



AN ENVIRONMENTAL ANALYTICAL LABORATORY

12/12/2008

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 12/1/2008 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'.

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 #: 0812007B

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:	12/01/2008	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/12/2008		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
03A	OFF01-112508	Modified TO-13A
06A	OFF02-112508	Modified TO-13A
07A	Lab Blank	Modified TO-13A
08A	LCS	Modified TO-13A

CERTIFIED BY:

Laboratory Director

DATE: 12/12/08

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# 0812007B

Two PUF/XAD Cartridge samples were received on December 01, 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

A Temperature Blank was included with the shipment. Temperature was measured and was not within 4±2 °C. Coolant in the form of blue ice was present. Analysis proceeded.

Analytical Notes

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

Bis(2-Ethylhexyl)phthalate was detected in the Laboratory Blank. Due to the nature of PUF/XAD2 extraction it is not possible to re-extract the associated samples. Associated results are "B" flagged.

Sampling volume was supplied by the client. A sample volume of 120 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: OFF01-112508

Lab ID#: 0812007B-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.21	20	0.82
1,4-Dichlorobenzene	1.0	0.041	2.3	0.095
Naphthalene	1.0	0.041	17	0.69
2-Methylnaphthalene	1.0	0.041	9.2	0.38
di-n-Butylphthalate	5.0	0.21	6.3	0.26

Client Sample ID: OFF02-112508

Lab ID#: 0812007B-06A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.043	23	0.20
1,4-Dichlorobenzene	1.0	0.0086	6.0	0.051
1,2-Dichlorobenzene	1.0	0.0086	1.0	0.0086
4-Methylphenol/3-Methylphenol	5.0	0.043	9.1	0.078
Naphthalene	1.0	0.0086	44	0.38
2-Methylnaphthalene	1.0	0.0086	30	0.26
Acenaphthylene	1.0	0.0086	1.4	0.012
Hexachlorobenzene	1.0	0.0086	1.0	0.0091
Phenanthrene	1.0	0.0086	1.6	0.013
di-n-Butylphthalate	5.0	0.043	18	0.15



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-112508

Lab ID#: 0812007B-03A

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

File Name:	v120922	Date of Collection: 11/25/08
Dil. Factor:	1.00	Date of Analysis: 12/9/08 06:37 PM
		Date of Extraction: 12/2/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.21	20	0.82
bis(2-Chloroethyl) Ether	1.0	0.041	Not Detected	Not Detected
2-Chlorophenol	5.0	0.21	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.041	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.041	2.3	0.095
1,2-Dichlorobenzene	1.0	0.041	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.21	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.041	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.041	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.21	Not Detected	Not Detected
Hexachloroethane	1.0	0.041	Not Detected	Not Detected
Nitrobenzene	1.0	0.041	Not Detected	Not Detected
Isophorone	1.0	0.041	Not Detected	Not Detected
2-Nitrophenol	5.0	0.21	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.21	Not Detected	Not Detected
Benzoic Acid	30	1.2	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.041	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.21	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.041	Not Detected	Not Detected
Naphthalene	1.0	0.041	17	0.69
4-Chloroaniline	10	0.41	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.041	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.21	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.041	9.2	0.38
Hexachlorocyclopentadiene	20	0.83	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.21	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.21	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.041	Not Detected	Not Detected
2-Nitroaniline	10	0.41	Not Detected	Not Detected
Dimethylphthalate	5.0	0.21	Not Detected	Not Detected
Acenaphthylene	1.0	0.041	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.21	Not Detected	Not Detected
3-Nitroaniline	10	0.41	Not Detected	Not Detected
Acenaphthene	1.0	0.041	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.83	Not Detected	Not Detected
4-Nitrophenol	20	0.83	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.21	Not Detected	Not Detected
Dibenzofuran	1.0	0.041	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-112508

Lab ID#: 0812007B-03A

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

File Name:	v120922	Date of Collection:	11/25/08
Dil. Factor:	1.00	Date of Analysis:	12/9/08 06:37 PM
		Date of Extraction:	12/2/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.21	Not Detected	Not Detected
Fluorene	1.0	0.041	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.041	Not Detected	Not Detected
4-Nitroaniline	10	0.41	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.41	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.41	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.041	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.041	Not Detected	Not Detected
Pentachlorophenol	20	0.83	Not Detected	Not Detected
Phenanthrene	1.0	0.041	Not Detected	Not Detected
Anthracene	1.0	0.041	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.21	6.3	0.26
Fluoranthene	1.0	0.041	Not Detected	Not Detected
Pyrene	1.0	0.041	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.21	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.83	Not Detected	Not Detected
Chrysene	1.0	0.041	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.041	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.21	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.41	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.041	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.041	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.041	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.041	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.041	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.041	Not Detected	Not Detected

Air Sample Volume(L): 24200

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	94	50-150
Phenol-d5	101	50-150
Nitrobenzene-d5	92	50-150
2,4,6-Tribromophenol	96	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-112508

Lab ID#: 0812007B-03A

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

File Name:	v120922	Date of Collection: 11/25/08
Dil. Factor:	1.00	Date of Analysis: 12/9/08 06:37 PM
		Date of Extraction: 12/2/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	82	60-120
Pyrene-d10	89	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-112508

Lab ID#: 0812007B-06A

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

File Name:	v120923	Date of Collection:	11/25/08
Dil. Factor:	1.00	Date of Analysis:	12/9/08 07:04 PM
		Date of Extraction:	12/2/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.043	23	0.20
bis(2-Chloroethyl) Ether	1.0	0.0086	Not Detected	Not Detected
2-Chlorophenol	5.0	0.043	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0086	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0086	6.0	0.051
1,2-Dichlorobenzene	1.0	0.0086	1.0	0.0086
2-Methylphenol (o-Cresol)	5.0	0.043	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0086	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0086	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.043	9.1	0.078
Hexachloroethane	1.0	0.0086	Not Detected	Not Detected
Nitrobenzene	1.0	0.0086	Not Detected	Not Detected
Isophorone	1.0	0.0086	Not Detected	Not Detected
2-Nitrophenol	5.0	0.043	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.043	Not Detected	Not Detected
Benzoic Acid	30	0.26	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.0086	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.043	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0086	Not Detected	Not Detected
Naphthalene	1.0	0.0086	44	0.38
4-Chloroaniline	10	0.086	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0086	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.043	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0086	30	0.26
Hexachlorocyclopentadiene	20	0.17	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.043	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.043	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0086	Not Detected	Not Detected
2-Nitroaniline	10	0.086	Not Detected	Not Detected
Dimethylphthalate	5.0	0.043	Not Detected	Not Detected
Acenaphthylene	1.0	0.0086	1.4	0.012
2,6-Dinitrotoluene	5.0	0.043	Not Detected	Not Detected
3-Nitroaniline	10	0.086	Not Detected	Not Detected
Acenaphthene	1.0	0.0086	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.17	Not Detected	Not Detected
4-Nitrophenol	20	0.17	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.043	Not Detected	Not Detected
Dibenzofuran	1.0	0.0086	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-112508

Lab ID#: 0812007B-06A

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

File Name:	v120923	Date of Collection:	11/25/08
Dil. Factor:	1.00	Date of Analysis:	12/9/08 07:04 PM
		Date of Extraction:	12/2/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.043	Not Detected	Not Detected
Fluorene	1.0	0.0086	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.0086	Not Detected	Not Detected
4-Nitroaniline	10	0.086	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.086	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.086	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0086	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0086	1.0	0.0091
Pentachlorophenol	20	0.17	Not Detected	Not Detected
Phenanthrene	1.0	0.0086	1.6	0.013
Anthracene	1.0	0.0086	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.043	18	0.15
Fluoranthene	1.0	0.0086	Not Detected	Not Detected
Pyrene	1.0	0.0086	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.043	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.17	Not Detected	Not Detected
Chrysene	1.0	0.0086	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0086	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.043	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.086	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0086	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0086	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0086	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0086	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0086	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0086	Not Detected	Not Detected

Air Sample Volume(L): 116000

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	95	50-150
Phenol-d5	98	50-150
Nitrobenzene-d5	95	50-150
2,4,6-Tribromophenol	97	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-112508

Lab ID#: 0812007B-06A

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

File Name:	v120923	Date of Collection: 11/25/08
Dil. Factor:	1.00	Date of Analysis: 12/9/08 07:04 PM
		Date of Extraction: 12/2/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	81	60-120
Pyrene-d10	87	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812007B-07A

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

File Name:	v120912a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/9/08 02:04 PM
		Date of Extraction: 12/2/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.042	Not Detected	Not Detected
bis(2-Chloroethyl) Ether	1.0	0.0083	Not Detected	Not Detected
2-Chlorophenol	5.0	0.042	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0083	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0083	Not Detected	Not Detected
1,2-Dichlorobenzene	1.0	0.0083	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.042	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0083	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0083	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.042	Not Detected	Not Detected
Hexachloroethane	1.0	0.0083	Not Detected	Not Detected
Nitrobenzene	1.0	0.0083	Not Detected	Not Detected
Isophorone	1.0	0.0083	Not Detected	Not Detected
2-Nitrophenol	5.0	0.042	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.042	Not Detected	Not Detected
Benzoic Acid	30	0.25	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.0083	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.042	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0083	Not Detected	Not Detected
Naphthalene	1.0	0.0083	Not Detected	Not Detected
4-Chloroaniline	10	0.083	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0083	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.042	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0083	Not Detected	Not Detected
Hexachlorocyclopentadiene	20	0.17	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.042	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.042	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0083	Not Detected	Not Detected
2-Nitroaniline	10	0.083	Not Detected	Not Detected
Dimethylphthalate	5.0	0.042	Not Detected	Not Detected
Acenaphthylene	1.0	0.0083	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.042	Not Detected	Not Detected
3-Nitroaniline	10	0.083	Not Detected	Not Detected
Acenaphthene	1.0	0.0083	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.17	Not Detected	Not Detected
4-Nitrophenol	20	0.17	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.042	Not Detected	Not Detected
Dibenzofuran	1.0	0.0083	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812007B-07A

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

File Name:	v120912a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/9/08 02:04 PM
		Date of Extraction: 12/2/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.042	Not Detected	Not Detected
Fluorene	1.0	0.0083	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.0083	Not Detected	Not Detected
4-Nitroaniline	10	0.083	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.083	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.083	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0083	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0083	Not Detected	Not Detected
Pentachlorophenol	20	0.17	Not Detected	Not Detected
Phenanthrene	1.0	0.0083	Not Detected	Not Detected
Anthracene	1.0	0.0083	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.042	Not Detected	Not Detected
Fluoranthene	1.0	0.0083	Not Detected	Not Detected
Pyrene	1.0	0.0083	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.042	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.17	Not Detected	Not Detected
Chrysene	1.0	0.0083	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0083	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.042	28	0.24
Di-n-Octylphthalate	10	0.083	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0083	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0083	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0083	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0083	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0083	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0083	Not Detected	Not Detected

Air Sample Volume(L): 120000

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
2-Fluorophenol	88	50-150
Phenol-d5	99	50-150
Nitrobenzene-d5	94	50-150
2,4,6-Tribromophenol	89	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812007B-07A

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

File Name:	v120912a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/9/08 02:04 PM
		Date of Extraction: 12/2/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	84	60-120
Pyrene-d10	92	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812007B-08A

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

File Name:	v120913a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/9/08 02:32 PM
		Date of Extraction: 12/2/08

Compound	%Recovery
Phenol	89
bis(2-Chloroethyl) Ether	Not Spiked
2-Chlorophenol	93
1,3-Dichlorobenzene	Not Spiked
1,4-Dichlorobenzene	80
1,2-Dichlorobenzene	Not Spiked
2-Methylphenol (o-Cresol)	Not Spiked
bis(2-Chloroisopropyl) Ether	Not Spiked
N-Nitroso-di-n-propylamine	98
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	80
Naphthalene	Not Spiked
4-Chloroaniline	Not Spiked
Hexachlorobutadiene	Not Spiked
4-Chloro-3-methylphenol	96
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	85
2,4-Dinitrophenol	Not Spiked
4-Nitrophenol	78
2,4-Dinitrotoluene	89
Dibenzofuran	Not Spiked



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812007B-08A

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

File Name:	v120913a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/9/08 02:32 PM
		Date of Extraction: 12/2/08

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	84
Phenanthrene	Not Spiked
Anthracene	Not Spiked
di-n-Butylphthalate	Not Spiked
Fluoranthene	Not Spiked
Pyrene	88
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): 120000

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
2-Fluorophenol	88	50-150
Phenol-d5	94	50-150
Nitrobenzene-d5	94	50-150
2,4,6-Tribromophenol	94	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812007B-08A

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

File Name:	v120913a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/9/08 02:32 PM
		Date of Extraction: 12/2/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	83	60-120
Pyrene-d10	91	60-120