



AN ENVIRONMENTAL ANALYTICAL LABORATORY

1/13/2009

Mr. Doug Herlocker

Tetra Tech

3380 Americana Terrace, Suite 201

Boise ID 83706

Project Name: BMI

Project #: 103P0333

Dear Mr. Doug Herlocker

The following report includes the data for the above referenced project for sample(s) received on 12/30/2008 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-13A are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

A handwritten signature in black ink that reads 'Kelly Buettner'. The signature is fluid and cursive, with a horizontal line extending from the end.

Kelly Buettner

Project Manager

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific



AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0812697B

Work Order Summary

CLIENT:	Mr. Doug Herlocker Tetra Tech 3380 Americana Terrace, Suite 201 Boise, ID 83706	BILL TO:	Mr. Doug Herlocker Tetra Tech 3380 Americana Terrace, Suite 201 Boise, ID 83706
PHONE:	208-389-1030	P.O. #	103P0333.005
FAX:		PROJECT #	103P0333 BMI
DATE RECEIVED:	12/30/2008	CONTACT:	Kelly Buettner
DATE COMPLETED:	01/13/2009		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
03A	OFF01-122708	Modified TO-13A
04A	OFF02-122708	Modified TO-13A
05A	Lab Blank	Modified TO-13A
06A	LCS	Modified TO-13A

CERTIFIED BY:

Laboratory Director

DATE: 01/13/09

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,

Accreditation number: E87680, Effective date: 07/01/08, Expiration date: 06/30/09

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-13A
Tetra Tech
Workorder# 0812697B

Two PUF/XAD Cartridge samples were received on December 30, 2008. The laboratory performed the analysis for polycyclic aromatic hydrocarbons in air by modified EPA Method TO-13A. The PUF/XAD samples were extracted using Pressurized Fluid Extraction (PFE) by EPA Method 3545A. The sample extract was then concentrated to 1.0 mL and analyzed by GC/MS in the full scan mode.

Method modifications taken to run these samples include:

<i>Requirement</i>	<i>TO-13A</i>	<i>ATL Modifications</i>
Extraction Solvent	10% ether in hexane for PUF; DCM for XAD sorbent. Final extract in hexane.	DCM for PUF/XAD cartridge and XAD sorbent. Final extract in DCM.
Glassware Cleaning	Muffle furnace is utilized.	Solvent cleaning procedure is used.
Extraction technique	Soxhlet extraction	Soxhlet extraction or pressurized fluid extraction (PFE).
Calibration range	0.10 to 2.5 ug/mL	1.0 ug/mL to 160 ug/mL
Field surrogates	Deuterated PAHs are spiked on media prior to sampling.	Performed by client request only.
Solvent Process Blank	Required each analytical batch.	Not performed; each solvent lot is certified prior to use.
Method Blank	<Method Detection Limit	<Reporting Limit

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reporting limit of Di-n-Octylphthalate was raised to 10 ug/mL. Changing the reporting limit may cause some previously reported compounds to be below the reporting limit and therefore reported as "not detected".

The recovery for 4-Nitrophenol in the LCS was outside the laboratory control limits. Due to the nature of PUF/XAD2 extraction, it is not possible to re-extract the associated samples. All other LCS recoveries were within allowed limits.

Sampling volume was supplied by the client. A sample volume of 150 m³ was assumed for all QC samples.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

E - Exceeds instrument calibration range.

Q - Exceeds quality control limits.

S - Saturated peak.

J - Estimated value.

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

U - Compound analyzed for but not detected above the reporting limit.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

Client Sample ID: OFF01-122708

Lab ID#: 0812697B-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.059	11	0.13
1,4-Dichlorobenzene	1.0	0.012	2.8	0.033
Naphthalene	1.0	0.012	16	0.19
2-Methylnaphthalene	1.0	0.012	9.0	0.11
Hexachlorobenzene	1.0	0.012	1.7	0.020

Client Sample ID: OFF02-122708

Lab ID#: 0812697B-04A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.035	16	0.12
1,4-Dichlorobenzene	1.0	0.0070	2.4	0.017
Naphthalene	1.0	0.0070	37	0.26
2-Methylnaphthalene	1.0	0.0070	20	0.14
Hexachlorobenzene	1.0	0.0070	1.3	0.0091



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-122708

Lab ID#: 0812697B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010523	Date of Collection:	12/27/08
Dil. Factor:	1.00	Date of Analysis:	1/5/09 06:47 PM
		Date of Extraction:	12/31/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.059	11	0.13
bis(2-Chloroethyl) Ether	1.0	0.012	Not Detected	Not Detected
2-Chlorophenol	5.0	0.059	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.012	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.012	2.8	0.033
1,2-Dichlorobenzene	1.0	0.012	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.059	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.012	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.012	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.059	Not Detected	Not Detected
Hexachloroethane	1.0	0.012	Not Detected	Not Detected
Nitrobenzene	1.0	0.012	Not Detected	Not Detected
Isophorone	1.0	0.012	Not Detected	Not Detected
2-Nitrophenol	5.0	0.059	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.059	Not Detected	Not Detected
Benzoic Acid	30	0.36	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.012	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.059	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.012	Not Detected	Not Detected
Naphthalene	1.0	0.012	16	0.19
4-Chloroaniline	10	0.12	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.012	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.059	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.012	9.0	0.11
Hexachlorocyclopentadiene	20	0.24	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.059	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.059	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.012	Not Detected	Not Detected
2-Nitroaniline	10	0.12	Not Detected	Not Detected
Dimethylphthalate	5.0	0.059	Not Detected	Not Detected
Acenaphthylene	1.0	0.012	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.059	Not Detected	Not Detected
3-Nitroaniline	10	0.12	Not Detected	Not Detected
Acenaphthene	1.0	0.012	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.24	Not Detected	Not Detected
4-Nitrophenol	20	0.24	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.059	Not Detected	Not Detected
Dibenzofuran	1.0	0.012	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-122708

Lab ID#: 0812697B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010523	Date of Collection: 12/27/08
Dil. Factor:	1.00	Date of Analysis: 1/5/09 06:47 PM
		Date of Extraction: 12/31/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.059	Not Detected	Not Detected
Fluorene	1.0	0.012	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.012	Not Detected	Not Detected
4-Nitroaniline	10	0.12	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.12	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.12	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.012	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.012	1.7	0.020
Pentachlorophenol	20	0.24	Not Detected	Not Detected
Phenanthrene	1.0	0.012	Not Detected	Not Detected
Anthracene	1.0	0.012	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.059	Not Detected	Not Detected
Fluoranthene	1.0	0.012	Not Detected	Not Detected
Pyrene	1.0	0.012	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.059	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.24	Not Detected	Not Detected
Chrysene	1.0	0.012	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.012	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.059	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.12	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.012	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.012	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.012	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.012	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.012	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.012	Not Detected	Not Detected

Air Sample Volume(L): 84300

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	98	50-150
Phenol-d5	106	50-150
Nitrobenzene-d5	98	50-150
2,4,6-Tribromophenol	99	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-122708

Lab ID#: 0812697B-03A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010523	Date of Collection: 12/27/08
Dil. Factor:	1.00	Date of Analysis: 1/5/09 06:47 PM
		Date of Extraction: 12/31/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	81	60-120
Pyrene-d10	88	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-122708

Lab ID#: 0812697B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010524	Date of Collection:	12/27/08
Dil. Factor:	1.00	Date of Analysis:	1/5/09 07:14 PM
		Date of Extraction:	12/31/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.035	16	0.12
bis(2-Chloroethyl) Ether	1.0	0.0070	Not Detected	Not Detected
2-Chlorophenol	5.0	0.035	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0070	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0070	2.4	0.017
1,2-Dichlorobenzene	1.0	0.0070	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.035	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0070	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0070	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.035	Not Detected	Not Detected
Hexachloroethane	1.0	0.0070	Not Detected	Not Detected
Nitrobenzene	1.0	0.0070	Not Detected	Not Detected
Isophorone	1.0	0.0070	Not Detected	Not Detected
2-Nitrophenol	5.0	0.035	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.035	Not Detected	Not Detected
Benzoic Acid	30	0.21	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.0070	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.035	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0070	Not Detected	Not Detected
Naphthalene	1.0	0.0070	37	0.26
4-Chloroaniline	10	0.070	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0070	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.035	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0070	20	0.14
Hexachlorocyclopentadiene	20	0.14	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.035	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.035	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0070	Not Detected	Not Detected
2-Nitroaniline	10	0.070	Not Detected	Not Detected
Dimethylphthalate	5.0	0.035	Not Detected	Not Detected
Acenaphthylene	1.0	0.0070	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.035	Not Detected	Not Detected
3-Nitroaniline	10	0.070	Not Detected	Not Detected
Acenaphthene	1.0	0.0070	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.14	Not Detected	Not Detected
4-Nitrophenol	20	0.14	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.035	Not Detected	Not Detected
Dibenzofuran	1.0	0.0070	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-122708

Lab ID#: 0812697B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010524	Date of Collection: 12/27/08
Dil. Factor:	1.00	Date of Analysis: 1/5/09 07:14 PM
		Date of Extraction: 12/31/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.035	Not Detected	Not Detected
Fluorene	1.0	0.0070	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.0070	Not Detected	Not Detected
4-Nitroaniline	10	0.070	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.070	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.070	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0070	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0070	1.3	0.0091
Pentachlorophenol	20	0.14	Not Detected	Not Detected
Phenanthrene	1.0	0.0070	Not Detected	Not Detected
Anthracene	1.0	0.0070	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.035	Not Detected	Not Detected
Fluoranthene	1.0	0.0070	Not Detected	Not Detected
Pyrene	1.0	0.0070	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.035	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.14	Not Detected	Not Detected
Chrysene	1.0	0.0070	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0070	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.035	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.070	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0070	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0070	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0070	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0070	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0070	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0070	Not Detected	Not Detected

Air Sample Volume(L): 144000

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	90	50-150
Phenol-d5	96	50-150
Nitrobenzene-d5	90	50-150
2,4,6-Tribromophenol	94	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-122708

Lab ID#: 0812697B-04A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010524	Date of Collection: 12/27/08
Dil. Factor:	1.00	Date of Analysis: 1/5/09 07:14 PM
		Date of Extraction: 12/31/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	74	60-120
Pyrene-d10	77	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812697B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010521	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/5/09 05:53 PM
		Date of Extraction: 12/31/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.033	Not Detected	Not Detected
bis(2-Chloroethyl) Ether	1.0	0.0067	Not Detected	Not Detected
2-Chlorophenol	5.0	0.033	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0067	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0067	Not Detected	Not Detected
1,2-Dichlorobenzene	1.0	0.0067	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.033	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0067	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0067	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.033	Not Detected	Not Detected
Hexachloroethane	1.0	0.0067	Not Detected	Not Detected
Nitrobenzene	1.0	0.0067	Not Detected	Not Detected
Isophorone	1.0	0.0067	Not Detected	Not Detected
2-Nitrophenol	5.0	0.033	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.033	Not Detected	Not Detected
Benzoic Acid	30	0.20	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.0067	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.033	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0067	Not Detected	Not Detected
Naphthalene	1.0	0.0067	Not Detected	Not Detected
4-Chloroaniline	10	0.067	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0067	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.033	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0067	Not Detected	Not Detected
Hexachlorocyclopentadiene	20	0.13	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.033	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.033	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0067	Not Detected	Not Detected
2-Nitroaniline	10	0.067	Not Detected	Not Detected
Dimethylphthalate	5.0	0.033	Not Detected	Not Detected
Acenaphthylene	1.0	0.0067	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.033	Not Detected	Not Detected
3-Nitroaniline	10	0.067	Not Detected	Not Detected
Acenaphthene	1.0	0.0067	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.13	Not Detected	Not Detected
4-Nitrophenol	20	0.13	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.033	Not Detected	Not Detected
Dibenzofuran	1.0	0.0067	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812697B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010521	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/5/09 05:53 PM
		Date of Extraction: 12/31/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.033	Not Detected	Not Detected
Fluorene	1.0	0.0067	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.0067	Not Detected	Not Detected
4-Nitroaniline	10	0.067	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.067	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.067	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0067	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0067	Not Detected	Not Detected
Pentachlorophenol	20	0.13	Not Detected	Not Detected
Phenanthrene	1.0	0.0067	Not Detected	Not Detected
Anthracene	1.0	0.0067	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.033	Not Detected	Not Detected
Fluoranthene	1.0	0.0067	Not Detected	Not Detected
Pyrene	1.0	0.0067	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.033	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.13	Not Detected	Not Detected
Chrysene	1.0	0.0067	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0067	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.033	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.067	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0067	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0067	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0067	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0067	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0067	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0067	Not Detected	Not Detected

Air Sample Volume(L): 150000

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
2-Fluorophenol	90	50-150
Phenol-d5	98	50-150
Nitrobenzene-d5	89	50-150
2,4,6-Tribromophenol	89	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812697B-05A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010521	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/5/09 05:53 PM
		Date of Extraction: 12/31/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	77	60-120
Pyrene-d10	84	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812697B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010522	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/5/09 06:20 PM
		Date of Extraction: 12/31/08

Compound	%Recovery
Phenol	80
bis(2-Chloroethyl) Ether	Not Spiked
2-Chlorophenol	83
1,3-Dichlorobenzene	Not Spiked
1,4-Dichlorobenzene	72
1,2-Dichlorobenzene	Not Spiked
2-Methylphenol (o-Cresol)	Not Spiked
bis(2-Chloroisopropyl) Ether	Not Spiked
N-Nitroso-di-n-propylamine	94
4-Methylphenol/3-Methylphenol	Not Spiked
Hexachloroethane	Not Spiked
Nitrobenzene	Not Spiked
Isophorone	Not Spiked
2-Nitrophenol	Not Spiked
2,4-Dimethylphenol	Not Spiked
Benzoic Acid	Not Spiked
bis(2-Chloroethoxy) Methane	Not Spiked
2,4-Dichlorophenol	Not Spiked
1,2,4-Trichlorobenzene	70
Naphthalene	Not Spiked
4-Chloroaniline	Not Spiked
Hexachlorobutadiene	Not Spiked
4-Chloro-3-methylphenol	82
2-Methylnaphthalene	Not Spiked
Hexachlorocyclopentadiene	Not Spiked
2,4,6-Trichlorophenol	Not Spiked
2,4,5-Trichlorophenol	Not Spiked
2-Chloronaphthalene	Not Spiked
2-Nitroaniline	Not Spiked
Dimethylphthalate	Not Spiked
Acenaphthylene	Not Spiked
2,6-Dinitrotoluene	Not Spiked
3-Nitroaniline	Not Spiked
Acenaphthene	75
2,4-Dinitrophenol	Not Spiked
4-Nitrophenol	37 Q
2,4-Dinitrotoluene	81
Dibenzofuran	Not Spiked



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812697B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name: v010522
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 1/5/09 06:20 PM
Date of Extraction: 12/31/08

Compound	%Recovery
Diethylphthalate	Not Spiked
Fluorene	Not Spiked
4-Chlorophenyl-phenyl Ether	Not Spiked
4-Nitroaniline	Not Spiked
4,6-Dinitro-2-methylphenol	Not Spiked
N-Nitrosodiphenylamine	Not Spiked
4-Bromophenyl-phenyl Ether	Not Spiked
Hexachlorobenzene	Not Spiked
Pentachlorophenol	44
Phenanthrene	Not Spiked
Anthracene	Not Spiked
di-n-Butylphthalate	Not Spiked
Fluoranthene	Not Spiked
Pyrene	79
Butylbenzylphthalate	Not Spiked
3,3'-Dichlorobenzidine	Not Spiked
Chrysene	Not Spiked
Benzo(a)anthracene	Not Spiked
bis(2-Ethylhexyl)phthalate	Not Spiked
Di-n-Octylphthalate	Not Spiked
Benzo(b)fluoranthene	Not Spiked
Benzo(k)fluoranthene	Not Spiked
Benzo(a)pyrene	Not Spiked
Indeno(1,2,3-c,d)pyrene	Not Spiked
Dibenz(a,h)anthracene	Not Spiked
Benzo(g,h,i)perylene	Not Spiked

Air Sample Volume(L): 150000

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
2-Fluorophenol	79	50-150
Phenol-d5	84	50-150
Nitrobenzene-d5	84	50-150
2,4,6-Tribromophenol	83	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812697B-06A

MODIFIED EPA METHOD TO-13A GC/MS FULL SCAN

File Name:	v010522	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/5/09 06:20 PM
		Date of Extraction: 12/31/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	73	60-120
Pyrene-d10	80	60-120