



AN ENVIRONMENTAL ANALYTICAL LABORATORY

12/29/2008

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 12/5/2008 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 #: 0812153B

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:	12/05/2008	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/29/2008		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
03A	OFF01-120208	Modified TO-13A
06A	OFF02-120208	Modified TO-13A
07A	Lab Blank	Modified TO-13A
08A	LCS	Modified TO-13A

CERTIFIED BY:

Laboratory Director

DATE: 12/29/08

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# 0812153B

Two PUF/XAD Cartridge samples were received on December 05, 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 may cause some previously reported compounds to be below the reporting limit and 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 110 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: OFF01-120208

Lab ID#: 0812153B-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.066	17	0.22
1,4-Dichlorobenzene	1.0	0.013	11	0.14
1,2-Dichlorobenzene	1.0	0.013	2.5	0.033
4-Methylphenol/3-Methylphenol	5.0	0.066	8.0	0.11
1,2,4-Trichlorobenzene	1.0	0.013	7.2	0.096
Naphthalene	1.0	0.013	50	0.67
2-Methylnaphthalene	1.0	0.013	34	0.45
Acenaphthylene	1.0	0.013	1.9	0.025
Dibenzofuran	1.0	0.013	1.1	0.014
Diethylphthalate	5.0	0.066	6.8	0.090
Fluorene	1.0	0.013	1.2	0.016
Hexachlorobenzene	1.0	0.013	15	0.20
Phenanthrene	1.0	0.013	1.9	0.025
di-n-Butylphthalate	5.0	0.066	12	0.16
bis(2-Ethylhexyl)phthalate	5.0	0.066	20 B	0.27 B

Client Sample ID: OFF02-120208

Lab ID#: 0812153B-06A

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.046	22	0.20
1,4-Dichlorobenzene	1.0	0.0092	10	0.096
1,2-Dichlorobenzene	1.0	0.0092	2.3	0.021
4-Methylphenol/3-Methylphenol	5.0	0.046	9.1	0.083
1,2,4-Trichlorobenzene	1.0	0.0092	6.0	0.055
Naphthalene	1.0	0.0092	68	0.63
2-Methylnaphthalene	1.0	0.0092	45	0.41
Acenaphthylene	1.0	0.0092	2.2	0.020
Dibenzofuran	1.0	0.0092	1.1	0.010
Diethylphthalate	5.0	0.046	5.8	0.053
Fluorene	1.0	0.0092	1.3	0.012
Hexachlorobenzene	1.0	0.0092	13	0.12
Phenanthrene	1.0	0.0092	1.8	0.016
di-n-Butylphthalate	5.0	0.046	6.0	0.054
bis(2-Ethylhexyl)phthalate	5.0	0.046	40 B	0.37 B



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-120208

Lab ID#: 0812153B-03A

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

File Name:	v121207	Date of Collection:	12/2/08	
Dil. Factor:	1.00	Date of Analysis:	12/12/08 11:01 AM	
		Date of Extraction:	12/8/08	
Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.066	17	0.22
bis(2-Chloroethyl) Ether	1.0	0.013	Not Detected	Not Detected
2-Chlorophenol	5.0	0.066	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.013	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.013	11	0.14
1,2-Dichlorobenzene	1.0	0.013	2.5	0.033
2-Methylphenol (o-Cresol)	5.0	0.066	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.013	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.013	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.066	8.0	0.11
Hexachloroethane	1.0	0.013	Not Detected	Not Detected
Nitrobenzene	1.0	0.013	Not Detected	Not Detected
Isophorone	1.0	0.013	Not Detected	Not Detected
2-Nitrophenol	5.0	0.066	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.066	Not Detected	Not Detected
Benzoic Acid	30	0.40	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.013	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.066	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.013	7.2	0.096
Naphthalene	1.0	0.013	50	0.67
4-Chloroaniline	10	0.13	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.013	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.066	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.013	34	0.45
Hexachlorocyclopentadiene	20	0.26	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.066	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.066	Not Detected	Not Detected
2-Chloronaphthalene	1.0	0.013	Not Detected	Not Detected
2-Nitroaniline	10	0.13	Not Detected	Not Detected
Dimethylphthalate	5.0	0.066	Not Detected	Not Detected
Acenaphthylene	1.0	0.013	1.9	0.025
2,6-Dinitrotoluene	5.0	0.066	Not Detected	Not Detected
3-Nitroaniline	10	0.13	Not Detected	Not Detected
Acenaphthene	1.0	0.013	Not Detected	Not Detected
2,4-Dinitrophenol	20	0.26	Not Detected	Not Detected
4-Nitrophenol	20	0.26	Not Detected	Not Detected
2,4-Dinitrotoluene	5.0	0.066	Not Detected	Not Detected
Dibenzofuran	1.0	0.013	1.1	0.014



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-120208

Lab ID#: 0812153B-03A

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

File Name:	v121207	Date of Collection:	12/2/08
Dil. Factor:	1.00	Date of Analysis:	12/12/08 11:01 AM
		Date of Extraction:	12/8/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.066	6.8	0.090
Fluorene	1.0	0.013	1.2	0.016
4-Chlorophenyl-phenyl Ether	1.0	0.013	Not Detected	Not Detected
4-Nitroaniline	10	0.13	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.13	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.13	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.013	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.013	15	0.20
Pentachlorophenol	20	0.26	Not Detected	Not Detected
Phenanthrene	1.0	0.013	1.9	0.025
Anthracene	1.0	0.013	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.066	12	0.16
Fluoranthene	1.0	0.013	Not Detected	Not Detected
Pyrene	1.0	0.013	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.066	Not Detected	Not Detected
3,3'-Dichlorobenzidine	20	0.26	Not Detected	Not Detected
Chrysene	1.0	0.013	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.013	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.066	20 B	0.27 B
Di-n-Octylphthalate	10	0.13	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.013	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.013	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.013	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.013	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.013	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.013	Not Detected	Not Detected

Air Sample Volume(L): 75500

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

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	94	50-150
Phenol-d5	97	50-150
Nitrobenzene-d5	97	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF01-120208

Lab ID#: 0812153B-03A

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

File Name:	v121207	Date of Collection: 12/2/08
Dil. Factor:	1.00	Date of Analysis: 12/12/08 11:01 AM
		Date of Extraction: 12/8/08

Surrogates	%Recovery	Method Limits
2,4,6-Tribromophenol	94	50-150
Fluorene-d10	83	60-120
Pyrene-d10	88	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-120208

Lab ID#: 0812153B-06A

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

File Name:	v121208	Date of Collection:	12/2/08	
Dil. Factor:	1.00	Date of Analysis:	12/12/08 11:29 AM	
		Date of Extraction:	12/8/08	
Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.046	22	0.20
bis(2-Chloroethyl) Ether	1.0	0.0092	Not Detected	Not Detected
2-Chlorophenol	5.0	0.046	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0092	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0092	10	0.096
1,2-Dichlorobenzene	1.0	0.0092	2.3	0.021
2-Methylphenol (o-Cresol)	5.0	0.046	Not Detected	Not Detected
bis(2-Chloroisopropyl) Ether	1.0	0.0092	Not Detected	Not Detected
N-Nitroso-di-n-propylamine	1.0	0.0092	Not Detected	Not Detected
4-Methylphenol/3-Methylphenol	5.0	0.046	9.1	0.083
Hexachloroethane	1.0	0.0092	Not Detected	Not Detected
Nitrobenzene	1.0	0.0092	Not Detected	Not Detected
Isophorone	1.0	0.0092	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	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.0092	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.046	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0092	6.0	0.055
Naphthalene	1.0	0.0092	68	0.63
4-Chloroaniline	10	0.092	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0092	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.046	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0092	45	0.41
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	0.0092	Not Detected	Not Detected
2-Nitroaniline	10	0.092	Not Detected	Not Detected
Dimethylphthalate	5.0	0.046	Not Detected	Not Detected
Acenaphthylene	1.0	0.0092	2.2	0.020
2,6-Dinitrotoluene	5.0	0.046	Not Detected	Not Detected
3-Nitroaniline	10	0.092	Not Detected	Not Detected
Acenaphthene	1.0	0.0092	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	0.0092	1.1	0.010



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-120208

Lab ID#: 0812153B-06A

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

File Name:	v121208	Date of Collection:	12/2/08
Dil. Factor:	1.00	Date of Analysis:	12/12/08 11:29 AM
		Date of Extraction:	12/8/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.046	5.8	0.053
Fluorene	1.0	0.0092	1.3	0.012
4-Chlorophenyl-phenyl Ether	1.0	0.0092	Not Detected	Not Detected
4-Nitroaniline	10	0.092	Not Detected	Not Detected
4,6-Dinitro-2-methylphenol	10	0.092	Not Detected	Not Detected
N-Nitrosodiphenylamine	10	0.092	Not Detected	Not Detected
4-Bromophenyl-phenyl Ether	1.0	0.0092	Not Detected	Not Detected
Hexachlorobenzene	1.0	0.0092	13	0.12
Pentachlorophenol	20	0.18	Not Detected	Not Detected
Phenanthrene	1.0	0.0092	1.8	0.016
Anthracene	1.0	0.0092	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.046	6.0	0.054
Fluoranthene	1.0	0.0092	Not Detected	Not Detected
Pyrene	1.0	0.0092	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	0.0092	Not Detected	Not Detected
Benzo(a)anthracene	1.0	0.0092	Not Detected	Not Detected
bis(2-Ethylhexyl)phthalate	5.0	0.046	40 B	0.37 B
Di-n-Octylphthalate	10	0.092	Not Detected	Not Detected
Benzo(b)fluoranthene	1.0	0.0092	Not Detected	Not Detected
Benzo(k)fluoranthene	1.0	0.0092	Not Detected	Not Detected
Benzo(a)pyrene	1.0	0.0092	Not Detected	Not Detected
Indeno(1,2,3-c,d)pyrene	1.0	0.0092	Not Detected	Not Detected
Dibenz(a,h)anthracene	1.0	0.0092	Not Detected	Not Detected
Benzo(g,h,i)perylene	1.0	0.0092	Not Detected	Not Detected

Air Sample Volume(L): 109000

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

Container Type: PUF/XAD Cartridge

Surrogates	%Recovery	Method Limits
2-Fluorophenol	93	50-150
Phenol-d5	95	50-150
Nitrobenzene-d5	97	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: OFF02-120208

Lab ID#: 0812153B-06A

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

File Name:	v121208	Date of Collection: 12/2/08
Dil. Factor:	1.00	Date of Analysis: 12/12/08 11:29 AM
		Date of Extraction: 12/8/08

Surrogates	%Recovery	Method Limits
2,4,6-Tribromophenol	96	50-150
Fluorene-d10	84	60-120
Pyrene-d10	89	60-120



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812153B-07A

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

File Name:	v121215	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/12/08 02:40 PM
		Date of Extraction: 12/8/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Phenol	5.0	0.045	Not Detected	Not Detected
bis(2-Chloroethyl) Ether	1.0	0.0091	Not Detected	Not Detected
2-Chlorophenol	5.0	0.045	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	0.0091	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	0.0091	Not Detected	Not Detected
1,2-Dichlorobenzene	1.0	0.0091	Not Detected	Not Detected
2-Methylphenol (o-Cresol)	5.0	0.045	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	0.045	Not Detected	Not Detected
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	0.045	Not Detected	Not Detected
2,4-Dimethylphenol	5.0	0.045	Not Detected	Not Detected
Benzoic Acid	30	0.27	Not Detected	Not Detected
bis(2-Chloroethoxy) Methane	1.0	0.0091	Not Detected	Not Detected
2,4-Dichlorophenol	5.0	0.045	Not Detected	Not Detected
1,2,4-Trichlorobenzene	1.0	0.0091	Not Detected	Not Detected
Naphthalene	1.0	0.0091	Not Detected	Not Detected
4-Chloroaniline	10	0.091	Not Detected	Not Detected
Hexachlorobutadiene	1.0	0.0091	Not Detected	Not Detected
4-Chloro-3-methylphenol	5.0	0.045	Not Detected	Not Detected
2-Methylnaphthalene	1.0	0.0091	Not Detected	Not Detected
Hexachlorocyclopentadiene	20	0.18	Not Detected	Not Detected
2,4,6-Trichlorophenol	5.0	0.045	Not Detected	Not Detected
2,4,5-Trichlorophenol	5.0	0.045	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	0.045	Not Detected	Not Detected
Acenaphthylene	1.0	0.0091	Not Detected	Not Detected
2,6-Dinitrotoluene	5.0	0.045	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	0.045	Not Detected	Not Detected
Dibenzofuran	1.0	0.0091	Not Detected	Not Detected



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812153B-07A

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

File Name:	v121215	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/12/08 02:40 PM
		Date of Extraction: 12/8/08

Compound	Rpt. Limit (ug)	Rpt. Limit (uG/m3)	Amount (ug)	Amount (uG/m3)
Diethylphthalate	5.0	0.045	Not Detected	Not Detected
Fluorene	1.0	0.0091	Not Detected	Not Detected
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	Not Detected	Not Detected
Pentachlorophenol	20	0.18	Not Detected	Not Detected
Phenanthrene	1.0	0.0091	Not Detected	Not Detected
Anthracene	1.0	0.0091	Not Detected	Not Detected
di-n-Butylphthalate	5.0	0.045	Not Detected	Not Detected
Fluoranthene	1.0	0.0091	Not Detected	Not Detected
Pyrene	1.0	0.0091	Not Detected	Not Detected
Butylbenzylphthalate	5.0	0.045	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	0.045	6.8	0.061
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

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
2-Fluorophenol	94	50-150
Phenol-d5	100	50-150
Nitrobenzene-d5	92	50-150
2,4,6-Tribromophenol	90	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0812153B-07A

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

File Name:	v121215	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/12/08 02:40 PM
		Date of Extraction: 12/8/08

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



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812153B-08A

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

File Name:	v121206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/12/08 10:34 AM
		Date of Extraction: 12/8/08

Compound	%Recovery
Phenol	87
bis(2-Chloroethyl) Ether	Not Spiked
2-Chlorophenol	87
1,3-Dichlorobenzene	Not Spiked
1,4-Dichlorobenzene	77
1,2-Dichlorobenzene	Not Spiked
2-Methylphenol (o-Cresol)	Not Spiked
bis(2-Chloroisopropyl) Ether	Not Spiked
N-Nitroso-di-n-propylamine	96
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	78
Naphthalene	Not Spiked
4-Chloroaniline	Not Spiked
Hexachlorobutadiene	Not Spiked
4-Chloro-3-methylphenol	87
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	84
2,4-Dinitrophenol	Not Spiked
4-Nitrophenol	68
2,4-Dinitrotoluene	86
Dibenzofuran	Not Spiked



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812153B-08A

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

File Name:	v121206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/12/08 10:34 AM
		Date of Extraction: 12/8/08

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	78
Phenanthrene	Not Spiked
Anthracene	Not Spiked
di-n-Butylphthalate	Not Spiked
Fluoranthene	Not Spiked
Pyrene	89
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): 110000

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
2-Fluorophenol	78	50-150
Phenol-d5	84	50-150
Nitrobenzene-d5	88	50-150
2,4,6-Tribromophenol	82	50-150



AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0812153B-08A

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

File Name:	v121206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/12/08 10:34 AM
		Date of Extraction: 12/8/08

Surrogates	%Recovery	Method Limits
Fluorene-d10	77	60-120
Pyrene-d10	85	60-120