

Appendix A
VOC Laboratory Reports (First 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 #: 0509218

Work Order Summary

CLIENT: Ms. Judith Barnes
URS Australia
Level 3 116 Miller St.
North Sydney, NSW, Australia 2060

BILL TO: Ms. Judith Barnes
URS Australia
Level 3 116 Miller St.
North Sydney, NSW, Australia 2060

PHONE:

FAX:

DATE RECEIVED: 09/12/2005

DATE COMPLETED: 09/26/2005

P.O. #

PROJECT # 43217288 Orica Community Air

CONTACT: Monitoring
Nicole Dafbacher

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>
01A	AB1	Modified TO-15	7.5 "Hg
02A	AB2	Modified TO-15	8.0 "Hg
03A	AB3	Modified TO-15	7.5 "Hg
04A	AB4	Modified TO-15	10.0 "Hg
05A	QC1	Modified TO-15	7.5 "Hg
06A	Lab Blank	Modified TO-15	NA
07A	CCV	Modified TO-15	NA
08A	LCS	Modified TO-15	NA

CERTIFIED BY:  DATE: 09/26/05

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# 0509218

Five 6 Liter Summa Canister (100% Certified) samples were received on September 12, 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#: 0509218-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Acetone	9.0	650	21	1500
Toluene	1.8	3.5	6.7	13
m,p-Xylene	1.8	2.0	7.8	8.6

Client Sample ID: AB2

Lab ID#: 0509218-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Acetone	46	2100	110	4900

Client Sample ID: AB3

Lab ID#: 0509218-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.72	0.88	3.6
Chloromethane	0.18	0.77	0.37	1.6
Freon 11	0.18	0.36	1.0	2.0
Ethanol	0.90	2.7	1.7	5.1
Acetone	0.90	3.2	2.1	7.6
Carbon Tetrachloride	0.18	0.17 J	1.1	1.1
Benzene	0.18	0.63	0.57	2.0
1,2-Dichloroethane	0.18	1.6	0.72	6.3
Toluene	0.18	1.7	0.67	6.4
Ethyl Benzene	0.18	0.29	0.78	1.3
m,p-Xylene	0.18	1.1	0.78	4.8
o-Xylene	0.18	0.35	0.78	1.5
1,2,4-Trimethylbenzene	0.18	0.21	0.88	1.0

Client Sample ID: AB4

Lab ID#: 0509218-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.20	0.75	0.99	3.7
Chloromethane	0.20	0.80	0.42	1.6
Freon 11	0.20	0.34	1.1	1.9
Ethanol	1.0	4.4	1.9	8.3
Acetone	1.0	150 E	2.4	360 E
2-Butanone (Methyl Ethyl Ketone)	1.0	1.0	3.0	3.0
Benzene	0.20	0.58	0.64	1.8

Client Sample ID: AB4

Lab ID#: 0509218-04A

Toluene	0.20	2.4	0.76	9.1
Ethyl Benzene	0.20	0.34	0.87	1.5
m,p-Xylene	0.20	1.6	0.87	6.8
o-Xylene	0.20	0.54	0.87	2.3
1,3,5-Trimethylbenzene	0.20	0.26	0.99	1.3
1,2,4-Trimethylbenzene	0.20	0.91	0.99	4.5

Client Sample ID: QC1

Lab ID#: 0509218-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.67	0.88	3.3
Chloromethane	0.18	0.67	0.37	1.4
Freon 11	0.18	0.32	1.0	1.8
Ethanol	0.90	10	1.7	19
Acetone	0.90	7.9	2.1	19
2-Propanol	0.90	2.0	2.2	5.0
Carbon Disulfide	0.90	1.1	2.8	3.3
Methylene Chloride	0.36	0.69	1.2	2.4
Hexane	0.90	4.5	3.2	16
2-Butanone (Methyl Ethyl Ketone)	0.90	4.8	2.6	14
Benzene	0.18	0.85	0.57	2.7
1,2-Dichloroethane	0.18	1.3	0.72	5.2
Trichloroethene	0.18	4.2	0.96	23
Toluene	0.18	19	0.67	70
Tetrachloroethene	0.18	0.36	1.2	2.5
Ethyl Benzene	0.18	0.54	0.78	2.3
m,p-Xylene	0.18	2.1	0.78	9.1
o-Xylene	0.18	0.75	0.78	3.2
Styrene	0.18	1.7	0.76	7.2
1,2,4-Trimethylbenzene	0.18	0.50	0.88	2.5

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Client Sample ID: AB1

Lab ID#: 0509218-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092212	Date of Collection:	9/9/05
Dil. Factor:	17.9	Date of Analysis:	9/22/05 10:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.8	Not Detected	8.8	Not Detected
Freon 114	1.8	Not Detected	12	Not Detected
Chloromethane	1.8	Not Detected	3.7	Not Detected
Vinyl Chloride	1.8	Not Detected	4.6	Not Detected
1,3-Butadiene	9.0	Not Detected	20	Not Detected
Bromomethane	1.8	Not Detected	7.0	Not Detected
Chloroethane	1.8	Not Detected	4.7	Not Detected
Freon 11	1.8	Not Detected	10	Not Detected
Ethanol	9.0	Not Detected	17	Not Detected
Freon 113	1.8	Not Detected	14	Not Detected
1,1-Dichloroethene	1.8	Not Detected	7.1	Not Detected
Acetone	9.0	650	21	1500
2-Propanol	9.0	Not Detected	22	Not Detected
Carbon Disulfide	9.0	Not Detected	28	Not Detected
Methylene Chloride	3.6	Not Detected	12	Not Detected
Methyl tert-butyl ether	9.0	Not Detected	32	Not Detected
trans-1,2-Dichloroethene	9.0	Not Detected	35	Not Detected
Hexane	9.0	Not Detected	32	Not Detected
1,1-Dichloroethane	1.8	Not Detected	7.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	9.0	Not Detected	26	Not Detected
cis-1,2-Dichloroethene	1.8	Not Detected	7.1	Not Detected
Tetrahydrofuran	9.0	Not Detected	26	Not Detected
Chloroform	1.8	Not Detected	8.7	Not Detected
1,1,1-Trichloroethane	1.8	Not Detected	9.8	Not Detected
Cyclohexane	9.0	Not Detected	31	Not Detected
Carbon Tetrachloride	1.8	Not Detected	11	Not Detected
Benzene	1.8	Not Detected	5.7	Not Detected
1,2-Dichloroethane	1.8	Not Detected	7.2	Not Detected
Heptane	9.0	Not Detected	37	Not Detected
Trichloroethene	1.8	Not Detected	9.6	Not Detected
1,2-Dichloropropane	1.8	Not Detected	8.3	Not Detected
1,4-Dioxane	9.0	Not Detected	32	Not Detected
Bromodichloromethane	9.0	Not Detected	60	Not Detected
cis-1,3-Dichloropropene	1.8	Not Detected	8.1	Not Detected
4-Methyl-2-pentanone	9.0	Not Detected	37	Not Detected
Toluene	1.8	3.5	6.7	13
trans-1,3-Dichloropropene	1.8	Not Detected	8.1	Not Detected
1,1,2-Trichloroethane	1.8	Not Detected	9.8	Not Detected
Tetrachloroethene	1.8	Not Detected	12	Not Detected
2-Hexanone	9.0	Not Detected	37	Not Detected
Dibromochloromethane	9.0	Not Detected	76	Not Detected
1,2-Dibromoethane (EDB)	1.8	Not Detected	14	Not Detected

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Client Sample ID: AB1

Lab ID#: 0509218-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092212	Date of Collection:	9/9/05
Dil. Factor:	17.9	Date of Analysis:	9/22/05 10:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	1.8	Not Detected	8.2	Not Detected
Ethyl Benzene	1.8	Not Detected	7.8	Not Detected
m,p-Xylene	1.8	2.0	7.8	8.6
o-Xylene	1.8	Not Detected	7.8	Not Detected
Styrene	1.8	Not Detected	7.6	Not Detected
Bromoform	9.0	Not Detected	92	Not Detected
Cumene	9.0	Not Detected	44	Not Detected
1,1,2,2-Tetrachloroethane	1.8	Not Detected	12	Not Detected
Propylbenzene	9.0	Not Detected	44	Not Detected
4-Ethyltoluene	9.0	Not Detected	44	Not Detected
1,3,5-Trimethylbenzene	1.8	Not Detected	8.8	Not Detected
1,2,4-Trimethylbenzene	1.8	Not Detected	8.8	Not Detected
1,3-Dichlorobenzene	1.8	Not Detected	11	Not Detected
1,4-Dichlorobenzene	1.8	Not Detected	11	Not Detected
alpha-Chlorotoluene	1.8	Not Detected	9.3	Not Detected
1,2-Dichlorobenzene	1.8	Not Detected	11	Not Detected
1,2,4-Trichlorobenzene	9.0	Not Detected	66	Not Detected
Hexachlorobutadiene	9.0	Not Detected	95	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: AB2

Lab ID#: 0509218-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092213	Date of Collection:	9/9/05
Dil. Factor:	91.5	Date of Analysis:	9/22/05 11:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	9.2	Not Detected	45	Not Detected
Freon 114	9.2	Not Detected	64	Not Detected
Chloromethane	9.2	Not Detected	19	Not Detected
Vinyl Chloride	9.2	Not Detected	23	Not Detected
1,3-Butadiene	46	Not Detected	100	Not Detected
Bromomethane	9.2	Not Detected	36	Not Detected
Chloroethane	9.2	Not Detected	24	Not Detected
Freon 11	9.2	Not Detected	51	Not Detected
Ethanol	46	Not Detected	86	Not Detected
Freon 113	9.2	Not Detected	70	Not Detected
1,1-Dichloroethene	9.2	Not Detected	36	Not Detected
Acetone	46	2100	110	4900
2-Propanol	46	Not Detected	110	Not Detected
Carbon Disulfide	46	Not Detected	140	Not Detected
Methylene Chloride	18	Not Detected	64	Not Detected
Methyl tert-butyl ether	46	Not Detected	160	Not Detected
trans-1,2-Dichloroethene	46	Not Detected	180	Not Detected
Hexane	46	Not Detected	160	Not Detected
1,1-Dichloroethane	9.2	Not Detected	37	Not Detected
2-Butanone (Methyl Ethyl Ketone)	46	Not Detected	130	Not Detected
cis-1,2-Dichloroethene	9.2	Not Detected	36	Not Detected
Tetrahydrofuran	46	Not Detected	130	Not Detected
Chloroform	9.2	Not Detected	45	Not Detected
1,1,1-Trichloroethane	9.2	Not Detected	50	Not Detected
Cyclohexane	46	Not Detected	160	Not Detected
Carbon Tetrachloride	9.2	Not Detected	58	Not Detected
Benzene	9.2	Not Detected	29	Not Detected
1,2-Dichloroethane	9.2	Not Detected	37	Not Detected
Heptane	46	Not Detected	190	Not Detected
Trichloroethene	9.2	Not Detected	49	Not Detected
1,2-Dichloropropane	9.2	Not Detected	42	Not Detected
1,4-Dioxane	46	Not Detected	160	Not Detected
Bromodichloromethane	46	Not Detected	310	Not Detected
cis-1,3-Dichloropropene	9.2	Not Detected	42	Not Detected
4-Methyl-2-pentanone	46	Not Detected	190	Not Detected
Toluene	9.2	Not Detected	34	Not Detected
trans-1,3-Dichloropropene	9.2	Not Detected	42	Not Detected
1,1,2-Trichloroethane	9.2	Not Detected	50	Not Detected
Tetrachloroethene	9.2	Not Detected	62	Not Detected
2-Hexanone	46	Not Detected	190	Not Detected
Dibromochloromethane	46	Not Detected	390	Not Detected
1,2-Dibromoethane (EDB)	9.2	Not Detected	70	Not Detected

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Client Sample ID: AB2

Lab ID#: 0509218-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092213	Date of Collection: 9/9/05
Dil. Factor:	91.5	Date of Analysis: 9/22/05 11:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	9.2	Not Detected	42	Not Detected
Ethyl Benzene	9.2	Not Detected	40	Not Detected
m,p-Xylene	9.2	Not Detected	40	Not Detected
o-Xylene	9.2	Not Detected	40	Not Detected
Styrene	9.2	Not Detected	39	Not Detected
Bromoform	46	Not Detected	470	Not Detected
Cumene	46	Not Detected	220	Not Detected
1,1,2,2-Tetrachloroethane	9.2	Not Detected	63	Not Detected
Propylbenzene	46	Not Detected	220	Not Detected
4-Ethyltoluene	46	Not Detected	220	Not Detected
1,3,5-Trimethylbenzene	9.2	Not Detected	45	Not Detected
1,2,4-Trimethylbenzene	9.2	Not Detected	45	Not Detected
1,3-Dichlorobenzene	9.2	Not Detected	55	Not Detected
1,4-Dichlorobenzene	9.2	Not Detected	55	Not Detected
alpha-Chlorotoluene	9.2	Not Detected	47	Not Detected
1,2-Dichlorobenzene	9.2	Not Detected	55	Not Detected
1,2,4-Trichlorobenzene	46	Not Detected	340	Not Detected
Hexachlorobutadiene	46	Not Detected	490	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: AB3

Lab ID#: 0509218-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092215	Date of Collection:	9/9/05
Dil. Factor:	1.79	Date of Analysis:	9/23/05 06:03 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.72	0.88	3.6
Freon 114	0.18	Not Detected	1.2	Not Detected
Chloromethane	0.18	0.77	0.37	1.6
Vinyl Chloride	0.18	Not Detected	0.46	Not Detected
1,3-Butadiene	0.90	Not Detected	2.0	Not Detected
Bromomethane	0.18	Not Detected	0.70	Not Detected
Chloroethane	0.18	Not Detected	0.47	Not Detected
Freon 11	0.18	0.36	1.0	2.0
Ethanol	0.90	2.7	1.7	5.1
Freon 113	0.18	Not Detected	1.4	Not Detected
1,1-Dichloroethene	0.18	Not Detected	0.71	Not Detected
Acetone	0.90	3.2	2.1	7.6
2-Propanol	0.90	Not Detected	2.2	Not Detected
Carbon Disulfide	0.90	Not Detected	2.8	Not Detected
Methylene Chloride	0.36	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.90	Not Detected	3.2	Not Detected
trans-1,2-Dichloroethene	0.90	Not Detected	3.5	Not Detected
Hexane	0.90	Not Detected	3.2	Not Detected
1,1-Dichloroethane	0.18	Not Detected	0.72	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.90	Not Detected	2.6	Not Detected
cis-1,2-Dichloroethene	0.18	Not Detected	0.71	Not Detected
Tetrahydrofuran	0.90	Not Detected	2.6	Not Detected
Chloroform	0.18	Not Detected	0.87	Not Detected
1,1,1-Trichloroethane	0.18	Not Detected	0.98	Not Detected
Cyclohexane	0.90	Not Detected	3.1	Not Detected
Carbon Tetrachloride	0.18	0.17 J	1.1	1.1
Benzene	0.18	0.63	0.57	2.0
1,2-Dichloroethane	0.18	1.6	0.72	6.3
Heptane	0.90	Not Detected	3.7	Not Detected
Trichloroethene	0.18	Not Detected	0.96	Not Detected
1,2-Dichloropropane	0.18	Not Detected	0.83	Not Detected
1,4-Dioxane	0.90	Not Detected	3.2	Not Detected
Bromodichloromethane	0.90	Not Detected	6.0	Not Detected
cis-1,3-Dichloropropene	0.18	Not Detected	0.81	Not Detected
4-Methyl-2-pentanone	0.90	Not Detected	3.7	Not Detected
Toluene	0.18	1.7	0.67	6.4
trans-1,3-Dichloropropene	0.18	Not Detected	0.81	Not Detected
1,1,2-Trichloroethane	0.18	Not Detected	0.98	Not Detected
Tetrachloroethene	0.18	Not Detected	1.2	Not Detected
2-Hexanone	0.90	Not Detected	3.7	Not Detected
Dibromochloromethane	0.90	Not Detected	7.6	Not Detected
1,2-Dibromoethane (EDB)	0.18	Not Detected	1.4	Not Detected

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Client Sample ID: AB3

Lab ID#: 0509218-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092215	Date of Collection:	9/9/05
Dil. Factor:	1.79	Date of Analysis:	9/23/05 06:03 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	0.18	Not Detected	0.82	Not Detected
Ethyl Benzene	0.18	0.29	0.78	1.3
m,p-Xylene	0.18	1.1	0.78	4.8
o-Xylene	0.18	0.35	0.78	1.5
Styrene	0.18	Not Detected	0.76	Not Detected
Bromoform	0.90	Not Detected	9.2	Not Detected
Cumene	0.90	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	0.18	Not Detected	1.2	Not Detected
Propylbenzene	0.90	Not Detected	4.4	Not Detected
4-Ethyltoluene	0.90	Not Detected	4.4	Not Detected
1,3,5-Trimethylbenzene	0.18	Not Detected	0.88	Not Detected
1,2,4-Trimethylbenzene	0.18	0.21	0.88	1.0
1,3-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
1,4-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
alpha-Chlorotoluene	0.18	Not Detected	0.93	Not Detected
1,2-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
1,2,4-Trichlorobenzene	0.90	Not Detected	6.6	Not Detected
Hexachlorobutadiene	0.90	Not Detected	9.5	Not Detected

J = Estimated value.

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	105	70-130

AIR TOXICS LTD.

Client Sample ID: AB4

Lab ID#: 0509218-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092216	Date of Collection:	9/9/05
Dil. Factor:	2.01	Date of Analysis:	9/23/05 08:40 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.20	0.75	0.99	3.7
Freon 114	0.20	Not Detected	1.4	Not Detected
Chloromethane	0.20	0.80	0.42	1.6
Vinyl Chloride	0.20	Not Detected	0.51	Not Detected
1,3-Butadiene	1.0	Not Detected	2.2	Not Detected
Bromomethane	0.20	Not Detected	0.78	Not Detected
Chloroethane	0.20	Not Detected	0.53	Not Detected
Freon 11	0.20	0.34	1.1	1.9
Ethanol	1.0	4.4	1.9	8.3
Freon 113	0.20	Not Detected	1.5	Not Detected
1,1-Dichloroethene	0.20	Not Detected	0.80	Not Detected
Acetone	1.0	150 E	2.4	360 E
2-Propanol	1.0	Not Detected	2.5	Not Detected
Carbon Disulfide	1.0	Not Detected	3.1	Not Detected
Methylene Chloride	0.40	Not Detected	1.4	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Hexane	1.0	Not Detected	3.5	Not Detected
1,1-Dichloroethane	0.20	Not Detected	0.81	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.0	1.0	3.0	3.0
cis-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
Chloroform	0.20	Not Detected	0.98	Not Detected
1,1,1-Trichloroethane	0.20	Not Detected	1.1	Not Detected
Cyclohexane	1.0	Not Detected	3.4	Not Detected
Carbon Tetrachloride	0.20	Not Detected	1.3	Not Detected
Benzene	0.20	0.58	0.64	1.8
1,2-Dichloroethane	0.20	Not Detected	0.81	Not Detected
Heptane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	0.20	Not Detected	1.1	Not Detected
1,2-Dichloropropane	0.20	Not Detected	0.93	Not Detected
1,4-Dioxane	1.0	Not Detected	3.6	Not Detected
Bromodichloromethane	1.0	Not Detected	6.7	Not Detected
cis-1,3-Dichloropropene	0.20	Not Detected	0.91	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.1	Not Detected
Toluene	0.20	2.4	0.76	9.1
trans-1,3-Dichloropropene	0.20	Not Detected	0.91	Not Detected
1,1,2-Trichloroethane	0.20	Not Detected	1.1	Not Detected
Tetrachloroethene	0.20	Not Detected	1.4	Not Detected
2-Hexanone	1.0	Not Detected	4.1	Not Detected
Dibromochloromethane	1.0	Not Detected	8.6	Not Detected
1,2-Dibromoethane (EDB)	0.20	Not Detected	1.5	Not Detected

AIR TOXICS LTD.

Client Sample ID: AB4

Lab ID#: 0509218-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092216	Date of Collection:	9/9/05
Dil. Factor:	2.01	Date of Analysis:	9/23/05 08:40 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	0.20	Not Detected	0.92	Not Detected
Ethyl Benzene	0.20	0.34	0.87	1.5
m,p-Xylene	0.20	1.6	0.87	6.8
o-Xylene	0.20	0.54	0.87	2.3
Styrene	0.20	Not Detected	0.86	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
Cumene	1.0	Not Detected	4.9	Not Detected
1,1,2,2-Tetrachloroethane	0.20	Not Detected	1.4	Not Detected
Propylbenzene	1.0	Not Detected	4.9	Not Detected
4-Ethyltoluene	1.0	Not Detected	4.9	Not Detected
1,3,5-Trimethylbenzene	0.20	0.26	0.99	1.3
1,2,4-Trimethylbenzene	0.20	0.91	0.99	4.5
1,3-Dichlorobenzene	0.20	Not Detected	1.2	Not Detected
1,4-Dichlorobenzene	0.20	Not Detected	1.2	Not Detected
alpha-Chlorotoluene	0.20	Not Detected	1.0	Not Detected
1,2-Dichlorobenzene	0.20	Not Detected	1.2	Not Detected
1,2,4-Trichlorobenzene	1.0	Not Detected	7.4	Not Detected
Hexachlorobutadiene	1.0	Not Detected	11	Not Detected

E = Exceeds instrument calibration range.

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	108	70-130

AIR TOXICS LTD.

Client Sample ID: QC1

Lab ID#: 0509218-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092218	Date of Collection:	9/9/05
Dil. Factor:	1.79	Date of Analysis:	9/23/05 10:22 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.18	0.67	0.88	3.3
Freon 114	0.18	Not Detected	1.2	Not Detected
Chloromethane	0.18	0.67	0.37	1.4
Vinyl Chloride	0.18	Not Detected	0.46	Not Detected
1,3-Butadiene	0.90	Not Detected	2.0	Not Detected
Bromomethane	0.18	Not Detected	0.70	Not Detected
Chloroethane	0.18	Not Detected	0.47	Not Detected
Freon 11	0.18	0.32	1.0	1.8
Ethanol	0.90	10	1.7	19
Freon 113	0.18	Not Detected	1.4	Not Detected
1,1-Dichloroethene	0.18	Not Detected	0.71	Not Detected
Acetone	0.90	7.9	2.1	19
2-Propanol	0.90	2.0	2.2	5.0
Carbon Disulfide	0.90	1.1	2.8	3.3
Methylene Chloride	0.36	0.69	1.2	2.4
Methyl tert-butyl ether	0.90	Not Detected	3.2	Not Detected
trans-1,2-Dichloroethene	0.90	Not Detected	3.5	Not Detected
Hexane	0.90	4.5	3.2	16
1,1-Dichloroethane	0.18	Not Detected	0.72	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.90	4.8	2.6	14
cis-1,2-Dichloroethene	0.18	Not Detected	0.71	Not Detected
Tetrahydrofuran	0.90	Not Detected	2.6	Not Detected
Chloroform	0.18	Not Detected	0.87	Not Detected
1,1,1-Trichloroethane	0.18	Not Detected	0.98	Not Detected
Cyclohexane	0.90	Not Detected	3.1	Not Detected
Carbon Tetrachloride	0.18	Not Detected	1.1	Not Detected
Benzene	0.18	0.85	0.57	2.7
1,2-Dichloroethane	0.18	1.3	0.72	5.2
Heptane	0.90	Not Detected	3.7	Not Detected
Trichloroethene	0.18	4.2	0.96	23
1,2-Dichloropropane	0.18	Not Detected	0.83	Not Detected
1,4-Dioxane	0.90	Not Detected	3.2	Not Detected
Bromodichloromethane	0.90	Not Detected	6.0	Not Detected
cis-1,3-Dichloropropene	0.18	Not Detected	0.81	Not Detected
4-Methyl-2-pentanone	0.90	Not Detected	3.7	Not Detected
Toluene	0.18	19	0.67	70
trans-1,3-Dichloropropene	0.18	Not Detected	0.81	Not Detected
1,1,2-Trichloroethane	0.18	Not Detected	0.98	Not Detected
Tetrachloroethene	0.18	0.36	1.2	2.5
2-Hexanone	0.90	Not Detected	3.7	Not Detected
Dibromochloromethane	0.90	Not Detected	7.6	Not Detected
1,2-Dibromoethane (EDB)	0.18	Not Detected	1.4	Not Detected

AIR TOXICS LTD.

Client Sample ID: QC1

Lab ID#: 0509218-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092218	Date of Collection:	9/9/05
Dil. Factor:	1.79	Date of Analysis:	9/23/05 10:22 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chlorobenzene	0.18	Not Detected	0.82	Not Detected
Ethyl Benzene	0.18	0.54	0.78	2.3
m,p-Xylene	0.18	2.1	0.78	9.1
o-Xylene	0.18	0.75	0.78	3.2
Styrene	0.18	1.7	0.76	7.2
Bromoform	0.90	Not Detected	9.2	Not Detected
Cumene	0.90	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	0.18	Not Detected	1.2	Not Detected
Propylbenzene	0.90	Not Detected	4.4	Not Detected
4-Ethyltoluene	0.90	Not Detected	4.4	Not Detected
1,3,5-Trimethylbenzene	0.18	Not Detected	0.88	Not Detected
1,2,4-Trimethylbenzene	0.18	0.50	0.88	2.5
1,3-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
1,4-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
alpha-Chlorotoluene	0.18	Not Detected	0.93	Not Detected
1,2-Dichlorobenzene	0.18	Not Detected	1.1	Not Detected
1,2,4-Trichlorobenzene	0.90	Not Detected	6.6	Not Detected
Hexachlorobutadiene	0.90	Not Detected	9.5	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	107	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0509218-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092211	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/22/05 09:09 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#: 0509218-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092211	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/22/05 09:09 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	5.3	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0509218-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/22/05 11:29 AM

Compound	%Recovery
Freon 12	124
Freon 114	120
Chloromethane	97
Vinyl Chloride	102
1,3-Butadiene	98
Bromomethane	98
Chloroethane	89
Freon 11	128
Ethanol	73
Freon 113	119
1,1-Dichloroethene	99
Acetone	91
2-Propanol	82
Carbon Disulfide	88
Methylene Chloride	88
Methyl tert-butyl ether	97
trans-1,2-Dichloroethene	93
Hexane	89
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	86
cis-1,2-Dichloroethene	95
Tetrahydrofuran	82
Chloroform	110
1,1,1-Trichloroethane	120
Cyclohexane	91
Carbon Tetrachloride	130
Benzene	90
1,2-Dichloroethane	126
Heptane	101
Trichloroethene	107
1,2-Dichloropropane	96
1,4-Dioxane	96
Bromodichloromethane	121
cis-1,3-Dichloropropene	110
4-Methyl-2-pentanone	106
Toluene	102
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	101
Tetrachloroethene	107
2-Hexanone	108
Dibromochloromethane	134 Q
1,2-Dibromoethane (EDB)	107

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0509218-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/22/05 11:29 AM

Compound	%Recovery
Chlorobenzene	100
Ethyl Benzene	102
m,p-Xylene	106
o-Xylene	105
Styrene	110
Bromoform	159 Q
Cumene	110
1,1,2,2-Tetrachloroethane	94
Propylbenzene	105
4-Ethyltoluene	108
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	110
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	107
1,2-Dichlorobenzene	100
1,2,4-Trichlorobenzene	72
Hexachlorobutadiene	84

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	108	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0509218-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/22/05 12:24 PM

Compound	%Recovery
Freon 12	120
Freon 114	116
Chloromethane	92
Vinyl Chloride	96
1,3-Butadiene	103
Bromomethane	98
Chloroethane	80
Freon 11	125
Ethanol	58 Q
Freon 113	112
1,1-Dichloroethene	94
Acetone	86
2-Propanol	89
Carbon Disulfide	94
Methylene Chloride	85
Methyl tert-butyl ether	100
trans-1,2-Dichloroethene	113
Hexane	90
1,1-Dichloroethane	90
2-Butanone (Methyl Ethyl Ketone)	83
cis-1,2-Dichloroethene	77
Tetrahydrofuran	79
Chloroform	99
1,1,1-Trichloroethane	100
Cyclohexane	90
Carbon Tetrachloride	114
Benzene	76
1,2-Dichloroethane	104
Heptane	95
Trichloroethene	85
1,2-Dichloropropane	76
1,4-Dioxane	81
Bromodichloromethane	114
cis-1,3-Dichloropropene	99
4-Methyl-2-pentanone	82
Toluene	93
trans-1,3-Dichloropropene	113
1,1,2-Trichloroethane	90
Tetrachloroethene	97
2-Hexanone	65
Dibromochloromethane	123
1,2-Dibromoethane (EDB)	95

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0509218-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	7092203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/22/05 12:24 PM

Compound	%Recovery
Chlorobenzene	90
Ethyl Benzene	92
m,p-Xylene	98
o-Xylene	94
Styrene	133 Q
Bromoform	140
Cumene	95
1,1,2,2-Tetrachloroethane	89
Propylbenzene	98
4-Ethyltoluene	88
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	87
alpha-Chlorotoluene	79
1,2-Dichlorobenzene	89
1,2,4-Trichlorobenzene	68 Q
Hexachlorobutadiene	72

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	108	70-130



AIR TOXICS LTD.
AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

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Page 1 of 1

Contact Person: Dani Labdeck
Company: BRS Australia Email: Daniela.Labdeck@brs.com.au
Address: 123, W. Lakeshore City NSW Sydney State NSW 2000
Phone: (02) 8925 5720 Fax: 8925

Project Info:
P.O. # _____
Project # 4321-7288
Project Name: Onica Security
Turn Around Time: Normal Rush
Lab Use Only: Pressurized by: BS Date: 9/19/05
Pressurization Gas: N₂ He _____

Lab I.D.	Field Sample I.D. (Location)	Date	Time	Analyses Requested	Canister Pressure/Vacuum		
					Initial	Final	Receipt Final

O1A	AB1	9/19/05		Full TO15 Screen	-30	-8	7.5	10.0	5.0
O2A	AB2	9/19/05		Full TO15 Screen	-25	-9	9.0	10.0	5.0
O3A	AB3	9/19/05		Full TO15 Screen	-30	-8	7.5	10.0	5.0
O4A	AB4	9/19/05		Full TO15 Screen	-26	-7	10.0	10.0	5.0
OSA	QA1	9/19/05		Full TO15 Screen	-30	-8	7.5	10.0	5.0

Relinquished by: (signature) WBS Date/Time 9/19/05 1:02 Received by: (signature) THOMAS J. JENNER Date/Time 9/19/05 10:35
Notes: _____
Relinquished by: (signature) _____ Date/Time _____ Received by: (signature) _____ Date/Time _____

Shipper Name: _____ Air Bill # _____ Temp (°C) _____ Condition: Good Custody Seals Intact? Yes No None
Use Only: BS 9251-345 6230-0407 Work Order # 0509218