NA		04-09-04
XG.2004.617.2		*TERPHENYL-D14	88	% Recovery	33 - 141	1	NA		04-09-04
X04340		**SW846 8330 Explosives by HPLC**						**X04340-002**	
XG.2004.616.7	610-39-9	3,4-Dinitrotoluene	98	% Recovery	74 - 127	1	NA		04-09-04

Sample: ***MB*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04345		**8260**						**X04345-001**	
XG.2004.616.6		1,2 Dichloroethane-D4 (SS)	111	% Recovery	76 - 114	1	NA		04-12-04
XG.2004.616.6		4-Bromofluorobenzene (SS)	95	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.6		Dibromofluoromethane (SS)	100	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.6		Toluene-D8 (SS)	94	% Recovery	88 - 110	1	NA		04-12-04
X04337		**8270**						**X04337-001**	
XG.2004.617.1		*2,4,6-TRIBROMOPHENOL	107	% Recovery	10 - 123	1	NA		04-09-04
XG.2004.617.1		*2-FLUOROBIPHENYL	89	% Recovery	43 - 116	1	NA		04-09-04
XG.2004.617.1		*2-FLUOROPHENOL	56	% Recovery	21 - 100	1	NA		04-09-04
XG.2004.617.1		*NITROBENZENE-D5	89	% Recovery	35 - 114	1	NA		04-09-04
XG.2004.617.1		*PHENOL-D6	34	% Recovery	10 - 94	1	NA		04-09-04
XG.2004.617.1		*TERPHENYL-D14	93	% Recovery	33 - 141	1	NA		04-09-04
X04340		**SW846 8330 Explosives by HPLC**						**X04340-001**	
XG.2004.616.6	610-39-9	3,4-Dinitrotoluene	97	% Recovery	74 - 127	1	NA		04-09-04

Sample: ***MS*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04345		**8260**						**X04345-005**	
XG.2004.616.11		1,2 Dichloroethane-D4 (SS)	99	% Recovery	76 - 114	1	NA		04-12-04
XG.2004.616.11		4-Bromofluorobenzene (SS)	99	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.11		Dibromofluoromethane (SS)	98	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.11		Toluene-D8 (SS)	96	% Recovery	88 - 110	1	NA		04-12-04
X04337		**8270**						**X04337-004**	
XG.2004.617.7		*2,4,6-TRIBROMOPHENOL	87	% Recovery	10 - 123	2	NA		04-09-04
XG.2004.617.7		*2-FLUOROBIPHENYL	94	% Recovery	43 - 116	2	NA		04-09-04
XG.2004.617.7		*2-FLUOROPHENOL	51	% Recovery	21 - 100	2	NA		04-09-04
XG.2004.617.7		*NITROBENZENE-D5	90	% Recovery	35 - 114	2	NA		04-09-04
XG.2004.617.7		*PHENOL-D6	38	% Recovery	10 - 94	2	NA		04-09-04

Assaigai Analytical Laboratories, Inc.

QC Surrogate Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Sample: ***MS*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**8270**						**X04337-004**	
XG.2004.617.7		*TERPHENYL-D14	45	% Recovery	33 - 141	2	NA		04-09-04
X04340		**SW846 8330 Explosives by HPLC**						**X04340-006**	
XG.2004.618.23	610-39-9	3,4-Dinitrotoluene	110	% Recovery	74 - 127	21	NA		04-10-04

Sample: ***MSD*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04345		**8260**						**X04345-006**	
XG.2004.616.12		1,2 Dichloroethane-D4 (SS)	101	% Recovery	76 - 114	1	NA		04-12-04
XG.2004.616.12		4-Bromofluorobenzene (SS)	97	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.12		Dibromofluoromethane (SS)	102	% Recovery	75 - 125	1	NA		04-12-04
XG.2004.616.12		Toluene-D8 (SS)	97	% Recovery	88 - 110	1	NA		04-12-04
X04337		**8270**						**X04337-005**	
XG.2004.617.8		*2,4,6-TRIBROMOPHENOL	83	% Recovery	10 - 123	2	NA		04-09-04
XG.2004.617.8		*2-FLUOROBIPHENYL	94	% Recovery	43 - 116	2	NA		04-09-04
XG.2004.617.8		*2-FLUOROPHENOL	49	% Recovery	21 - 100	2	NA		04-09-04
XG.2004.617.8		*NITROBENZENE-D5	83	% Recovery	35 - 114	2	NA		04-09-04
XG.2004.617.8		*PHENOL-D6	36	% Recovery	10 - 94	2	NA		04-09-04
XG.2004.617.8		*TERPHENYL-D14	48	% Recovery	33 - 141	2	NA		04-09-04
X04340		**SW846 8330 Explosives by HPLC**						**X04340-007**	
XG.2004.618.27	610-39-9	3,4-Dinitrotoluene	72	% Recovery	74 - 127	25	NA		04-10-04

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***LCS: Lab Control Spike*** Matrix: ***TCLP***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-003**	
MT.2004.630.14	7440-38-2	Arsenic	82	% Recovery	80 - 120	1	NA		04-12-04
MT.2004.630.14	7440-39-3	Barium	105	% Recovery	87 - 116	1	NA		04-12-04
MT.2004.630.14	7440-43-9	Cadmium	101	% Recovery	92 - 117	1	NA		04-12-04
MT.2004.630.14	7440-47-3	Chromium	103	% Recovery	88 - 114	1	NA		04-12-04
MT.2004.630.14	7439-92-1	Lead	102	% Recovery	88 - 119	1	NA		04-12-04
MT.2004.630.14	7782-49-2	Selenium	102	% Recovery	93 - 120	1	NA		04-12-04
MT.2004.630.14	7440-22-4	Silver	97	% Recovery	80 - 120	1	NA		04-12-04
M04526		**SW846 1311/7470A CVAA TCLP**						**M04526-002**	
MT.2004.629.22	7439-97-6	Mercury	98	% Recovery	80 - 120	1	NA		04-12-04

Type: ***LCS: Lab Control Spike*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**SW846 3510B/8270C SVOCs by GC/MS**						**X04337-002**	
XG.2004.617.2	120-82-1	1,2,4-Trichlorobenzene	72	% Recovery	39 - 98	1	NA		04-09-04
XG.2004.617.2	106-46-7	1,4-Dichlorobenzene	70	% Recovery	36 - 97	1	NA		04-09-04
XG.2004.617.2	121-14-2	2,4-Dinitrotoluene	94	% Recovery	24 - 96	1	NA		04-09-04
XG.2004.617.2	95-57-8	2-Chlorophenol	79	% Recovery	27 - 121	1	NA		04-09-04
XG.2004.617.2	59-50-7	4-Chloro-3-methylphenol	72	% Recovery	23 - 97	1	NA		04-09-04
XG.2004.617.2	100-02-7	4-Nitrophenol	53	% Recovery	10 - 80	1	NA		04-09-04
XG.2004.617.2	83-32-9	Acenaphthene	90	% Recovery	46 - 118	1	NA		04-09-04
XG.2004.617.2	117-84-0	di-n-Octylphthalate	121	% Recovery	26 - 127	1	NA		04-09-04
XG.2004.617.2	621-64-7	n-Nitroso-di-n-propylamine	84	% Recovery	41 - 116	1	NA		04-09-04
XG.2004.617.2	87-86-5	Pentachlorophenol	95	% Recovery	9 - 103	1	NA		04-09-04
XG.2004.617.2	108-95-2	Phenol	41	% Recovery	12 - 89	1	NA		04-09-04
XG.2004.617.2	129-00-0	Pyrene	93	% Recovery	26 - 127	1	NA		04-09-04
X04345		**SW846 8260B Purgeable VOCs by GC/MS**						**X04345-002**	
XG.2004.616.7	75-35-4	1,1 Dichloroethene	82	% Recovery	61 - 145	1	NA		04-12-04
XG.2004.616.7	106-46-7	1,4 Dichlorobenzene	88	% Recovery	75 - 130	1	NA		04-12-04
XG.2004.616.7	71-43-2	Benzene	89	% Recovery	76 - 127	1	NA		04-12-04
XG.2004.616.7	108-90-7	Chlorobenzene	93	% Recovery	75 - 130	1	NA		04-12-04
XG.2004.616.7	108-88-3	Toluene	97	% Recovery	76 - 125	1	NA		04-12-04
XG.2004.616.7	79-01-6	Trichloroethene	90	% Recovery	71 - 120	1	NA		04-12-04
X04340		**SW846 8330 Explosives by HPLC**						**X04340-002**	
XG.2004.618.7	99-35-4	1,3,5-Trinitrobenzene	90	% Recovery	77 - 115	1	NA		04-09-04
XG.2004.618.7	99-65-0	1,3-Dinitrobenzene	81	% Recovery	80 - 101	1	NA		04-09-04
XG.2004.618.7	118-96-7	2,4,6-Trinitrotoluene	87	% Recovery	87 - 113	1	NA		04-09-04
XG.2004.618.7	121-14-2	2,4-Dinitrotoluene	96	% Recovery	92 - 116	1	NA		04-09-04
XG.2004.618.7	606-20-2	2,6-Dinitrotoluene	75	% Recovery	70 - 100	1	NA		04-09-04
XG.2004.618.7	355-72-78-2	2-Amino-4,6-Dinitrotoluene	90	% Recovery	87 - 108	1	NA		04-09-04
XG.2004.618.7	88-72-2	2-Nitrotoluene	86	% Recovery	74 - 103	1	NA		04-09-04

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***LCS: Lab Control Spike*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04340		**SW846 8330 Explosives by HPLC**						**X04340-002**	
XG.2004.618.7	99-08-1	3-Nitrotoluene	88	% Recovery	77 - 103	1	NA		04-09-04
XG.2004.618.7	1946-51-0	4-Amino-2,6-Dinitrotoluene	89	% Recovery	84 - 106	1	NA		04-09-04
XG.2004.618.7	99-99-0	4-Nitrotoluene	87	% Recovery	79 - 103	1	NA		04-09-04
XG.2004.618.7	2691-41-0	HMX	81	% Recovery	80 - 103	1	NA		04-09-04
XG.2004.618.7	98-95-3	Nitrobenzene	68	% Recovery	68 - 97	1	NA		04-09-04
XG.2004.618.7	121-82-4	RDX	76	% Recovery	77 - 96	1	NA		04-09-04
XG.2004.618.7	479-45-8	Tetryl	121	% Recovery	68 - 131	1	NA		04-09-04

Type: ***MB: Method Blank*** Matrix: ***TCLP***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-001**	
MT.2004.630.12	7440-38-2	Arsenic	ND	mg / L		1	0.2		04-12-04
MT.2004.630.12	7440-39-3	Barium	ND	mg / L		1	0.2		04-12-04
MT.2004.630.12	7440-43-9	Cadmium	ND	mg / L		1	0.02		04-12-04
MT.2004.830.12	7440-47-3	Chromium	ND	mg / L		1	0.02		04-12-04
MT.2004.630.12	7439-92-1	Lead	ND	mg / L		1	0.1		04-12-04
MT.2004.630.12	7782-49-2	Selenium	ND	mg / L		1	0.05		04-12-04
MT.2004.630.12	7440-22-4	Silver	ND	mg / L		1	0.04		04-12-04
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-002**	
MT.2004.630.13	7440-38-2	Arsenic	ND	mg / L		1	0.2		04-12-04
MT.2004.630.13	7440-39-3	Barium	ND	mg / L		1	0.2		04-12-04
MT.2004.630.13	7440-43-9	Cadmium	ND	mg / L		1	0.02		04-12-04
MT.2004.630.13	7440-47-3	Chromium	ND	mg / L		1	0.02		04-12-04
MT.2004.630.13	7439-92-1	Lead	ND	mg / L		1	0.1		04-12-04
MT.2004.630.13	7782-49-2	Selenium	ND	mg / L		1	0.05		04-12-04
MT.2004.630.13	7440-22-4	Silver	ND	mg / L		1	0.04		04-12-04
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-012**	
MT.2004.630.30	7440-38-2	Arsenic	ND	mg / L		1	0.2		04-12-04
MT.2004.630.30	7440-39-3	Barium	0.2	mg / L		1	0.2		04-12-04
MT.2004.630.30	7440-43-9	Cadmium	ND	mg / L		1	0.02		04-12-04
MT.2004.630.30	7440-47-3	Chromium	ND	mg / L		1	0.02		04-12-04
MT.2004.630.30	7439-92-1	Lead	ND	mg / L		1	0.1		04-12-04
MT.2004.630.30	7782-49-2	Selenium	ND	mg / L		1	0.05		04-12-04
MT.2004.630.30	7440-22-4	Silver	ND	mg / L		1	0.04		04-12-04
M04526		**SW846 1311/7470A CVAA TCLP**						**M04526-001**	
MT.2004.629.21	7439-97-6	Mercury	ND	mg / L		1	0.0002		04-12-04
M04526		**SW846 1311/7470A CVAA TCLP**						**M04526-011**	
MT.2004.629.35	7439-97-6	Mercury	ND	mg / L		1	0.0002		04-12-04

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***MB: Method Blank*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**SW846 3510B/8270C SVOCs by GC/MS**						**X04337-001**	
XG.2004.617.1	120-82-1	1,2,4-Trichlorobenzene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	95-50-1	1,2-Dichlorobenzene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	541-73-1	1,3-Dichlorobenzene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	106-46-7	1,4-Dichlorobenzene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	90-12-0	1-Methylnaphthalene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	58-90-2	2,3,4,6-Tetrachlorophenol	ND	ug / L		1	5		04-09-04
XG.2004.617.1	95-95-4	2,4,5-Trichlorophenol	ND	ug / L		1	5		04-09-04
XG.2004.617.1	88-06-2	2,4,6-Trichlorophenol	ND	ug / L		1	5		04-09-04
XG.2004.617.1	120-83-2	2,4-Dichlorophenol	ND	ug / L		1	5		04-09-04
XG.2004.617.1	105-67-9	2,4-Dimethylphenol	ND	ug / L		1	0.2		04-09-04
XG.2004.617.1	51-28-5	2,4-Dinitrophenol	ND	ug / L		1	10		04-09-04
XG.2004.617.1	121-14-2	2,4-Dinitrotoluene	ND	ug / L		1	5		04-09-04
XG.2004.617.1	606-20-2	2,6-Dinitrotoluene	ND	ug / L		1	5		04-09-04
XG.2004.617.1	91-58-7	2-Chloronaphthalene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	95-57-8	2-Chlorophenol	ND	ug / L		1	1		04-09-04
XG.2004.617.1	91-57-6	2-Methylnaphthalene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	95-48-7	2-Methylphenol	ND	ug / L		1	1		04-09-04
XG.2004.617.1	88-74-4	2-Nitroaniline	ND	ug / L		1	5		04-09-04
XG.2004.617.1	88-75-5	2-Nitrophenol	ND	ug / L		1	5		04-09-04
XG.2004.617.1	91-94-1	3,3-Dichlorobenzidine	ND	ug / L		1	10		04-09-04
XG.2004.617.1		3+4 Methylphenol	ND	ug / L		1	1		04-09-04
XG.2004.617.1	99-09-2	3-Nitroaniline	ND	ug / L		1	5		04-09-04
XG.2004.617.1	534-52-1	4,6-Dinitro-2-methylphenol	ND	ug / L		1	10		04-09-04
XG.2004.617.1	101-55-3	4-Bromophenyl-phenylether	ND	ug / L		1	1		04-09-04
XG.2004.617.1	59-50-7	4-Chloro-3-methylphenol	ND	ug / L		1	5		04-09-04
XG.2004.617.1	106-47-8	4-Chloroaniline	ND	ug / L		1	5		04-09-04
XG.2004.617.1	7005-72-3	4-Chlorophenyl-phenylether	ND	ug / L		1	1		04-09-04
XG.2004.617.1	100-01-6	4-Nitroaniline	ND	ug / L		1	5		04-09-04
XG.2004.617.1	100-02-7	4-Nitrophenol	ND	ug / L		1	10		04-09-04
XG.2004.617.1	83-32-9	Acenaphthene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	208-96-8	Acenaphthylene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	62-53-3	Aniline	ND	ug / L		1	10		04-09-04
XG.2004.617.1	120-12-7	Anthracene	ND	ug / L		1	1		04-09-04
XG.2004.617.1		Azobenzene&1,2-Diphenylhydrazine	ND	ug / L		1	1		04-09-04
XG.2004.617.1	56-55-3	Benzo (a) anthracene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	50-32-8	Benzo(a)pyrene	ND	ug / L		1	1		04-09-04
XG.2004.617.1		Benzo(b & k)fluoranthene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	191-24-2	Benzo(g,h,i)perylene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	64-85-0	Benzoic acid	ND	ug / L		1	25		04-09-04
XG.2004.617.1	100-51-6	Benzyl alcohol	ND	ug / L		1	5		04-09-04
XG.2004.617.1	111-44-4	bis (2-Chloroethyl) ether	ND	ug / L		1	1		04-09-04
XG.2004.617.1	111-91-1	bis(2-Chloroethoxy)methane	ND	ug / L		1	1		04-09-04
XG.2004.617.1	108-60-1	bis(2-Chloroisopropyl)ether	ND	ug / L		1	1		04-09-04

Assalgai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***MB: Method Blank*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**SW846 3510B/8270C SVOCs by GC/MS**						**X04337-001**	
XG.2004.617.1	117-81-7	bis(2-Ethylhexyl)phthalate	ND	ug / L		1	5		04-09-04
XG.2004.617.1	85-68-7	Butylbenzylphthalate	ND	ug / L		1	1		04-09-04
XG.2004.617.1	218-01-9	Chrysene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	53-70-3	Dibenz(a,h)anthracene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	132-64-9	Dibenzofuran	ND	ug / L		1	1		04-09-04
XG.2004.617.1	84-66-2	Diethylphthalate	ND	ug / L		1	1		04-09-04
XG.2004.617.1	131-11-3	Dimethylphthalate	ND	ug / L		1	1		04-09-04
XG.2004.617.1	84-74-2	di-n-Butylphthalate	ND	ug / L		1	1		04-09-04
XG.2004.617.1	117-84-0	di-n-Octylphthalate	ND	ug / L		1	1		04-09-04
XG.2004.617.1	206-44-0	Fluoranthene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	86737	Fluorene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	118-74-1	Hexachlorobenzene	ND	ug / L		1	10		04-09-04
XG.2004.617.1	87-68-3	Hexachlorobutadiene	ND	ug / L		1	10		04-09-04
XG.2004.617.1	77-47-4	Hexachlorocyclopentadiene	ND	ug / L		1	10		04-09-04
XG.2004.617.1	67-72-1	Hexachloroethane	ND	ug / L		1	5		04-09-04
XG.2004.617.1	193-39-5	Indeno(1,2,3-cd)pyrene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	78-59-1	Isophorone	ND	ug / L		1	1		04-09-04
XG.2004.617.1	91-20-3	Naphthalene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	98-95-3	Nitrobenzene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	62-75-9	n-Nitroso-dimethyl-amine	ND	ug / L		1	10		04-09-04
XG.2004.617.1	621-64-7	n-Nitroso-di-n-propylamine	ND	ug / L		1	1		04-09-04
XG.2004.617.1	86-30-6	n-Nitrosodiphenylamine	ND	ug / L		1	1		04-09-04
XG.2004.617.1	87-86-5	Pentachlorophenol	ND	ug / L		1	10		04-09-04
XG.2004.617.1	85-01-8	Phenanthrene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	108-95-2	Phenol	ND	ug / L		1	10		04-09-04
XG.2004.617.1	129-00-0	Pyrene	ND	ug / L		1	1		04-09-04
XG.2004.617.1	110-86-1	Pyridine	ND	ug / L		1	10		04-09-04
X04345		**SW846 8260B Purgeable VOCs by GC/MS**						**X04345-001**	
XG.2004.616.6	75-34-3	1,1 Dichloroethane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	75-35-4	1,1 Dichloroethene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	71-55-6	1,1,1 Trichloroethane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	630-20-6	1,1,1,2 Tetrachloroethane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	79-00-5	1,1,2 Trichloroethane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	79-34-5	1,1,2,2 Tetrachloroethane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	106-93-4	1,2 Dibromoethane (EDB)	ND	ug / L		1	1		04-12-04
XG.2004.616.6	95-50-1	1,2 Dichlorobenzene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	107-06-2	1,2 Dichloroethane (EDC)	ND	ug / L		1	1		04-12-04
XG.2004.616.6	78-87-5	1,2 Dichloropropane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	96-18-4	1,2,3 Trichloropropane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	95-63-6	1,2,4-Trimethylbenzene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	541-73-1	1,3 Dichlorobenzene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	108-67-8	1,3,5-Trimethylbenzene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	764-41-0	1,4 Dichloro-2-butene	ND	ug / L		1	10		04-12-04

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***MB: Method Blank*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04345		**SW846 8260B Purgeable VOCs by GC/MS**						**X04345-001**	
XG.2004.616.6	106-46-7	1,4 Dichlorobenzene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	78-93-3	2-Butanone (MEK)	ND	ug / L		1	5		04-12-04
XG.2004.616.6	591-78-6	2-Hexanone (MBK)	ND	ug / L		1	5		04-12-04
XG.2004.616.6	108-10-1	4-Methyl-2-pentanone (MIBK)	ND	ug / L		1	5		04-12-04
XG.2004.616.6	67-64-1	Acetone	ND	ug / L		1	10		04-12-04
XG.2004.616.6	107-02-8	Acrolein	ND	ug / L		1	20		04-12-04
XG.2004.616.6	107-13-1	Acrylonitrile	ND	ug / L		1	20		04-12-04
XG.2004.616.6	71-43-2	Benzene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	75-27-4	Bromodichloromethane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	75-25-2	Bromoform	ND	ug / L		1	1		04-12-04
XG.2004.616.6	74-83-9	Bromomethane	ND	ug / L		1	5		04-12-04
XG.2004.616.6	75-15-0	Carbon disulfide	ND	ug / L		1	5		04-12-04
XG.2004.616.6	56-23-5	Carbon tetrachloride	ND	ug / L		1	1		04-12-04
XG.2004.616.6	108-90-7	Chlorobenzene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	124-48-1	Chlorodibromomethane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	75-00-3	Chloroethane	ND	ug / L		1	5		04-12-04
XG.2004.616.6	67-66-3	Chloroform	ND	ug / L		1	1		04-12-04
XG.2004.616.6	74-87-3	Chloromethane	ND	ug / L		1	5		04-12-04
XG.2004.616.6	156-59-2	cis-1,2 dichloroethene	ND	ug / L		1	1		04-12-04
XG.2004.616.6		cis-1,3 Dichloropropene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	74-95-3	Dibromomethane	ND	ug / L		1	1		04-12-04
XG.2004.616.6	97-63-2	Ethyl methacrylate	ND	ug / L		1	5		04-12-04
XG.2004.616.6	100-41-4	Ethylbenzene	ND	ug / L		1	1		04-12-04
XG.2004.616.6		Freon 113	ND	ug / L		1	5		04-12-04
XG.2004.616.6	75-71-8	Freon 12	ND	ug / L		1	10		04-12-04
XG.2004.616.6	1634-04-4	Methyl t-butyl ether (MTBE)	ND	ug / L		1	1		04-12-04
XG.2004.616.6	75-09-2	Methylene chloride	ND	ug / L		1	10		04-12-04
XG.2004.616.6	91-20-3	Naphthalene	ND	ug / L		1	5		04-12-04
XG.2004.616.6	95-47-6	o-Xylene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	108-38-3/106-42	p/m-Xylenes	ND	ug / L		1	2		04-12-04
XG.2004.616.6	100-42-5	Styrene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	156-60-5	t-1,2 Dichloroethene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	10061-02-6	t-1,3 Dichloropropene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	127-18-4	Tetrachloroethene (PCE)	ND	ug / L		1	1		04-12-04
XG.2004.616.6	108-88-3	Toluene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	79-01-6	Trichloroethene	ND	ug / L		1	1		04-12-04
XG.2004.616.6	75-69-4	Trichlorofluoromethane	ND	ug / L		1	5		04-12-04
XG.2004.616.6	108-05-4	Vinyl acetate	ND	ug / L		1	5		04-12-04
XG.2004.616.6	75-01-4	Vinyl chloride	ND	ug / L		1	5		04-12-04
X04340		**SW846 8330 Explosives by HPLC**						**X04340-001**	
XG.2004.618.6	99-35-4	1,3,5-Trinitrobenzene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	99-65-0	1,3-Dinitrobenzene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	118-96-7	2,4,6-Trinitrotoluene	ND	ug / L		1	0.25		04-09-04

Assalgai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***MB: Method Blank*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04340		**SW846 8330 Explosives by HPLC**						**X04340-001**	
XG.2004.618.6	121-14-2	2,4-Dinitrotoluene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	606-20-2	2,6-Dinitrotoluene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	355-72-78-2	2-Amino-4,6-Dinitrotoluene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	88-72-2	2-Nitrotoluene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	99-08-1	3-Nitrotoluene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	1946-51-0	4-Amino-2,6-Dinitrotoluene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	99-99-0	4-Nitrotoluene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	2691-41-0	HMX	ND	ug / L		1	0.25		04-09-04
XG.2004.618.8	98-95-3	Nitrobenzene	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	121-82-4	RDX	ND	ug / L		1	0.25		04-09-04
XG.2004.618.6	479-45-8	Tetryl	ND	ug / L		1	0.25		04-09-04

Type: ***MD: Matrix Duplicate*** Matrix: ***TCLP***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-007**	
MT.2004.630.22	7440-38-2	Arsenic	NA	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.22	7440-39-3	Barium	200	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.22	7440-43-9	Cadmium	200	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.22	7440-47-3	Chromium	NA	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.22	7439-92-1	Lead	200	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.22	7782-49-2	Selenium	200	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.22	7440-22-4	Silver	NA	RPD	0 - 20	20	NA		04-12-04

Type: ***MS: Matrix Spike*** Matrix: ***TCLP***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-005**	
MT.2004.630.20	7440-38-2	Arsenic	< 1	% Recovery	75 - 124	20	NA		04-12-04
MT.2004.630.20	7440-39-3	Barium	99	% Recovery	87 - 116	20	NA		04-12-04
MT.2004.630.20	7440-43-9	Cadmium	76	% Recovery	92 - 117	20	NA		04-12-04
MT.2004.630.20	7440-47-3	Chromium	< 1	% Recovery	88 - 114	20	NA		04-12-04
MT.2004.630.20	7439-92-1	Lead	74	% Recovery	88 - 119	20	NA		04-12-04
MT.2004.630.20	7782-49-2	Selenium	127	% Recovery	93 - 121	20	NA		04-12-04
MT.2004.630.20	7440-22-4	Silver	< 1	% Recovery	75 - 121	20	NA		04-12-04
M04526		**SW846 1311/7470A CVAA TCLP**						**M04526-004**	
MT.2004.629.24	7439-97-6	Mercury	90	% Recovery	80 - 120	1	NA		04-12-04

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***MS: Matrix Spike*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**SW846 3510B/8270C SVOCs by GC/MS**						**X04337-004**	
XG.2004.617.7	120-82-1	1,2,4-Trichlorobenzene	74	% Recovery	39 - 98	2	NA		04-09-04
XG.2004.617.7	106-46-7	1,4-Dichlorobenzene	68	% Recovery	36 - 97	2	NA		04-09-04
XG.2004.617.7	121-14-2	2,4-Dinitrotoluene	100	% Recovery	24 - 96	2	NA		04-09-04
XG.2004.617.7	95-57-8	2-Chlorophenol	76	% Recovery	27 - 121	2	NA		04-09-04
XG.2004.617.7	59-50-7	4-Chloro-3-methylphenol	63	% Recovery	23 - 97	2	NA		04-09-04
XG.2004.617.7	100-02-7	4-Nitrophenol	65	% Recovery	10 - 80	2	NA		04-09-04
XG.2004.617.7	83-32-9	Acenaphthene	96	% Recovery	46 - 118	2	NA		04-09-04
XG.2004.617.7	117-84-0	di-n-Octylphthalate	149	% Recovery	26 - 127	2	NA		04-09-04
XG.2004.617.7	621-64-7	n-Nitroso-di-n-propylamine	95	% Recovery	41 - 116	2	NA		04-09-04
XG.2004.617.7	87-86-5	Pentachlorophenol	74	% Recovery	9 - 103	2	NA		04-09-04
XG.2004.617.4	108-95-2	Phenol	56	% Recovery	12 - 89	20	NA		04-09-04
XG.2004.617.7	129-00-0	Pyrene	103	% Recovery	26 - 127	2	NA		04-09-04
X04345		**SW846 8260B Purgeable VOCs by GC/MS**						**X04345-005**	
XG.2004.616.11	75-35-4	1,1 Dichloroethene	80	% Recovery	61 - 145	1	NA		04-12-04
XG.2004.616.11	106-46-7	1,4 Dichlorobenzene	85	% Recovery	75 - 130	1	NA		04-12-04
XG.2004.616.11	71-43-2	Benzene	85	% Recovery	76 - 127	1	NA		04-12-04
XG.2004.616.11	108-90-7	Chlorobenzene	89	% Recovery	75 - 130	1	NA		04-12-04
XG.2004.616.11	108-88-3	Toluene	94	% Recovery	76 - 125	1	NA		04-12-04
XG.2004.616.11	79-01-6	Trichloroethene	86	% Recovery	71 - 120	1	NA		04-12-04
X04340		**SW846 8330 Explosives by HPLC**						**X04340-006**	
XG.2004.618.23	99-35-4	1,3,5-Trinitrobenzene	117	% Recovery	77 - 115	21	NA		04-10-04
XG.2004.618.23	99-65-0	1,3-Dinitrobenzene	46	% Recovery	80 - 101	21	NA		04-10-04
XG.2004.618.23	118-96-7	2,4,6-Trinitrotoluene	< 1	% Recovery	87 - 113	21	NA		04-10-04
XG.2004.618.23	121-14-2	2,4-Dinitrotoluene	31	% Recovery	92 - 116	21	NA		04-10-04
XG.2004.618.23	606-20-2	2,6-Dinitrotoluene	< 1	% Recovery	70 - 100	21	NA		04-10-04
XG.2004.618.23	355-72-78-2	2-Amino-4,6-Dinitrotoluene	< 1	% Recovery	87 - 108	21	NA		04-10-04
XG.2004.618.23	88-72-2	2-Nitrotoluene	51	% Recovery	74 - 103	21	NA		04-10-04
XG.2004.618.23	99-08-1	3-Nitrotoluene	72	% Recovery	77 - 103	21	NA		04-10-04
XG.2004.618.23	1946-51-0	4-Amino-2,6-Dinitrotoluene	< 1	% Recovery	84 - 106	21	NA		04-10-04
XG.2004.618.23	99-99-0	4-Nitrotoluene	63	% Recovery	79 - 103	21	NA		04-10-04
XG.2004.618.23	2691-41-0	HMX	3540	% Recovery	80 - 103	21	NA		04-10-04
XG.2004.618.23	98-95-3	Nitrobenzene	< 1	% Recovery	68 - 97	21	NA		04-10-04
XG.2004.618.23	121-82-4	RDX	< 1	% Recovery	77 - 96	21	NA		04-10-04
XG.2004.618.23	479-45-8	Tetryl	174	% Recovery	68 - 131	21	NA		04-10-04

Type: ***MSD: Matrix Spike Duplicate Precision*** Matrix: ***TCLP***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-006**	
MT.2004.630.21	7440-38-2	Arsenic	NA	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.21	7440-39-3	Barium	< 1	RPD	0 - 20	20	NA		04-12-04

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***MSD: Matrix Spike Duplicate Precision*** Matrix: ***TCLP***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-006**	
MT.2004.630.21	7440-43-9	Cadmium	7	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.21	7440-47-3	Chromium	NA	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.21	7439-92-1	Lead	39	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.21	7782-49-2	Selenium	5	RPD	0 - 20	20	NA		04-12-04
MT.2004.630.21	7440-22-4	Silver	NA	RPD	0 - 20	20	NA		04-12-04
M04526		**SW846 1311/7470A CVAA TCLP**						**M04526-005**	
MT.2004.629.25	7439-97-6	Mercury	< 1	RPD	0 - 20	1	NA		04-12-04

Type: ***MSD: Matrix Spike Duplicate Precision*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**SW846 3510B/8270C SVOCs by GC/MS**						**X04337-005**	
XG.2004.617.8	120-82-1	1,2,4-Trichlorobenzene	6	RPD	0 - 28	2	NA		04-09-04
XG.2004.617.8	106-46-7	1,4-Dichlorobenzene	4	RPD	0 - 28	2	NA		04-09-04
XG.2004.617.8	121-14-2	2,4-Dinitrotoluene	6	RPD	0 - 38	2	NA		04-09-04
XG.2004.617.8	95-57-8	2-Chlorophenol	2	RPD	0 - 40	2	NA		04-09-04
XG.2004.617.8	59-50-7	4-Chloro-3-methylphenol	5	RPD	0 - 42	2	NA		04-09-04
XG.2004.617.8	100-02-7	4-Nitrophenol	23	RPD	0 - 50	2	NA		04-09-04
XG.2004.617.8	83-32-9	Acenaphthene	4	RPD	0 - 31	2	NA		04-09-04
XG.2004.617.8	117-84-0	di-n-Octylphthalate	13	RPD	0 - 20	2	NA		04-09-04
XG.2004.617.8	621-64-7	n-Nitroso-di-n-propylamine	2	RPD	0 - 38	2	NA		04-09-04
XG.2004.617.8	87-86-5	Pentachlorophenol	2	RPD	0 - 50	2	NA		04-09-04
XG.2004.617.5	108-95-2	Phenol	6	RPD	0 - 42	20	NA		04-09-04
XG.2004.617.8	129-00-0	Pyrene	3	RPD	0 - 31	2	NA		04-09-04
X04345		**SW846 8260B Purgeable VOCs by GC/MS**						**X04345-006**	
XG.2004.616.12	75-35-4	1,1 Dichloroethene	2	RPD	0 - 14	1	NA		04-12-04
XG.2004.616.12	106-46-7	1,4 Dichlorobenzene	2	RPD	0 - 11	1	NA		04-12-04
XG.2004.616.12	71-43-2	Benzene	2	RPD	0 - 13	1	NA		04-12-04
XG.2004.616.12	108-90-7	Chlorobenzene	3	RPD	0 - 11	1	NA		04-12-04
XG.2004.616.12	108-88-3	Toluene	2	RPD	0 - 13	1	NA		04-12-04
XG.2004.616.12	79-01-6	Trichloroethene	3	RPD	0 - 14	1	NA		04-12-04
X04340		**SW846 8330 Explosives by HPLC**						**X04340-007**	
XG.2004.618.27	99-35-4	1,3,5-Trinitrobenzene	19	RPD	0 - 17	25	NA		04-10-04
XG.2004.618.27	99-65-0	1,3-Dinitrobenzene	57	RPD	0 - 14	25	NA		04-10-04
XG.2004.618.27	118-96-7	2,4,6-Trinitrotoluene	62	RPD	0 - 12	25	NA		04-10-04
XG.2004.618.27	121-14-2	2,4-Dinitrotoluene	61	RPD	0 - 12	25	NA		04-10-04
XG.2004.618.27	606-20-2	2,6-Dinitrotoluene	NA	RPD	0 - 12	25	NA		04-10-04
XG.2004.618.27	355-72-78-2	2-Amino-4,6-Dinitrotoluene	58	RPD	0 - 16	25	NA		04-10-04
XG.2004.618.27	88-72-2	2-Nitrotoluene	71	RPD	0 - 13	25	NA		04-10-04
XG.2004.618.27	99-08-1	3-Nitrotoluene	77	RPD	0 - 12	25	NA		04-10-04
XG.2004.618.27	1946-51-0	4-Amino-2,6-Dinitrotoluene	65	RPD	0 - 14	25	NA		04-10-04

Assaigai Analytical Laboratories, Inc.

Quality Control Summary

Client: **LOS ALAMOS NATIONAL LABS**
Project: **7D44 JF30 0045 MGTI**
Order: **0404180 LOS17**

Explanation of codes	
D	*Not applicable due to sample dilution*
L	*Not applicable due to MDL proximity*

Type: ***MSD: Matrix Spike Duplicate Precision*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04340		**SW846 8330 Explosives by HPLC**						**X04340-007**	
XG.2004.618.27	99-99-0	4-Nitrotoluene	76	RPD	0 - 13	25	NA		04-10-04
XG.2004.618.27	2691-41-0	HMX	59	RPD	0 - 17	25	NA		04-10-04
XG.2004.618.27	98-95-3	Nitrobenzene	21	RPD	0 - 19	25	NA		04-10-04
XG.2004.618.27	121-82-4	RDX	50	RPD	0 - 18	25	NA		04-10-04
XG.2004.618.27	479-45-8	Tetryl	1	RPD	0 - 15	25	NA		04-10-04

Type: ***MSD: Matrix Spike Duplicate Accuracy*** Matrix: ***TCLP***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
M04525		**SW846 1311/3010A/6010B ICP TCLP**						**M04525-006**	
MT.2004.630.21	7440-38-2	Arsenic	< 1	% Recovery	75 - 124	20	NA		04-12-04
MT.2004.630.21	7440-39-3	Barium	99	% Recovery	87 - 116	20	NA		04-12-04
MT.2004.630.21	7440-43-9	Cadmium	70	% Recovery	92 - 117	20	NA		04-12-04
MT.2004.630.21	7440-47-3	Chromium	< 1	% Recovery	88 - 114	20	NA		04-12-04
MT.2004.630.21	7439-92-1	Lead	110	% Recovery	88 - 119	20	NA		04-12-04
MT.2004.630.21	7782-49-2	Selenium	120	% Recovery	93 - 121	20	NA		04-12-04
MT.2004.630.21	7440-22-4	Silver	< 1	% Recovery	75 - 121	20	NA		04-12-04
M04526		**SW846 1311/7470A CVAA TCLP**						**M04526-005**	
MT.2004.629.25	7439-97-6	Mercury	89	% Recovery	80 - 120	1	NA		04-12-04

Type: ***MSD: Matrix Spike Duplicate Accuracy*** Matrix: ***WATER***

Run Sequence	CAS #	Analyte	Result	Units	Range	Dilution Factor	Detection Limit	Code	Run Date
X04337		**SW846 3510B/8270C SVOCs by GC/MS**						**X04337-005**	
XG.2004.617.8	120-82-1	1,2,4-Trichlorobenzene	69	% Recovery	39 - 98	2	NA		04-09-04
XG.2004.617.8	106-46-7	1,4-Dichlorobenzene	71	% Recovery	36 - 97	2	NA		04-09-04
XG.2004.617.8	121-14-2	2,4-Dinitrotoluene	93	% Recovery	24 - 96	2	NA		04-09-04
XG.2004.617.8	95-57-8	2-Chlorophenol	74	% Recovery	27 - 121	2	NA		04-09-04
XG.2004.617.8	59-50-7	4-Chloro-3-methylphenol	60	% Recovery	23 - 97	2	NA		04-09-04
XG.2004.617.8	100-02-7	4-Nitrophenol	51	% Recovery	10 - 80	2	NA		04-09-04
XG.2004.617.8	83-32-9	Acenaphthene	92	% Recovery	46 - 118	2	NA		04-09-04
XG.2004.617.8	117-84-0	di-n-Octylphthalate	170	% Recovery	26 - 127	2	NA		04-09-04
XG.2004.617.8	621-64-7	n-Nitroso-di-n-propylamine	93	% Recovery	41 - 116	2	NA		04-09-04
XG.2004.617.8	87-86-5	Pentachlorophenol	72	% Recovery	9 - 103	2	NA		04-09-04
XG.2004.617.5	108-95-2	Phenol	52	% Recovery	12 - 89	20	NA		04-09-04
XG.2004.617.8	129-00-0	Pyrene	99	% Recovery	26 - 127	2	NA		04-09-04
X04345		**SW846 8260B Purgeable VOCs by GC/MS**						**X04345-006**	
XG.2004.616.12	75-35-4	1,1 Dichloroethene	81	% Recovery	61 - 145	1	NA		04-12-04
XG.2004.616.12	106-46-7	1,4 Dichlorobenzene	87	% Recovery	75 - 130	1	NA		04-12-04
XG.2004.616.12	71-43-2	Benzene	86	% Recovery	76 - 127	1	NA		04-12-04