

Appendix B
VOC Laboratory Reports (Second Round)

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

WORK ORDER #: 0511185

Work Order Summary

CLIENT: Mr. Stephen Bowly
URS Australia
Level 3 116 Miller St.
North Sydney, NSW, Australia 2060

BILL TO: Mr. Stephen Bowly
URS Australia
Level 3 116 Miller St.
North Sydney, NSW, Australia 2060


PHONE: **P.O. #**

FAX: **PROJECT #** 43217288 Orica Community Air Sampling

DATE RECEIVED: 11/09/2005 **CONTACT:** Nicole Danbacher

DATE COMPLETED: 11/20/2005

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>
01A	AB1	Modified TO-15	4.5 "Hg
02A	AB2	Modified TO-15	5.0 "Hg
03A	AB3	Modified TO-15	6.5 "Hg
04A	AB4	Modified TO-15	7.0 "Hg
05A	QC1	Modified TO-15	8.5 "Hg
05AA	QC1 Duplicate	Modified TO-15	8.5 "Hg
06A	Lab Blank	Modified TO-15	NA
07A	CCV	Modified TO-15	NA
08A	LCS	Modified TO-15	NA

CERTIFIED BY:  DATE: 11/21/05

Laboratory Director

Certification numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06

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-15
URS Australia
Workorder# 0511185

Five 6 Liter Summa Canister (100% Certified) samples were received on November 09, 2005. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples include:

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Blank and standards	Zero air	Nitrogen
Dilutions for initial calibration	Dynamic dilutions or static using canisters.	Syringe dilutions may also be utilized.
BFB acceptance criteria	CLP protocol	SW-846 protocol
Daily Calibration	+/- 30% Difference	<= 30% Difference with four allowed out up to <=40%.; flag and narrate outliers
ICAL %RSD acceptance criteria	+/- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

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 indicates as follows:

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

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

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

UJ- Non-detected compound associated with low bias in the CCV

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

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Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: AB1

Lab ID#: 0511185-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Acetone	20	820	47	2000
Toluene	4.0	9.8	15	37

Client Sample ID: AB2

Lab ID#: 0511185-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Acetone	16	790	38	1900
Toluene	3.2	6.1	12	23

Client Sample ID: AB3

Lab ID#: 0511185-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.17	0.56	0.84	2.7
Chloromethane	0.17	0.49	0.35	1.0
Freon 11	0.17	0.28	0.96	1.6
Ethanol	0.86	3.6	1.6	6.7
Acetone	0.86	8.1	2.0	19
2-Butanone (Methyl Ethyl Ketone)	0.86	3.1	2.5	9.1
Toluene	0.17	0.52	0.64	2.0
Ethyl Benzene	0.17	0.19	0.74	0.82
m,p-Xylene	0.17	0.44	0.74	1.9

Client Sample ID: AB4

Lab ID#: 0511185-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.44	0.61	2.2	3.0
Chloromethane	0.44	0.63	0.90	1.3
Ethanol	2.2	6.7	4.1	13
Acetone	2.2	200 E	5.2	470 E
Benzene	0.44	1.1	1.4	3.5
Toluene	0.44	3.6	1.6	13
m,p-Xylene	0.44	1.6	1.9	6.8
o-Xylene	0.44	0.53	1.9	2.3
1,2,4-Trimethylbenzene	0.44	0.62	2.2	3.1

Client Sample ID: QC1

Lab ID#: 0511185-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.19	0.58	0.92	2.8
Chloromethane	0.19	0.51	0.39	1.0
Freon 11	0.19	0.26	1.0	1.4
Ethanol	0.94	2.0	1.8	3.7
Acetone	0.94	5.2	2.2	12
2-Butanone (Methyl Ethyl Ketone)	0.94	2.1	2.8	6.3
Benzene	0.19	0.18 J	0.60	0.58 J
Toluene	0.19	0.58	0.70	2.2
Ethyl Benzene	0.19	0.19	0.81	0.83
m,p-Xylene	0.19	0.48	0.81	2.1

Client Sample ID: QC1 Duplicate

Lab ID#: 0511185-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.19	0.55	0.92	2.7
Chloromethane	0.19	0.52	0.39	1.1
Freon 11	0.19	0.27	1.0	1.5
Ethanol	0.94	2.1	1.8	4.0
Acetone	0.94	5.2	2.2	12
2-Butanone (Methyl Ethyl Ketone)	0.94	1.9	2.8	5.6
Benzene	0.19	0.18 J	0.60	0.59 J
Toluene	0.19	0.56	0.70	2.1
Ethyl Benzene	0.19	0.18 J	0.81	0.80 J
m,p-Xylene	0.19	0.44	0.81	1.9

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Client Sample ID: AB1

Lab ID#: 0511185-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111011	Date of Collection:	10/19/05
Dil. Factor:	39.5	Date of Analysis:	11/10/05 09:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.0	Not Detected	20	Not Detected
Freon 114	4.0	Not Detected	28	Not Detected
Chloromethane	4.0	Not Detected	8.2	Not Detected
Vinyl Chloride	4.0	Not Detected	10	Not Detected
1,3-Butadiene	20	Not Detected	44	Not Detected
Bromomethane	4.0	Not Detected	15	Not Detected
Chloroethane	4.0	Not Detected	10	Not Detected
Freon 11	4.0	Not Detected	22	Not Detected
Ethanol	20	Not Detected	37	Not Detected
Freon 113	4.0	Not Detected	30	Not Detected
1,1-Dichloroethene	4.0	Not Detected	16	Not Detected
Acetone	20	820	47	2000
2-Propanol	20	Not Detected	48	Not Detected
Carbon Disulfide	20	Not Detected	62	Not Detected
Methylene Chloride	7.9	Not Detected	27	Not Detected
Methyl tert-butyl ether	20	Not Detected	71	Not Detected
trans-1,2-Dichloroethene	20	Not Detected	78	Not Detected
Hexane	20	Not Detected	70	Not Detected
1,1-Dichloroethane	4.0	Not Detected	16	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	58	Not Detected
cis-1,2-Dichloroethene	4.0	Not Detected	16	Not Detected
Tetrahydrofuran	20	Not Detected	58	Not Detected
Chloroform	4.0	Not Detected	19	Not Detected
1,1,1-Trichloroethane	4.0	Not Detected	22	Not Detected
Cyclohexane	20	Not Detected	68	Not Detected
Carbon Tetrachloride	4.0	Not Detected	25	Not Detected
Benzene	4.0	Not Detected	13	Not Detected
1,2-Dichloroethane	4.0	Not Detected	16	Not Detected
Heptane	20	Not Detected	81	Not Detected
Trichloroethene	4.0	Not Detected	21	Not Detected
1,2-Dichloropropane	4.0	Not Detected	18	Not Detected
1,4-Dioxane	20	Not Detected	71	Not Detected
Bromodichloromethane	20	Not Detected	130	Not Detected
cis-1,3-Dichloropropene	4.0	Not Detected	18	Not Detected
4-Methyl-2-pentanone	20	Not Detected	81	Not Detected
Toluene	4.0	9.8	15	37
trans-1,3-Dichloropropene	4.0	Not Detected	18	Not Detected
1,1,2-Trichloroethane	4.0	Not Detected	22	Not Detected
Tetrachloroethene	4.0	Not Detected	27	Not Detected
2-Hexanone	20	Not Detected	81	Not Detected
Dibromochloromethane	20	Not Detected	170	Not Detected
1,2-Dibromoethane (EDB)	4.0	Not Detected	30	Not Detected

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Client Sample ID: AB1

Lab ID#: 0511185-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111011	Date of Collection:	10/19/05
Dil. Factor:	39.5	Date of Analysis:	11/10/05 09:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	4.0	Not Detected	18	Not Detected
Ethyl Benzene	4.0	Not Detected	17	Not Detected
m,p-Xylene	4.0	Not Detected	17	Not Detected
o-Xylene	4.0	Not Detected	17	Not Detected
Styrene	4.0	Not Detected	17	Not Detected
Bromoform	20	Not Detected	200	Not Detected
Cumene	20	Not Detected	97	Not Detected
1,1,2,2-Tetrachloroethane	4.0	Not Detected	27	Not Detected
Propylbenzene	20	Not Detected	97	Not Detected
4-Ethyltoluene	20	Not Detected	97	Not Detected
1,3,5-Trimethylbenzene	4.0	Not Detected	19	Not Detected
1,2,4-Trimethylbenzene	4.0	Not Detected	19	Not Detected
1,3-Dichlorobenzene	4.0	Not Detected	24	Not Detected
1,4-Dichlorobenzene	4.0	Not Detected	24	Not Detected
alpha-Chlorotoluene	4.0	Not Detected	20	Not Detected
1,2-Dichlorobenzene	4.0	Not Detected	24	Not Detected
1,2,4-Trichlorobenzene	20	Not Detected	150	Not Detected
Hexachlorobutadiene	20	Not Detected U J	210	Not Detected U J

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: AB2

Lab ID#: 0511185-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111012	Date of Collection:	10/19/05
Dil. Factor:	32.2	Date of Analysis:	11/10/05 10:23 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3.2	Not Detected	16	Not Detected
Freon 114	3.2	Not Detected	22	Not Detected
Chloromethane	3.2	Not Detected	6.6	Not Detected
Vinyl Chloride	3.2	Not Detected	8.2	Not Detected
1,3-Butadiene	16	Not Detected	36	Not Detected
Bromomethane	3.2	Not Detected	12	Not Detected
Chloroethane	3.2	Not Detected	8.5	Not Detected
Freon 11	3.2	Not Detected	18	Not Detected
Ethanol	16	Not Detected	30	Not Detected
Freon 113	3.2	Not Detected	25	Not Detected
1,1-Dichloroethene	3.2	Not Detected	13	Not Detected
Acetone	16	790	38	1900
2-Propanol	16	Not Detected	40	Not Detected
Carbon Disulfide	16	Not Detected	50	Not Detected
Methylene Chloride	6.4	Not Detected	22	Not Detected
Methyl tert-butyl ether	16	Not Detected	58	Not Detected
trans-1,2-Dichloroethene	16	Not Detected	64	Not Detected
Hexane	16	Not Detected	57	Not Detected
1,1-Dichloroethane	3.2	Not Detected	13	Not Detected
2-Butanone (Methyl Ethyl Ketone)	16	Not Detected	47	Not Detected
cis-1,2-Dichloroethene	3.2	Not Detected	13	Not Detected
Tetrahydrofuran	16	Not Detected	47	Not Detected
Chloroform	3.2	Not Detected	16	Not Detected
1,1,1-Trichloroethane	3.2	Not Detected	18	Not Detected
Cyclohexane	16	Not Detected	55	Not Detected
Carbon Tetrachloride	3.2	Not Detected	20	Not Detected
Benzene	3.2	Not Detected	10	Not Detected
1,2-Dichloroethane	3.2	Not Detected	13	Not Detected
Heptane	16	Not Detected	66	Not Detected
Trichloroethene	3.2	Not Detected	17	Not Detected
1,2-Dichloropropane	3.2	Not Detected	15	Not Detected
1,4-Dioxane	16	Not Detected	58	Not Detected
Bromodichloromethane	16	Not Detected	110	Not Detected
cis-1,3-Dichloropropene	3.2	Not Detected	15	Not Detected
4-Methyl-2-pentanone	16	Not Detected	66	Not Detected
Toluene	3.2	6.1	12	23
trans-1,3-Dichloropropene	3.2	Not Detected	15	Not Detected
1,1,2-Trichloroethane	3.2	Not Detected	18	Not Detected
Tetrachloroethene	3.2	Not Detected	22	Not Detected
2-Hexanone	16	Not Detected	66	Not Detected
Dibromochloromethane	16	Not Detected	140	Not Detected
1,2-Dibromoethane (EDB)	3.2	Not Detected	25	Not Detected

AIR TOXICS LTD.

Client Sample ID: AB2

Lab ID#: 0511185-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111012	Date of Collection:	10/19/05
Dil. Factor:	32.2	Date of Analysis:	11/10/05 10:23 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	3.2	Not Detected	15	Not Detected
Ethyl Benzene	3.2	Not Detected	14	Not Detected
m,p-Xylene	3.2	Not Detected	14	Not Detected
o-Xylene	3.2	Not Detected	14	Not Detected
Styrene	3.2	Not Detected	14	Not Detected
Bromoform	16	Not Detected	170	Not Detected
Cumene	16	Not Detected	79	Not Detected
1,1,2,2-Tetrachloroethane	3.2	Not Detected	22	Not Detected
Propylbenzene	16	Not Detected	79	Not Detected
4-Ethyltoluene	16	Not Detected	79	Not Detected
1,3,5-Trimethylbenzene	3.2	Not Detected	16	Not Detected
1,2,4-Trimethylbenzene	3.2	Not Detected	16	Not Detected
1,3-Dichlorobenzene	3.2	Not Detected	19	Not Detected
1,4-Dichlorobenzene	3.2	Not Detected	19	Not Detected
alpha-Chlorotoluene	3.2	Not Detected	17	Not Detected
1,2-Dichlorobenzene	3.2	Not Detected	19	Not Detected
1,2,4-Trichlorobenzene	16	Not Detected	120	Not Detected
Hexachlorobutadiene	16	Not Detected U J	170	Not Detected U J

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: AB3

Lab ID#: 0511185-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111014	Date of Collection:	10/19/05
Dil. Factor:	1.71	Date of Analysis:	11/11/05 10:40 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.17	0.56	0.84	2.7
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	0.49	0.35	1.0
Vinyl Chloride	0.17	Not Detected	0.44	Not Detected
1,3-Butadiene	0.86	Not Detected	1.9	Not Detected
Bromomethane	0.17	Not Detected	0.66	Not Detected
Chloroethane	0.17	Not Detected	0.45	Not Detected
Freon 11	0.17	0.28	0.96	1.6
Ethanol	0.86	3.6	1.6	6.7
Freon 113	0.17	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	8.1	2.0	19
2-Propanol	0.86	Not Detected	2.1	Not Detected
Carbon Disulfide	0.86	Not Detected	2.7	Not Detected
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.86	Not Detected	3.1	Not Detected
trans-1,2-Dichloroethene	0.86	Not Detected	3.4	Not Detected
Hexane	0.86	Not Detected	3.0	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.69	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.86	3.1	2.5	9.1
cis-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Tetrahydrofuran	0.86	Not Detected	2.5	Not Detected
Chloroform	0.17	Not Detected	0.83	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Cyclohexane	0.86	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.17	Not Detected	1.1	Not Detected
Benzene	0.17	Not Detected	0.55	Not Detected
1,2-Dichloroethane	0.17	Not Detected	0.69	Not Detected
Heptane	0.86	Not Detected	3.5	Not Detected
Trichloroethene	0.17	Not Detected	0.92	Not Detected
1,2-Dichloropropane	0.17	Not Detected	0.79	Not Detected
1,4-Dioxane	0.86	Not Detected	3.1	Not Detected
Bromodichloromethane	0.86	Not Detected	5.7	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
4-Methyl-2-pentanone	0.86	Not Detected	3.5	Not Detected
Toluene	0.17	0.52	0.64	2.0
trans-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
1,1,2-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Tetrachloroethene	0.17	Not Detected	1.2	Not Detected
2-Hexanone	0.86	Not Detected	3.5	Not Detected
Dibromochloromethane	0.86	Not Detected	7.3	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected

AIR TOXICS LTD.

Client Sample ID: AB3

Lab ID#: 0511185-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111014	Date of Collection:	10/19/05
Dil. Factor:	1.71	Date of Analysis:	11/11/05 10:40 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	0.17	Not Detected	0.79	Not Detected
Ethyl Benzene	0.17	0.19	0.74	0.82
m,p-Xylene	0.17	0.44	0.74	1.9
o-Xylene	0.17	Not Detected	0.74	Not Detected
Styrene	0.17	Not Detected	0.73	Not Detected
Bromoform	0.86	Not Detected	8.8	Not Detected
Cumene	0.86	Not Detected	4.2	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.2	Not Detected
Propylbenzene	0.86	Not Detected	4.2	Not Detected
4-Ethyltoluene	0.86	Not Detected	4.2	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,2,4-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.88	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.86	Not Detected	6.3	Not Detected
Hexachlorobutadiene	0.86	Not Detected U J	9.1	Not Detected U J

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: AB4

Lab ID#: 0511185-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111010	Date of Collection:	10/19/05
Dil. Factor:	4.38	Date of Analysis:	11/10/05 08:46 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.44	0.61	2.2	3.0
Freon 114	0.44	Not Detected	3.1	Not Detected
Chloromethane	0.44	0.63	0.90	1.3
Vinyl Chloride	0.44	Not Detected	1.1	Not Detected
1,3-Butadiene	2.2	Not Detected	4.8	Not Detected
Bromomethane	0.44	Not Detected	1.7	Not Detected
Chloroethane	0.44	Not Detected	1.2	Not Detected
Freon 11	0.44	Not Detected	2.5	Not Detected
Ethanol	2.2	6.7	4.1	13
Freon 113	0.44	Not Detected	3.4	Not Detected
1,1-Dichloroethene	0.44	Not Detected	1.7	Not Detected
Acetone	2.2	200 E	5.2	470 E
2-Propanol	2.2	Not Detected	5.4	Not Detected
Carbon Disulfide	2.2	Not Detected	6.8	Not Detected
Methylene Chloride	0.88	Not Detected	3.0	Not Detected
Methyl tert-butyl ether	2.2	Not Detected	7.9	Not Detected
trans-1,2-Dichloroethene	2.2	Not Detected	8.7	Not Detected
Hexane	2.2	Not Detected	7.7	Not Detected
1,1-Dichloroethane	0.44	Not Detected	1.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.2	Not Detected	6.4	Not Detected
cis-1,2-Dichloroethene	0.44	Not Detected	1.7	Not Detected
Tetrahydrofuran	2.2	Not Detected	6.4	Not Detected
Chloroform	0.44	Not Detected	2.1	Not Detected
1,1,1-Trichloroethane	0.44	Not Detected	2.4	Not Detected
Cyclohexane	2.2	Not Detected	7.5	Not Detected
Carbon Tetrachloride	0.44	Not Detected	2.8	Not Detected
Benzene	0.44	1.1	1.4	3.5
1,2-Dichloroethane	0.44	Not Detected	1.8	Not Detected
Heptane	2.2	Not Detected	9.0	Not Detected
Trichloroethene	0.44	Not Detected	2.4	Not Detected
1,2-Dichloropropane	0.44	Not Detected	2.0	Not Detected
1,4-Dioxane	2.2	Not Detected	7.9	Not Detected
Bromodichloromethane	2.2	Not Detected	15	Not Detected
cis-1,3-Dichloropropene	0.44	Not Detected	2.0	Not Detected
4-Methyl-2-pentanone	2.2	Not Detected	9.0	Not Detected
Toluene	0.44	3.6	1.6	13
trans-1,3-Dichloropropene	0.44	Not Detected	2.0	Not Detected
1,1,2-Trichloroethane	0.44	Not Detected	2.4	Not Detected
Tetrachloroethene	0.44	Not Detected	3.0	Not Detected
2-Hexanone	2.2	Not Detected	9.0	Not Detected
Dibromochloromethane	2.2	Not Detected	19	Not Detected
1,2-Dibromoethane (EDB)	0.44	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

Client Sample ID: AB4

Lab ID#: 0511185-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111010	Date of Collection:	10/19/05
Dil. Factor:	4.38	Date of Analysis:	11/10/05 08:46 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	0.44	Not Detected	2.0	Not Detected
Ethyl Benzene	0.44	Not Detected	1.9	Not Detected
m,p-Xylene	0.44	1.6	1.9	6.8
o-Xylene	0.44	0.53	1.9	2.3
Styrene	0.44	Not Detected	1.9	Not Detected
Bromoform	2.2	Not Detected	23	Not Detected
Cumene	2.2	Not Detected	11	Not Detected
1,1,2,2-Tetrachloroethane	0.44	Not Detected	3.0	Not Detected
Propylbenzene	2.2	Not Detected	11	Not Detected
4-Ethyltoluene	2.2	Not Detected	11	Not Detected
1,3,5-Trimethylbenzene	0.44	Not Detected	2.2	Not Detected
1,2,4-Trimethylbenzene	0.44	0.62	2.2	3.1
1,3-Dichlorobenzene	0.44	Not Detected	2.6	Not Detected
1,4-Dichlorobenzene	0.44	Not Detected	2.6	Not Detected
alpha-Chlorotoluene	0.44	Not Detected	2.3	Not Detected
1,2-Dichlorobenzene	0.44	Not Detected	2.6	Not Detected
1,2,4-Trichlorobenzene	2.2	Not Detected	16	Not Detected
Hexachlorobutadiene	2.2	Not Detected U J	23	Not Detected U J

E = Exceeds instrument calibration range.

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: QC1

Lab ID#: 0511185-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111015	Date of Collection:	10/19/05
Dil. Factor:	1.87	Date of Analysis:	11/11/05 11:32 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.19	0.58	0.92	2.8
Freon 114	0.19	Not Detected	1.3	Not Detected
Chloromethane	0.19	0.51	0.39	1.0
Vinyl Chloride	0.19	Not Detected	0.48	Not Detected
1,3-Butadiene	0.94	Not Detected	2.1	Not Detected
Bromomethane	0.19	Not Detected	0.73	Not Detected
Chloroethane	0.19	Not Detected	0.49	Not Detected
Freon 11	0.19	0.26	1.0	1.4
Ethanol	0.94	2.0	1.8	3.7
Freon 113	0.19	Not Detected	1.4	Not Detected
1,1-Dichloroethene	0.19	Not Detected	0.74	Not Detected
Acetone	0.94	5.2	2.2	12
2-Propanol	0.94	Not Detected	2.3	Not Detected
Carbon Disulfide	0.94	Not Detected	2.9	Not Detected
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.94	Not Detected	3.4	Not Detected
trans-1,2-Dichloroethene	0.94	Not Detected	3.7	Not Detected
Hexane	0.94	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.19	Not Detected	0.76	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.94	2.1	2.8	6.3
cis-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected
Tetrahydrofuran	0.94	Not Detected	2.8	Not Detected
Chloroform	0.19	Not Detected	0.91	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected	1.0	Not Detected
Cyclohexane	0.94	Not Detected	3.2	Not Detected
Carbon Tetrachloride	0.19	Not Detected	1.2	Not Detected
Benzene	0.19	0.18 J	0.60	0.58 J
1,2-Dichloroethane	0.19	Not Detected	0.76	Not Detected
Heptane	0.94	Not Detected	3.8	Not Detected
Trichloroethene	0.19	Not Detected	1.0	Not Detected
1,2-Dichloropropane	0.19	Not Detected	0.86	Not Detected
1,4-Dioxane	0.94	Not Detected	3.4	Not Detected
Bromodichloromethane	0.94	Not Detected	6.3	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected	0.85	Not Detected
4-Methyl-2-pentanone	0.94	Not Detected	3.8	Not Detected
Toluene	0.19	0.58	0.70	2.2
trans-1,3-Dichloropropene	0.19	Not Detected	0.85	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected	1.0	Not Detected
Tetrachloroethene	0.19	Not Detected	1.3	Not Detected
2-Hexanone	0.94	Not Detected	3.8	Not Detected
Dibromochloromethane	0.94	Not Detected	8.0	Not Detected
1,2-Dibromoethane (EDB)	0.19	Not Detected	1.4	Not Detected

AIR TOXICS LTD.

Client Sample ID: QC1

Lab ID#: 0511185-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111015	Date of Collection:	10/19/05
Dil. Factor:	1.87	Date of Analysis:	11/11/05 11:32 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	0.19	Not Detected	0.86	Not Detected
Ethyl Benzene	0.19	0.19	0.81	0.83
m,p-Xylene	0.19	0.48	0.81	2.1
o-Xylene	0.19	Not Detected	0.81	Not Detected
Styrene	0.19	Not Detected	0.80	Not Detected
Bromoform	0.94	Not Detected	9.7	Not Detected
Cumene	0.94	Not Detected	4.6	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected	1.3	Not Detected
Propylbenzene	0.94	Not Detected	4.6	Not Detected
4-Ethyltoluene	0.94	Not Detected	4.6	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected	0.92	Not Detected
1,2,4-Trimethylbenzene	0.19	Not Detected	0.92	Not Detected
1,3-Dichlorobenzene	0.19	Not Detected	1.1	Not Detected
1,4-Dichlorobenzene	0.19	Not Detected	1.1	Not Detected
alpha-Chlorotoluene	0.19	Not Detected	0.97	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected	1.1	Not Detected
1,2,4-Trichlorobenzene	0.94	Not Detected	6.9	Not Detected
Hexachlorobutadiene	0.94	Not Detected U J	10	Not Detected U J

J = Estimated value.

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

AIR TOXICS LTD.

Client Sample ID: QC1 Duplicate

Lab ID#: 0511185-05AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111016	Date of Collection:	10/19/05
Dil. Factor:	1.87	Date of Analysis:	11/11/05 12:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.19	0.55	0.92	2.7
Freon 114	0.19	Not Detected	1.3	Not Detected
Chloromethane	0.19	0.52	0.39	1.1
Vinyl Chloride	0.19	Not Detected	0.48	Not Detected
1,3-Butadiene	0.94	Not Detected	2.1	Not Detected
Bromomethane	0.19	Not Detected	0.73	Not Detected
Chloroethane	0.19	Not Detected	0.49	Not Detected
Freon 11	0.19	0.27	1.0	1.5
Ethanol	0.94	2.1	1.8	4.0
Freon 113	0.19	Not Detected	1.4	Not Detected
1,1-Dichloroethene	0.19	Not Detected	0.74	Not Detected
Acetone	0.94	5.2	2.2	12
2-Propanol	0.94	Not Detected	2.3	Not Detected
Carbon Disulfide	0.94	Not Detected	2.9	Not Detected
Methylene Chloride	0.37	Not Detected	1.3	Not Detected
Methyl tert-butyl ether	0.94	Not Detected	3.4	Not Detected
trans-1,2-Dichloroethene	0.94	Not Detected	3.7	Not Detected
Hexane	0.94	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.19	Not Detected	0.76	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.94	1.9	2.8	5.6
cis-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected
Tetrahydrofuran	0.94	Not Detected	2.8	Not Detected
Chloroform	0.19	Not Detected	0.91	Not Detected
1,1,1-Trichloroethane	0.19	Not Detected	1.0	Not Detected
Cyclohexane	0.94	Not Detected	3.2	Not Detected
Carbon Tetrachloride	0.19	Not Detected	1.2	Not Detected
Benzene	0.19	0.18 J	0.60	0.59 J
1,2-Dichloroethane	0.19	Not Detected	0.76	Not Detected
Heptane	0.94	Not Detected	3.8	Not Detected
Trichloroethene	0.19	Not Detected	1.0	Not Detected
1,2-Dichloropropane	0.19	Not Detected	0.86	Not Detected
1,4-Dioxane	0.94	Not Detected	3.4	Not Detected
Bromodichloromethane	0.94	Not Detected	6.3	Not Detected
cis-1,3-Dichloropropene	0.19	Not Detected	0.85	Not Detected
4-Methyl-2-pentanone	0.94	Not Detected	3.8	Not Detected
Toluene	0.19	0.56	0.70	2.1
trans-1,3-Dichloropropene	0.19	Not Detected	0.85	Not Detected
1,1,2-Trichloroethane	0.19	Not Detected	1.0	Not Detected
Tetrachloroethene	0.19	Not Detected	1.3	Not Detected
2-Hexanone	0.94	Not Detected	3.8	Not Detected
Dibromochloromethane	0.94	Not Detected	8.0	Not Detected
1,2-Dibromoethane (EDB)	0.19	Not Detected	1.4	Not Detected

AIR TOXICS LTD.

Client Sample ID: QC1 Duplicate

Lab ID#: 0511185-05AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111016	Date of Collection:	10/19/05
Dil. Factor:	1.87	Date of Analysis:	11/11/05 12:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	0.19	Not Detected	0.86	Not Detected
Ethyl Benzene	0.19	0.18 J	0.81	0.80 J
m,p-Xylene	0.19	0.44	0.81	1.9
o-Xylene	0.19	Not Detected	0.81	Not Detected
Styrene	0.19	Not Detected	0.80	Not Detected
Bromoform	0.94	Not Detected	9.7	Not Detected
Cumene	0.94	Not Detected	4.6	Not Detected
1,1,2,2-Tetrachloroethane	0.19	Not Detected	1.3	Not Detected
Propylbenzene	0.94	Not Detected	4.6	Not Detected
4-Ethyltoluene	0.94	Not Detected	4.6	Not Detected
1,3,5-Trimethylbenzene	0.19	Not Detected	0.92	Not Detected
1,2,4-Trimethylbenzene	0.19	Not Detected	0.92	Not Detected
1,3-Dichlorobenzene	0.19	Not Detected	1.1	Not Detected
1,4-Dichlorobenzene	0.19	Not Detected	1.1	Not Detected
alpha-Chlorotoluene	0.19	Not Detected	0.97	Not Detected
1,2-Dichlorobenzene	0.19	Not Detected	1.1	Not Detected
1,2,4-Trichlorobenzene	0.94	Not Detected	6.9	Not Detected
Hexachlorobutadiene	0.94	Not Detected U J	10	Not Detected U J

J = Estimated value.

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0511185-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111006a	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/10/05 05:02 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.50	Not Detected	1.8	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0511185-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111006a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/10/05 05:02 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected U J	5.3	Not Detected U J

UJ = Non-detected compound associated with low bias in the CCV

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0511185-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111002	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/10/05 12:57 PM

Compound	%Recovery
Freon 12	107
Freon 114	107
Chloromethane	94
Vinyl Chloride	96
1,3-Butadiene	90
Bromomethane	94
Chloroethane	85
Freon 11	103
Ethanol	88
Freon 113	106
1,1-Dichloroethene	107
Acetone	90
2-Propanol	97
Carbon Disulfide	107
Methylene Chloride	101
Methyl tert-butyl ether	98
trans-1,2-Dichloroethene	122
Hexane	88
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	96
Tetrahydrofuran	95
Chloroform	106
1,1,1-Trichloroethane	102
Cyclohexane	104
Carbon Tetrachloride	104
Benzene	91
1,2-Dichloroethane	102
Heptane	100
Trichloroethene	89
1,2-Dichloropropane	95
1,4-Dioxane	106
Bromodichloromethane	110
cis-1,3-Dichloropropene	110
4-Methyl-2-pentanone	102
Toluene	99
trans-1,3-Dichloropropene	112
1,1,2-Trichloroethane	106
Tetrachloroethene	94
2-Hexanone	98
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	110

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0511185-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111002	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/10/05 12:57 PM

Compound	%Recovery
Chlorobenzene	99
Ethyl Benzene	101
m,p-Xylene	103
o-Xylene	102
Styrene	106
Bromoform	134 Q
Cumene	105
1,1,2,2-Tetrachloroethane	118
Propylbenzene	111
4-Ethyltoluene	108
1,3,5-Trimethylbenzene	95
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	123
1,2-Dichlorobenzene	88
1,2,4-Trichlorobenzene	70
Hexachlorobutadiene	69 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0511185-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/10/05 01:40 PM

Compound	%Recovery
Freon 12	104
Freon 114	105
Chloromethane	94
Vinyl Chloride	92
1,3-Butadiene	93
Bromomethane	102
Chloroethane	84
Freon 11	97
Ethanol	83
Freon 113	106
1,1-Dichloroethene	103
Acetone	96
2-Propanol	99
Carbon Disulfide	116
Methylene Chloride	101
Methyl tert-butyl ether	101
trans-1,2-Dichloroethene	132
Hexane	92
1,1-Dichloroethane	91
2-Butanone (Methyl Ethyl Ketone)	105
cis-1,2-Dichloroethene	89
Tetrahydrofuran	97
Chloroform	104
1,1,1-Trichloroethane	92
Cyclohexane	107
Carbon Tetrachloride	78
Benzene	87
1,2-Dichloroethane	99
Heptane	106
Trichloroethene	86
1,2-Dichloropropane	89
1,4-Dioxane	105
Bromodichloromethane	113
cis-1,3-Dichloropropene	105
4-Methyl-2-pentanone	100
Toluene	101
trans-1,3-Dichloropropene	124
1,1,2-Trichloroethane	105
Tetrachloroethene	96
2-Hexanone	86
Dibromochloromethane	112
1,2-Dibromoethane (EDB)	112

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0511185-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7111003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/10/05 01:40 PM

Compound	%Recovery
Chlorobenzene	98
Ethyl Benzene	100
m,p-Xylene	105
o-Xylene	95
Styrene	128
Bromoform	119
Cumene	84
1,1,2,2-Tetrachloroethane	108
Propylbenzene	98
4-Ethyltoluene	91
1,3,5-Trimethylbenzene	85
1,2,4-Trimethylbenzene	91
1,3-Dichlorobenzene	80
1,4-Dichlorobenzene	80
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	79
1,2,4-Trichlorobenzene	64 Q
Hexachlorobutadiene	68 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

