



AN ENVIRONMENTAL ANALYTICAL LABORATORY

12/8/2008

Mr. Doug Herlocker
Tetra Tech
3380 Americana Terrace, Suite 201

Boise ID 83706

Project Name: BMI
Project #: 103PO333

Dear Mr. Doug Herlocker

The following report includes the data for the above referenced project for sample(s) received on 11/20/2008 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



AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0811443B

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 #	103PO333 BMI
DATE RECEIVED:	11/20/2008	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/08/2008		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
03A	OFF01-111408	Modified TO-13A
05A	OFF02-111408	Modified TO-13A
08A	OFF01-111808	Modified TO-13A
11A	OFF02-111808	Modified TO-13A
12A	Lab Blank	Modified TO-13A
13A	LCS	Modified TO-13A

CERTIFIED BY:

Laboratory Director

DATE: 12/08/08

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

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE**Modified TO-13A****Tetra Tech****Workorder# 0811443B**

Four PUF/XAD Cartridge samples were received on November 20, 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 limits caused some previously reported compounds to be below the reporting limit and were therefore reported as "not detected".

Diethylphthalate and Di-n-Butylphthalate were 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.

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the

bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

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: OFF01-111408

Lab ID#: 0811443B-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.078	6.8	0.11
1,4-Dichlorobenzene	1.0	0.016	5.4	0.085
1,2-Dichlorobenzene	1.0	0.016	3.6	0.056
1,2,4-Trichlorobenzene	1.0	0.016	2.9	0.046
Naphthalene	1.0	0.016	24	0.38
2-Methylnaphthalene	1.0	0.016	17	0.26
Diethylphthalate	5.0	0.078	12 B , J	0.19 B , J
Hexachlorobenzene	1.0	0.016	2.6	0.042
Phenanthrene	1.0	0.016	1.1	0.018
di-n-Butylphthalate	5.0	0.078	11 B	0.18 B

Client Sample ID: OFF02-111408

Lab ID#: 0811443B-05A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.044	15	0.13
1,4-Dichlorobenzene	1.0	0.0089	5.5	0.049
1,2-Dichlorobenzene	1.0	0.0089	3.2	0.028
4-Methylphenol/3-Methylphenol	5.0	0.044	10	0.094
Benzoic Acid	30	0.27	33	0.30
1,2,4-Trichlorobenzene	1.0	0.0089	3.0	0.026
Naphthalene	1.0	0.0089	70	0.62
2-Methylnaphthalene	1.0	0.0089	52	0.46
Acenaphthylene	1.0	0.0089	1.0	0.0090
Diethylphthalate	5.0	0.044	8.4 B , J	0.074 B , J
Fluorene	1.0	0.0089	1.0	0.0091
Hexachlorobenzene	1.0	0.0089	3.2	0.028
Phenanthrene	1.0	0.0089	1.8	0.016
di-n-Butylphthalate	5.0	0.044	15 B	0.14 B

Client Sample ID: OFF01-111808

Lab ID#: 0811443B-08A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.074	11	0.16
1,4-Dichlorobenzene	1.0	0.015	10	0.15



AN ENVIRONMENTAL ANALYTICAL LABORATORY

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

Client Sample ID: OFF01-111808

Lab ID#: 0811443B-08A

1,2-Dichlorobenzene	1.0	0.015	3.1	0.047
4-Methylphenol/3-Methylphenol	5.0	0.074	5.1	0.075
Benzoic Acid	30	0.45	30	0.44
1,2,4-Trichlorobenzene	1.0	0.015	1.2	0.018
Naphthalene	1.0	0.015	47	0.70
2-Methylnaphthalene	1.0	0.015	33	0.49
Acenaphthylene	1.0	0.015	1.5	0.022
Diethylphthalate	5.0	0.074	7.5 B , J	0.11 B , J
Hexachlorobenzene	1.0	0.015	2.6	0.038
Phenanthrene	1.0	0.015	1.3	0.020
di-n-Butylphthalate	5.0	0.074	11 B	0.17 B

Client Sample ID: OFF02-111808

Lab ID#: 0811443B-11A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.046	14	0.12
1,4-Dichlorobenzene	1.0	0.0091	9.8	0.089
1,2-Dichlorobenzene	1.0	0.0091	2.5	0.023
4-Methylphenol/3-Methylphenol	5.0	0.046	6.5	0.059
Benzoic Acid	30	0.27	31	0.28
1,2,4-Trichlorobenzene	1.0	0.0091	1.0	0.0091
Naphthalene	1.0	0.0091	76	0.70
2-Methylnaphthalene	1.0	0.0091	55	0.50
Acenaphthylene	1.0	0.0091	1.4	0.012
Diethylphthalate	5.0	0.046	6.2 B , J	0.056 B , J
Fluorene	1.0	0.0091	1.0	0.0094
Hexachlorobenzene	1.0	0.0091	2.7	0.024
Phenanthrene	1.0	0.0091	1.6	0.014
di-n-Butylphthalate	5.0	0.046	14 B	0.12 B



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-111408

Lab ID#: 0811443B-03A

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

File Name:	v120333	Date of Collection:	11/14/08
Dil. Factor:	1.00	Date of Analysis:	12/3/08 11:40 PM
		Date of Extraction:	11/11/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.078	6.8	0.11
bis(2-Chloroethyl) Ether	1.0	0.016	Not Detected	Not Detected
2-Chlorophenol	5.0	0.078	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.016	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.016	5.4	0.085
1,2-Dichlorobenzene	1.0	0.016	3.6	0.056
2-Methylphenol (o-Cresol)	5.0	0.078	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.016	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.016	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.078	Not Detected	Not Detected
Hexachloroethane	1.0	0.016	Not Detected	Not Detected
Nitrobenzene	1.0	0.016	Not Detected	Not Detected
Isophorone	1.0	0.016	Not Detected	Not Detected
2-Nitrophenol	5.0	0.078	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.078	Not Detected	Not Detected
Benzoic Acid	30	0.47	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.016	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.078	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.016	2.9	0.046
Naphthalene	1.0	0.016	24	0.38
4-Chloroaniline	10	0.16	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.016	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.078	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.016	17	0.26
Hexachlorocyclopentadiene	20	0.31	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.078	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.078	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.016	Not Detected	Not Detected
2-Nitroaniline	10	0.16	Not Detected	Not Detected
Dimethylphthalate	5.0	0.078	Not Detected	Not Detected
Acenaphthylene	1.0	0.016	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.078	Not Detected	Not Detected
3-Nitroaniline	10	0.16	Not Detected	Not Detected
Acenaphthene	1.0	0.016	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.31	Not Detected	Not Detected
4-Nitrophenol	20	0.31	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.078	Not Detected	Not Detected
Dibenzofuran	1.0	0.016	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-111408

Lab ID#: 0811443B-03A

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

File Name:	v120333	Date of Collection: 11/14/08
Dil. Factor:	1.00	Date of Analysis: 12/3/08 11:40 PM
		Date of Extraction: 11/11/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.078	12 B , J	0.19 B , J
Fluorene	1.0	0.016	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.016	Not Detected	Not Detected
4-Nitroaniline	10	0.16	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.16	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.16	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.016	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.016	2.6	0.042
Pentachlorophenol	20	0.31	Not Detected	Not Detected
Phenanthrene	1.0	0.016	1.1	0.018
Anthracene	1.0	0.016	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.078	11 B	0.18 B
Fluoranthene	1.0	0.016	Not Detected	Not Detected
Pyrene	1.0	0.016	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.078	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.31	Not Detected	Not Detected
Chrysene	1.0	0.016	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.016	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.078	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.16	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.016	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.016	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.016	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.016	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.016	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.016	Not Detected	Not Detected

Air Sample Volume(L): 63600

B = Compound present in laboratory blank greater than reporting limit, background subtraction not performed.

J = Estimated value due to bias in the CCV.

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	91	50-150
Phenol-d5	96	50-150
Nitrobenzene-d5	90	50-150
2,4,6-Tribromophenol	94	50-150
Fluorene-d10	82	60-120
Pyrene-d10	85	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-111408

Lab ID#: 0811443B-03A

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

File Name:	v120333	Date of Collection: 11/14/08
Dil. Factor:	1.00	Date of Analysis: 12/3/08 11:40 PM
		Date of Extraction: 11/11/08



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-111408

Lab ID#: 0811443B-05A

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

File Name:	v120334	Date of Collection: 11/14/08
Dil. Factor:	1.00	Date of Analysis: 12/4/08 12:07 AM
		Date of Extraction: 11/11/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.044	15	0.13
bis(2-Chloroethyl) Ether	1.0	0.0089	Not Detected	Not Detected
2-Chlorophenol	5.0	0.044	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0089	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0089	5.5	0.049
1,2-Dichlorobenzene	1.0	0.0089	3.2	0.028
2-Methylphenol (o-Cresol)	5.0	0.044	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0089	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0089	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.044	10	0.094
Hexachloroethane	1.0	0.0089	Not Detected	Not Detected
Nitrobenzene	1.0	0.0089	Not Detected	Not Detected
Isophorone	1.0	0.0089	Not Detected	Not Detected
2-Nitrophenol	5.0	0.044	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.044	Not Detected	Not Detected
Benzoic Acid	30	0.27	33	0.30
bis(2-Chloroethoxy) Methane	1.0	0.0089	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.044	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0089	3.0	0.026
Naphthalene	1.0	0.0089	70	0.62
4-Chloroaniline	10	0.089	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0089	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.044	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0089	52	0.46
Hexachlorocyclopentadiene	20	0.18	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.044	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.044	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0089	Not Detected	Not Detected
2-Nitroaniline	10	0.089	Not Detected	Not Detected
Dimethylphthalate	5.0	0.044	Not Detected	Not Detected
Acenaphthylene	1.0	0.0089	1.0	0.0090
2,6-Dinitrotoluene	5.0	0.044	Not Detected	Not Detected
3-Nitroaniline	10	0.089	Not Detected	Not Detected
Acenaphthene	1.0	0.0089	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.18	Not Detected	Not Detected
4-Nitrophenol	20	0.18	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.044	Not Detected	Not Detected
Dibenzofuran	1.0	0.0089	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-111408

Lab ID#: 0811443B-05A

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

File Name:	v120334	Date of Collection: 11/14/08
Dil. Factor:	1.00	Date of Analysis: 12/4/08 12:07 AM
		Date of Extraction: 11/11/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.044	8.4 B , J	0.074 B , J
Fluorene	1.0	0.0089	1.0	0.0091
4-Chlorophenyl-phenyl Ether	1.0	0.0089	Not Detected	Not Detected
4-Nitroaniline	10	0.089	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.089	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.089	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0089	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0089	3.2	0.028
Pentachlorophenol	20	0.18	Not Detected	Not Detected
Phenanthrene	1.0	0.0089	1.8	0.016
Anthracene	1.0	0.0089	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.044	15 B	0.14 B
Fluoranthene	1.0	0.0089	Not Detected	Not Detected
Pyrene	1.0	0.0089	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.044	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.18	Not Detected	Not Detected
Chrysene	1.0	0.0089	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0089	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.044	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.089	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0089	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0089	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0089	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0089	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0089	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0089	Not Detected	Not Detected

Air Sample Volume(L): 113000

B = Compound present in laboratory blank greater than reporting limit, background subtraction not performed.

J = Estimated value due to bias in the CCV.

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	93	50-150
Phenol-d5	98	50-150
Nitrobenzene-d5	91	50-150
2,4,6-Tribromophenol	100	50-150
Fluorene-d10	84	60-120
Pyrene-d10	88	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-111408

Lab ID#: 0811443B-05A

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

File Name:	v120334	Date of Collection: 11/14/08
Dil. Factor:	1.00	Date of Analysis: 12/4/08 12:07 AM
		Date of Extraction: 11/11/08



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-111808

Lab ID#: 0811443B-08A

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

File Name:	v120335	Date of Collection:	11/18/08	
Dil. Factor:	1.00	Date of Analysis:	12/4/08 12:34 AM	
		Date of Extraction:	11/11/08	
Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.074	11	0.16
bis(2-Chloroethyl) Ether	1.0	0.015	Not Detected	Not Detected
2-Chlorophenol	5.0	0.074	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.015	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.015	10	0.15
1,2-Dichlorobenzene	1.0	0.015	3.1	0.047
2-Methylphenol (o-Cresol)	5.0	0.074	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.015	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.015	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.074	5.1	0.075
Hexachloroethane	1.0	0.015	Not Detected	Not Detected
Nitrobenzene	1.0	0.015	Not Detected	Not Detected
Isophorone	1.0	0.015	Not Detected	Not Detected
2-Nitrophenol	5.0	0.074	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.074	Not Detected	Not Detected
Benzoic Acid	30	0.45	30	0.44
bis(2-Chloroethoxy) Methane	1.0	0.015	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.074	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.015	1.2	0.018
Naphthalene	1.0	0.015	47	0.70
4-Chloroaniline	10	0.15	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.015	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.074	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.015	33	0.49
Hexachlorocyclopentadiene	20	0.30	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.074	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.074	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.015	Not Detected	Not Detected
2-Nitroaniline	10	0.15	Not Detected	Not Detected
Dimethylphthalate	5.0	0.074	Not Detected	Not Detected
Acenaphthylene	1.0	0.015	1.5	0.022
2,6-Dinitrotoluene	5.0	0.074	Not Detected	Not Detected
3-Nitroaniline	10	0.15	Not Detected	Not Detected
Acenaphthene	1.0	0.015	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.30	Not Detected	Not Detected
4-Nitrophenol	20	0.30	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.074	Not Detected	Not Detected
Dibenzofuran	1.0	0.015	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-111808

Lab ID#: 0811443B-08A

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

File Name:	v120335	Date of Collection: 11/18/08
Dil. Factor:	1.00	Date of Analysis: 12/4/08 12:34 AM
		Date of Extraction: 11/11/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.074	7.5 B , J	0.11 B , J
Fluorene	1.0	0.015	Not Detected	Not Detected
4-Chlorophenyl-phenyl Ether	1.0	0.015	Not Detected	Not Detected
4-Nitroaniline	10	0.15	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.15	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.15	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.015	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.015	2.6	0.038
Pentachlorophenol	20	0.30	Not Detected	Not Detected
Phenanthrene	1.0	0.015	1.3	0.020
Anthracene	1.0	0.015	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.074	11 B	0.17 B
Fluoranthene	1.0	0.015	Not Detected	Not Detected
Pyrene	1.0	0.015	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.074	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.30	Not Detected	Not Detected
Chrysene	1.0	0.015	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.015	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.074	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.15	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.015	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.015	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.015	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.015	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.015	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.015	Not Detected	Not Detected

Air Sample Volume(L): 67100

B = Compound present in laboratory blank greater than reporting limit, background subtraction not performed.

J = Estimated value due to bias in the CCV.

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	94	50-150
Phenol-d5	98	50-150
Nitrobenzene-d5	96	50-150
2,4,6-Tribromophenol	96	50-150
Fluorene-d10	86	60-120
Pyrene-d10	89	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-111808

Lab ID#: 0811443B-08A

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

File Name:	v120335	Date of Collection: 11/18/08
Dil. Factor:	1.00	Date of Analysis: 12/4/08 12:34 AM
		Date of Extraction: 11/11/08



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-111808

Lab ID#: 0811443B-11A

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

File Name:	v120336	Date of Collection:	11/18/08
Dil. Factor:	1.00	Date of Analysis:	12/4/08 01:02 AM
		Date of Extraction:	11/11/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.046	14	0.12
bis(2-Chloroethyl) Ether	1.0	0.0091	Not Detected	Not Detected
2-Chlorophenol	5.0	0.046	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0091	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0091	9.8	0.089
1,2-Dichlorobenzene	1.0	0.0091	2.5	0.023
2-Methylphenol (o-Cresol)	5.0	0.046	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0091	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0091	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.046	6.5	0.059
Hexachloroethane	1.0	0.0091	Not Detected	Not Detected
Nitrobenzene	1.0	0.0091	Not Detected	Not Detected
Isophorone	1.0	0.0091	Not Detected	Not Detected
2-Nitrophenol	5.0	0.046	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.046	Not Detected	Not Detected
Benzoic Acid	30	0.27	31	0.28
bis(2-Chloroethoxy) Methane	1.0	0.0091	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.046	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0091	1.0	0.0091
Naphthalene	1.0	0.0091	76	0.70
4-Chloroaniline	10	0.091	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0091	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.046	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0091	55	0.50
Hexachlorocyclopentadiene	20	0.18	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.046	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.046	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.0091	Not Detected	Not Detected
2-Nitroaniline	10	0.091	Not Detected	Not Detected
Dimethylphthalate	5.0	0.046	Not Detected	Not Detected
Acenaphthylene	1.0	0.0091	1.4	0.012
2,6-Dinitrotoluene	5.0	0.046	Not Detected	Not Detected
3-Nitroaniline	10	0.091	Not Detected	Not Detected
Acenaphthene	1.0	0.0091	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.18	Not Detected	Not Detected
4-Nitrophenol	20	0.18	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.046	Not Detected	Not Detected
Dibenzofuran	1.0	0.0091	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-111808

Lab ID#: 0811443B-11A

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

File Name:	v120336	Date of Collection: 11/18/08
Dil. Factor:	1.00	Date of Analysis: 12/4/08 01:02 AM
		Date of Extraction: 11/11/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.046	6.2 B , J	0.056 B , J
Fluorene	1.0	0.0091	1.0	0.0094
4-Chlorophenyl-phenyl Ether	1.0	0.0091	Not Detected	Not Detected
4-Nitroaniline	10	0.091	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.091	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.091	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0091	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0091	2.7	0.024
Pentachlorophenol	20	0.18	Not Detected	Not Detected
Phenanthrene	1.0	0.0091	1.6	0.014
Anthracene	1.0	0.0091	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.046	14 B	0.12 B
Fluoranthene	1.0	0.0091	Not Detected	Not Detected
Pyrene	1.0	0.0091	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.046	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.18	Not Detected	Not Detected
Chrysene	1.0	0.0091	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0091	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.046	Not Detected	Not Detected
Di-n-Octylphthalate	10	0.091	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0091	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0091	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0091	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0091	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0091	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0091	Not Detected	Not Detected

Air Sample Volume(L): 110000

B = Compound present in laboratory blank greater than reporting limit, background subtraction not performed.

J = Estimated value due to bias in the CCV.

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	94	50-150
Phenol-d5	97	50-150
Nitrobenzene-d5	96	50-150
2,4,6-Tribromophenol	96	50-150
Fluorene-d10	84	60-120
Pyrene-d10	88	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-111808

Lab ID#: 0811443B-11A

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

File Name:	v120336	Date of Collection: 11/18/08
Dil. Factor:	1.00	Date of Analysis: 12/4/08 01:02 AM
		Date of Extraction: 11/11/08



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0811443B-12A

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

File Name:	v120331	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/08 10:46 PM
		Date of Extraction: 11/11/08

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#: 0811443B-12A

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

File Name:	v120331	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/08 10:46 PM
		Date of Extraction: 11/11/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.042	7.2	0.060
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	7.2	0.060
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	Not Detected	Not Detected
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	87	50-150
Phenol-d5	95	50-150
Nitrobenzene-d5	84	50-150
2,4,6-Tribromophenol	88	50-150
Fluorene-d10	80	60-120
Pyrene-d10	85	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0811443B-13A

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

File Name:	v120332	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/08 11:13 PM
		Date of Extraction: 11/11/08

Compound	%Recovery
Phenol	81
bis(2-Chloroethyl) Ether	Not Spiked
2-Chlorophenol	84
1,3-Dichlorobenzene	Not Spiked
1,4-Dichlorobenzene	74
1,2-Dichlorobenzene	Not Spiked
2-Methylphenol (o-Cresol)	Not Spiked
bis(2-Chloroisopropyl) Ether	Not Spiked
N-Nitroso-di-n-propylamine	86
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	74
Naphthalene	Not Spiked
4-Chloroaniline	Not Spiked
Hexachlorobutadiene	Not Spiked
4-Chloro-3-methylphenol	88
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	79
2,4-Dinitrophenol	Not Spiked
4-Nitrophenol	68
2,4-Dinitrotoluene	78
Dibenzofuran	Not Spiked



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0811443B-13A

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

File Name: v120332
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 12/3/08 11:13 PM
Date of Extraction: 11/11/08

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	81
Phenanthrene	Not Spiked
Anthracene	Not Spiked
di-n-Butylphthalate	Not Spiked
Fluoranthene	Not Spiked
Pyrene	83
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	78	50-150
Phenol-d5	82	50-150
Nitrobenzene-d5	82	50-150
2,4,6-Tribromophenol	84	50-150
Fluorene-d10	76	60-120
Pyrene-d10	84	60-120