AIR TOXICS LTD.

SAMPLE NAME: LCSD

ID#: 0310266-05AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b101405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/03 10:54 AM**	

Compound	%Recovery
Cumene	90
Propylbenzene	63
Chloromethane	85
1,2,4-Trichlorobenzene	87
Hexachlorobutadiene	79
Acetone	71
Carbon Disulfide	84
2-Propanol	73
trans-1,2-Dichloroethene	95
Vinyl Acetate	72
2-Butanone (Methyl Ethyl Ketone)	76
Tetrahydrofuran	72
1,4-Dioxane	90
4-Methyl-2-pentanone	71
2-Hexanone	66
Bromoform	68
4-Ethyltoluene	70
Methyl tert-butyl ether	82
Ethanol	79

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	90	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0310528

Work Order Summary

CLIENT:	Mr. Sree Akkenapally Geofon 22632 Golden Springs Dr. Suite 270 Diamond Bar, CA 91765	**BILL TO:**	Mr. Sree Akkenapally Geofon 22632 Golden Springs Dr. Suite 270 Diamond Bar, CA 91765
PHONE:	909-396-7662	**P.O. #**	
FAX:	909-396-1455	**PROJECT #**	04-4428.10 JPL #2
DATE RECEIVED:	10/28/03	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	11/10/03		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VE04-INN-023-001	Modified TO-14A	Tedlar Bag
02A	VE04-EFF-023-002	Modified TO-14A	Tedlar Bag
03A	Lab Blank	Modified TO-14A	NA
04A	CCV	Modified TO-14A	NA
05A	LCS	Modified TO-14A	NA
05AA	LCSD	Modified TO-14A	NA

CERTIFIED BY: Linda A. Truman DATE: 11/10/03

Laboratory Director

Certfication numbers: AR DEQ, 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: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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

LABORATORY NARRATIVE
Modified TO-14A
Geofon
Workorder# 0310528

Two 1 Liter Tedlar Bag samples were received on October 28, 2003. The laboratory performed analysis via modified EPA Method TO-14A using GC/MS in the full scan mode. The method involves concentrating up to 0.5 liters 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. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	*TO-14A*	*ATL Modifications*
Continuing Calibration criteria	</= 30% Difference	</= 30% Difference with two allowed out to </= 40% Difference; flag and narrate outliers
Initial Calibration criteria	RSD<30%	RSD</=30%, two compounds allowed up to 40%.
Moisture control	Nafion Dryer	Multisorbent trap
Blank acceptance criteria	<0.20 ppbv	<Reporting Limit
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters	Syringe dilutions
BFB absolute abundance criteria	Within 10% of that from previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40% D
Sample Load Volume	400 mL	Varied to 200 mL

Receiving Notes

The chain of custody was not relinquished properly. The discrepancy was noted in the Login email.

Analytical Notes

The daily calibration standard (CCV) analyzed on 10/30/2003 did not meet laboratory required acceptance criteria of 70-130% recovery for Bromomethane. Recovery was high and no hits were detected in the associated samples. There was no impact on sample results.

Definition of Data Qualifying Flags

Eight 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 no 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

3310528

GEOFON INCORPORATED

22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

FACILITY / LAB COORDINATOR: J. ROBINSON	LAB COORDINATOR'S PHONE: 909-396-7662	LAB COORDINATOR'S FAX: 909-396-1455	LABORATORY SERVICE ID: AIR TOXICS	LABORATORY CONTACT: JENNIFER MILLER	MAIL REPORT ACCOMPANY NAME: GEOFON INC
PROJECT NAME: JPL #2	PROJECT LOCATION: JPL Y7304	PROJECT NUMBER: 04-4428-10	LABORATORY PHONE: 916-985-1000	LABORATORY FAX: 916-985-1020	RECEIVED NAME: J. ROBINSON
PROJECT CONTACT: J. ROBINSON	PROJECT PHONE NUMBER: 714-920-8438	PROJECT FAX: N/A	LABORATORY ADDRESS: 180 BLUE RAVINE ROAD #B	ADDRESS: #270 22632 GOLDEN SPRINGS DR	
PROJECT ADDRESS: 4800 OAK GROVE DR	CITY, STATE AND ZIPCODE: PASADENA CA 91108	CLIENT: US NAVY SWDIV	CITY, STATE AND ZIPCODE: FOLSOM CA 95630	CITY, STATE AND ZIPCODE: DIAMOND BAR CA 91765	
PROJECT MANAGER: ASRAR FAHEEM	PROJECT MANAGER'S PHONE: 909-396-7662	PROJECT MANAGER'S FAX: 909-396-1455			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Comments
1	VE04-INN-023-001	AIR	10/23/03	1105	NONE	1*	3	NORM	X	1*L TEDLAR BAG
2	VE04-EFF-023-002	AIR	10/23/03	1110	NONE	1*	3	NORM	X	SCRUBBER - INFLUENT
3										SCRUBBER - EFFLUENT
4										
5										
6										
7										
8										CUSTODY SEAL INTACT?
9										Y N NONE TEMP
10										

SAMPLES COLLECTED BY: [signature] — COURIER AND AIR BILL NUMBER: FEDEX - 8385-7521-7010 — COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]	[signature] ATL	10/28/03	915	Good

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

AIR TOXICS LTD.

SAMPLE NAME: VE04-EFF-021-002

ID#: 0310266-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b101411**	**Date of Collection:**	**10/13/03**
Dil. Factor:	**1.00**	**Date of Analysis:**	**10/14/03 03:39 PM**

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Cumene	0.50	2.5	Not Detected	Not Detected
Propylbenzene	0.50	2.5	Not Detected	Not Detected
Chloromethane	2.0	4.2	Not Detected	Not Detected
1,2,4-Trichlorobenzene	2.0	15	Not Detected	Not Detected
Hexachlorobutadiene	2.0	22	Not Detected	Not Detected
Acetone	2.0	4.8	68	160
Carbon Disulfide	2.0	6.3	Not Detected	Not Detected
2-Propanol	2.0	5.0	6.6	16
trans-1,2-Dichloroethene	2.0	8.0	Not Detected	Not Detected
Vinyl Acetate	2.0	7.2	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	6.0	30	91
Tetrahydrofuran	2.0	6.0	Not Detected	Not Detected
1,4-Dioxane	2.0	7.3	Not Detected	Not Detected
4-Methyl-2-pentanone	2.0	8.3	Not Detected	Not Detected
2-Hexanone	2.0	8.3	3.2	13
Bromoform	2.0	21	Not Detected	Not Detected
4-Ethyltoluene	2.0	10	Not Detected	Not Detected
Methyl tert-butyl ether	2.0	7.3	Not Detected	Not Detected
Ethanol	2.0	3.8	62	120

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	90	70-130

AIR TOXICS LTD.

SAMPLE NAME: VE04-INN-023-001

ID#: 0310528-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b103009	Date of Collection: 10/27/03
Dil. Factor:	1.33	Date of Analysis: 10/30/03 03:43 PM

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.66	3.3	7.8	39
Freon 114	0.66	4.7	Not Detected	Not Detected
Vinyl Chloride	0.66	1.7	Not Detected	Not Detected
Bromomethane	0.66	2.6	Not Detected	Not Detected
Chloroethane	0.66	1.8	Not Detected	Not Detected
Freon 11	0.66	3.8	23	130
1,1-Dichloroethene	0.66	2.7	2.7	11
Freon 113	0.66	5.2	17	130
Methylene Chloride	0.66	2.3	5.6	20
1,1-Dichloroethane	0.66	2.7	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.66	2.7	Not Detected	Not Detected
Chloroform	0.66	3.3	24	120
1,1,1-Trichloroethane	0.66	3.7	1.4	7.9
Carbon Tetrachloride	0.66	4.2	18	110
Benzene	0.66	2.2	Not Detected	Not Detected
1,2-Dichloroethane	0.66	2.7	Not Detected	Not Detected
Trichloroethene	0.66	3.6	150	800
1,2-Dichloropropane	0.66	3.1	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.66	3.1	Not Detected	Not Detected
Toluene	0.66	2.5	4.9	19
trans-1,3-Dichloropropene	0.66	3.1	Not Detected	Not Detected
1,1,2-Trichloroethane	0.66	3.7	Not Detected	Not Detected
Tetrachloroethene	0.66	4.6	10	72
1,2-Dibromoethane (EDB)	0.66	5.2	Not Detected	Not Detected
Chlorobenzene	0.66	3.1	Not Detected	Not Detected
Ethyl Benzene	0.66	2.9	Not Detected	Not Detected
m,p-Xylene	0.66	2.9	1.1	4.8
o-Xylene	0.66	2.9	Not Detected	Not Detected
Styrene	0.66	2.9	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.66	4.6	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.66	3.3	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.66	3.3	Not Detected	Not Detected
1,3-Dichlorobenzene	0.66	4.1	Not Detected	Not Detected
1,4-Dichlorobenzene	0.66	4.1	Not Detected	Not Detected
alpha-Chlorotoluene	0.66	3.5	Not Detected	Not Detected
1,2-Dichlorobenzene	0.66	4.1	Not Detected	Not Detected
1,3-Butadiene	0.66	1.5	Not Detected	Not Detected
Hexane	0.66	2.4	1.3	4.6
Cyclohexane	0.66	2.3	0.82	2.9
Heptane	0.66	2.8	0.99	4.1
Bromodichloromethane	0.66	4.5	1.2	8.4
Dibromochloromethane	0.66	5.8	Not Detected	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: VE04-INN-023-001

ID#: 0310528-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103009**	**Date of Collection:**	**10/27/03**
Dil. Factor:	**1.33**	**Date of Analysis:**	**10/30/03 03:43 PM**

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Cumene	0.66	3.3	Not Detected	Not Detected
Propylbenzene	0.66	3.3	Not Detected	Not Detected
Chloromethane	2.7	5.6	Not Detected	Not Detected
1,2,4-Trichlorobenzene	2.7	20	Not Detected	Not Detected
Hexachlorobutadiene	2.7	29	Not Detected	Not Detected
Acetone	2.7	6.4	80	190
Carbon Disulfide	2.7	8.4	13	41
2-Propanol	2.7	6.6	17	44
trans-1,2-Dichloroethene	2.7	11	Not Detected	Not Detected
Vinyl Acetate	2.7	9.5	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.7	8.0	34	100
Tetrahydrofuran	2.7	8.0	Not Detected	Not Detected
1,4-Dioxane	2.7	9.7	Not Detected	Not Detected
4-Methyl-2-pentanone	2.7	11	Not Detected	Not Detected
2-Hexanone	2.7	11	Not Detected	Not Detected
Bromoform	2.7	28	Not Detected	Not Detected
4-Ethyltoluene	2.7	13	Not Detected	Not Detected
Methyl tert-butyl ether	2.7	9.7	Not Detected	Not Detected
Ethanol	2.7	5.1	72	140

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	85	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	82	70-130

AIR TOXICS LTD.

SAMPLE NAME: VE04-EFF-023-002

ID#: 0310528-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103010**	**Date of Collection:**	**10/27/03**
Dil. Factor:	**1.00**	**Date of Analysis:**	**10/30/03 04:26 PM**

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.50	2.5	21	100
Freon 114	0.50	3.6	Not Detected	Not Detected
Vinyl Chloride	0.50	1.3	Not Detected	Not Detected
Bromomethane	0.50	2.0	Not Detected	Not Detected
Chloroethane	0.50	1.3	9.8	26
Freon 11	0.50	2.8	37	210
1,1-Dichloroethene	0.50	2.0	1.4	5.6
Freon 113	0.50	3.9	44	340
Methylene Chloride	0.50	1.8	1.5	5.4
1,1-Dichloroethane	0.50	2.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Chloroform	0.50	2.5	0.57	2.8
1,1,1-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Carbon Tetrachloride	0.50	3.2	Not Detected	Not Detected
Benzene	0.50	1.6	Not Detected	Not Detected
1,2-Dichloroethane	0.50	2.0	Not Detected	Not Detected
Trichloroethene	0.50	2.7	Not Detected	Not Detected
1,2-Dichloropropane	0.50	2.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
Toluene	0.50	1.9	3.8	14
trans-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
1,1,2-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Tetrachloroethene	0.50	3.4	Not Detected	Not Detected
1,2-Dibromoethane (EDB)	0.50	3.9	Not Detected	Not Detected
Chlorobenzene	0.50	2.3	Not Detected	Not Detected
Ethyl Benzene	0.50	2.2	Not Detected	Not Detected
m,p-Xylene	0.50	2.2	0.63	2.8
o-Xylene	0.50	2.2	Not Detected	Not Detected
Styrene	0.50	2.2	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.50	3.5	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
1,4-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
alpha-Chlorotoluene	0.50	2.6	Not Detected	Not Detected
1,2-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
1,3-Butadiene	0.50	1.1	Not Detected	Not Detected
Hexane	0.50	1.8	Not Detected	Not Detected
Cyclohexane	0.50	1.7	Not Detected	Not Detected
Heptane	0.50	2.1	0.84	3.5
Bromodichloromethane	0.50	3.4	Not Detected	Not Detected
Dibromochloromethane	0.50	4.3	Not Detected	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: VE04-EFF-023-002

ID#: 0310528-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103010**	**Date of Collection:**	**10/27/03**
Dil. Factor:	**1.00**	**Date of Analysis:**	**10/30/03 04:26 PM**

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Cumene	0.50	2.5	Not Detected	Not Detected
Propylbenzene	0.50	2.5	Not Detected	Not Detected
Chloromethane	2.0	4.2	Not Detected	Not Detected
1,2,4-Trichlorobenzene	2.0	15	Not Detected	Not Detected
Hexachlorobutadiene	2.0	22	Not Detected	Not Detected
Acetone	2.0	4.8	43	100
Carbon Disulfide	2.0	6.3	4.6	15
2-Propanol	2.0	5.0	13	34
trans-1,2-Dichloroethene	2.0	8.0	Not Detected	Not Detected
Vinyl Acetate	2.0	7.2	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	6.0	21	64
Tetrahydrofuran	2.0	6.0	Not Detected	Not Detected
1,4-Dioxane	2.0	7.3	Not Detected	Not Detected
4-Methyl-2-pentanone	2.0	8.3	Not Detected	Not Detected
2-Hexanone	2.0	8.3	2.2	9.1
Bromoform	2.0	21	Not Detected	Not Detected
4-Ethyltoluene	2.0	10	Not Detected	Not Detected
Methyl tert-butyl ether	2.0	7.3	Not Detected	Not Detected
Ethanol	2.0	3.8	19	37

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	87	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	82	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0310528-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b103007	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/30/03 02:28 PM	

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	0.50	2.5	Not Detected	Not Detected
Freon 114	0.50	3.6	Not Detected	Not Detected
Vinyl Chloride	0.50	1.3	Not Detected	Not Detected
Bromomethane	0.50	2.0	Not Detected	Not Detected
Chloroethane	0.50	1.3	Not Detected	Not Detected
Freon 11	0.50	2.8	Not Detected	Not Detected
1,1-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Freon 113	0.50	3.9	Not Detected	Not Detected
Methylene Chloride	0.50	1.8	Not Detected	Not Detected
1,1-Dichloroethane	0.50	2.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.50	2.0	Not Detected	Not Detected
Chloroform	0.50	2.5	Not Detected	Not Detected
1,1,1-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Carbon Tetrachloride	0.50	3.2	Not Detected	Not Detected
Benzene	0.50	1.6	Not Detected	Not Detected
1,2-Dichloroethane	0.50	2.0	Not Detected	Not Detected
Trichloroethene	0.50	2.7	Not Detected	Not Detected
1,2-Dichloropropane	0.50	2.3	Not Detected	Not Detected
cis-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
Toluene	0.50	1.9	Not Detected	Not Detected
trans-1,3-Dichloropropene	0.50	2.3	Not Detected	Not Detected
1,1,2-Trichloroethane	0.50	2.8	Not Detected	Not Detected
Tetrachloroethene	0.50	3.4	Not Detected	Not Detected
1,2-Dibromoethane (EDB)	0.50	3.9	Not Detected	Not Detected
Chlorobenzene	0.50	2.3	Not Detected	Not Detected
Ethyl Benzene	0.50	2.2	Not Detected	Not Detected
m,p-Xylene	0.50	2.2	Not Detected	Not Detected
o-Xylene	0.50	2.2	Not Detected	Not Detected
Styrene	0.50	2.2	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	0.50	3.5	Not Detected	Not Detected
1,3,5-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,2,4-Trimethylbenzene	0.50	2.5	Not Detected	Not Detected
1,3-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
1,4-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
alpha-Chlorotoluene	0.50	2.6	Not Detected	Not Detected
1,2-Dichlorobenzene	0.50	3.0	Not Detected	Not Detected
1,3-Butadiene	0.50	1.1	Not Detected	Not Detected
Hexane	0.50	1.8	Not Detected	Not Detected
Cyclohexane	0.50	1.7	Not Detected	Not Detected
Heptane	0.50	2.1	Not Detected	Not Detected
Bromodichloromethane	0.50	3.4	Not Detected	Not Detected
Dibromochloromethane	0.50	4.3	Not Detected	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0310528-03A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/03 02:28 PM**	

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Cumene	0.50	2.5	Not Detected	Not Detected
Propylbenzene	0.50	2.5	Not Detected	Not Detected
Chloromethane	2.0	4.2	Not Detected	Not Detected
1,2,4-Trichlorobenzene	2.0	15	Not Detected	Not Detected
Hexachlorobutadiene	2.0	22	Not Detected	Not Detected
Acetone	2.0	4.8	Not Detected	Not Detected
Carbon Disulfide	2.0	6.3	Not Detected	Not Detected
2-Propanol	2.0	5.0	Not Detected	Not Detected
trans-1,2-Dichloroethene	2.0	8.0	Not Detected	Not Detected
Vinyl Acetate	2.0	7.2	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	6.0	Not Detected	Not Detected
Tetrahydrofuran	2.0	6.0	Not Detected	Not Detected
1,4-Dioxane	2.0	7.3	Not Detected	Not Detected
4-Methyl-2-pentanone	2.0	8.3	Not Detected	Not Detected
2-Hexanone	2.0	8.3	Not Detected	Not Detected
Bromoform	2.0	21	Not Detected	Not Detected
4-Ethyltoluene	2.0	10	Not Detected	Not Detected
Methyl tert-butyl ether	2.0	7.3	Not Detected	Not Detected
Ethanol	2.0	3.8	Not Detected	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	86	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	82	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0310528-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/03 10:09 AM**	

Compound	%Recovery
Freon 12	95
Freon 114	93
Vinyl Chloride	92
Bromomethane	131 Q
Chloroethane	83
Freon 11	92
1,1-Dichloroethene	89
Freon 113	107
Methylene Chloride	81
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	90
Chloroform	96
1,1,1-Trichloroethane	99
Carbon Tetrachloride	102
Benzene	91
1,2-Dichloroethane	88
Trichloroethene	102
1,2-Dichloropropane	93
cis-1,3-Dichloropropene	108
Toluene	110
trans-1,3-Dichloropropene	92
1,1,2-Trichloroethane	101
Tetrachloroethene	107
1,2-Dibromoethane (EDB)	109
Chlorobenzene	103
Ethyl Benzene	98
m,p-Xylene	101
o-Xylene	97
Styrene	102
1,1,2,2-Tetrachloroethane	86
1,3,5-Trimethylbenzene	82
1,2,4-Trimethylbenzene	87
1,3-Dichlorobenzene	81
1,4-Dichlorobenzene	78
alpha-Chlorotoluene	90
1,2-Dichlorobenzene	83
1,3-Butadiene	82
Hexane	88
Cyclohexane	100
Heptane	81
Bromodichloromethane	107
Dibromochloromethane	113

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0310528-04A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/03 10:09 AM**	

Compound	%Recovery
Cumene	91
Propylbenzene	84
Chloromethane	80
1,2,4-Trichlorobenzene	93
Hexachlorobutadiene	95
Acetone	72
Carbon Disulfide	89
2-Propanol	78
trans-1,2-Dichloroethene	93
Vinyl Acetate	77
2-Butanone (Methyl Ethyl Ketone)	77
Tetrahydrofuran	73
1,4-Dioxane	103
4-Methyl-2-pentanone	83
2-Hexanone	77
Bromoform	99
4-Ethyltoluene	85
Methyl tert-butyl ether	90
Ethanol	79

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	86	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	83	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0310528-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b103003	Date of Collection: NA	
Dil. Factor:	1.00	Date of Analysis: 10/30/03 10:44 AM	

Compound	%Recovery
Freon 12	105
Freon 114	103
Vinyl Chloride	102
Bromomethane	141 Q
Chloroethane	91
Freon 11	90
1,1-Dichloroethene	84
Freon 113	102
Methylene Chloride	79
1,1-Dichloroethane	81
cis-1,2-Dichloroethene	91
Chloroform	94
1,1,1-Trichloroethane	93
Carbon Tetrachloride	102
Benzene	100
1,2-Dichloroethane	92
Trichloroethene	110
1,2-Dichloropropane	95
cis-1,3-Dichloropropene	107
Toluene	112
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	104
Tetrachloroethene	120
1,2-Dibromoethane (EDB)	100
Chlorobenzene	106
Ethyl Benzene	99
m,p-Xylene	100
o-Xylene	95
Styrene	106
1,1,2,2-Tetrachloroethane	83
1,3,5-Trimethylbenzene	71
1,2,4-Trimethylbenzene	74
1,3-Dichlorobenzene	78
1,4-Dichlorobenzene	70
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	79
1,3-Butadiene	95
Hexane	86
Cyclohexane	96
Heptane	80
Bromodichloromethane	99
Dibromochloromethane	114

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0310528-05A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/03 10:44 AM**	

Compound	%Recovery
Cumene	96
Propylbenzene	64
Chloromethane	84
1,2,4-Trichlorobenzene	77
Hexachlorobutadiene	74
Acetone	71
Carbon Disulfide	90
2-Propanol	76
trans-1,2-Dichloroethene	98
Vinyl Acetate	75
2-Butanone (Methyl Ethyl Ketone)	75
Tetrahydrofuran	71
1,4-Dioxane	104
4-Methyl-2-pentanone	80
2-Hexanone	75
Bromoform	90
4-Ethyltoluene	71
Methyl tert-butyl ether	88
Ethanol	78

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	86	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	81	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCSD

ID#: 0310528-05AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/03 11:12 AM**	

Compound	%Recovery
Freon 12	102
Freon 114	101
Vinyl Chloride	100
Bromomethane	143 Q
Chloroethane	94
Freon 11	88
1,1-Dichloroethene	83
Freon 113	102
Methylene Chloride	77
1,1-Dichloroethane	79
cis-1,2-Dichloroethene	89
Chloroform	93
1,1,1-Trichloroethane	93
Carbon Tetrachloride	101
Benzene	99
1,2-Dichloroethane	89
Trichloroethene	109
1,2-Dichloropropane	92
cis-1,3-Dichloropropene	105
Toluene	108
trans-1,3-Dichloropropene	97
1,1,2-Trichloroethane	104
Tetrachloroethene	119
1,2-Dibromoethane (EDB)	99
Chlorobenzene	106
Ethyl Benzene	97
m,p-Xylene	100
o-Xylene	93
Styrene	107
1,1,2,2-Tetrachloroethane	83
1,3,5-Trimethylbenzene	71
1,2,4-Trimethylbenzene	74
1,3-Dichlorobenzene	80
1,4-Dichlorobenzene	71
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	81
1,3-Butadiene	96
Hexane	86
Cyclohexane	99
Heptane	79
Bromodichloromethane	96
Dibromochloromethane	114

AIR TOXICS LTD.

SAMPLE NAME: LCSD

ID#: 0310528-05AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b103004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/03 11:12 AM**	

Compound	%Recovery
Cumene	96
Propylbenzene	64
Chloromethane	83
1,2,4-Trichlorobenzene	76
Hexachlorobutadiene	74
Acetone	70
Carbon Disulfide	89
2-Propanol	77
trans-1,2-Dichloroethene	99
Vinyl Acetate	74
2-Butanone (Methyl Ethyl Ketone)	76
Tetrahydrofuran	71
1,4-Dioxane	104
4-Methyl-2-pentanone	77
2-Hexanone	75
Bromoform	90
4-Ethyltoluene	72
Methyl tert-butyl ether	88
Ethanol	80

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	85	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	83	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0311183

Work Order Summary

CLIENT:	Mr. Sree Akkenapally Geofon 22632 Golden Springs Dr. Suite 270 Diamond Bar, CA 91765	**BILL TO:**	Mr. Sree Akkenapally Geofon 22632 Golden Springs Dr. Suite 270 Diamond Bar, CA 91765
PHONE:	909-396-7662	**P.O. #**	
FAX:	909-396-1455	**PROJECT #**	04-4428-10 JPL #2
DATE RECEIVED:	11/12/03	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	11/18/03		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VE04-INN-025-001	Modified TO-14A	Tedlar Bag
01AA	VE04-INN-025-001 Duplicate	Modified TO-14A	Tedlar Bag
02A	VE04-EFF-025-002	Modified TO-14A	Tedlar Bag
03A	Lab Blank	Modified TO-14A	NA
04A	CCV	Modified TO-14A	NA
05A	LCS	Modified TO-14A	NA
05AA	LCSD	Modified TO-14A	NA

CERTIFIED BY: Linda J. Fruman DATE: 11/18/03

Laboratory Director

Certfication numbers: AR DEQ, 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: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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

LABORATORY NARRATIVE
Modified TO-14A
Geofon
Workorder# 0311183

Two 1 Liter Tedlar Bag samples were received on November 12, 2003. The laboratory performed analysis via modified EPA Method TO-14A using GC/MS in the full scan mode. The method involves concentrating up to 0.5 liters 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. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	*TO-14A*	*ATL Modifications*
Continuing Calibration criteria	</= 30% Difference	</= 30% Difference with two allowed out to </= 40% Difference; flag and narrate outliers
Initial Calibration criteria	RSD<30%	RSD</=30%, two compounds allowed up to 40%.
Moisture control	Nafion Dryer	Multisorbent trap
Blank acceptance criteria	<0.20 ppbv	<Reporting Limit
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters	Syringe dilutions
BFB absolute abundance criteria	Within 10% of that from previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40% D
Sample Load Volume	400 mL	Varied to 200 mL

Receiving Notes

The chain of custody was not relinquished properly. The discrepancy was noted in the Login email.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight 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

0311183

GEOFON INCORPORATED

22632 GOLDEN SPRINGS DR., SUITE 270
DIAMOND BAR, CA 91765 • (909) 396-7662 • FAX (909) 396-1455

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY

SENDING LAB COORDINATOR: J. ROBINSON	LAB COORDINATOR'S PHONE: 909-396-7662	LAB COORDINATOR'S FAX: 909-396-1455	LABORATORY SERVICE ID: AIR TOXICS	LABORATORY CONTACT: JENNIFER MILLER	MAIL REPORT (COMPANY NAME): GEOFON INC
PROJECT NAME: JPL #2	PROJECT LOCATION: JPL - VE04	PROJECT NUMBER: 04-4428-1B	LABORATORY PHONE: 916-985-1000	LABORATORY FAX: 916-985-1020	RECIPIENT NAME: T. ROBINSON
PROJECT CONTACT: J. ROBINSON	PROJECT PHONE NUMBER: 714-970-8478	PROJECT FAX: N/A	LABORATORY ADDRESS: 180 BLUE RAVINE ROAD #B		ADDRESS: 22632 GOLDEN SPRINGS DR #270
PROJECT ADDRESS: 4800 OAK GROVE DR	CITY, STATE AND ZIPCODE: PASADENA CA 91108	CLIENT: US NAVY SWDIV	CITY, STATE AND ZIPCODE: FOLSUM CA 95630		CITY, STATE AND ZIPCODE: DIAMOND BAR CA 91765
PROJECT MANAGER: ADAM FATHOLLAH	PROJECT MANAGER'S PHONE: 909-396-7662	PROJECT MANAGER'S FAX: 909-396-1455			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T	Analyses TO-14	Comments
1	VE04-INN-025-001	AIR	11/11/03	1310	NONE	1*	3	NORM	X	1* L TEDLAR BAG SCREEN — INFLUENT
2	VE04-EFF-025-002	AIR	11/11/03	1315	NONE	1*	3	NORM	X	SCREEN - EFFLUENT
3										
4										
5										
6										
7										
8										
9										
10										

CUSTODY SEAL INTACT?
Y N NONE TEMP? —

SAMPLES COLLECTED BY: [signature]

COURIER AND AIR BILL NUMBER: FED EX — 9385 7521 7020

COOLER TEMPERATURE UPON RECEIPT: N/A

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]	Laurel Morrow AR	11/12/03	1020	Good

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Yellow - Project Data Manager

AIR TOXICS LTD.

SAMPLE NAME: VE04-INN-025-001

ID#: 0311183-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b111219	Date of Collection:	11/11/03
Dil. Factor:	2.00	Date of Analysis:	11/12/03 04:13 PM

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	1.0	5.0	14	73
Freon 114	1.0	7.1	Not Detected	Not Detected
Vinyl Chloride	1.0	2.6	Not Detected	Not Detected
Bromomethane	1.0	3.9	Not Detected	Not Detected
Chloroethane	1.0	2.7	Not Detected	Not Detected
Freon 11	1.0	5.7	46	260
1,1-Dichloroethene	1.0	4.0	5.7	23
Freon 113	1.0	7.8	25	190
Methylene Chloride	1.0	3.5	Not Detected	Not Detected
1,1-Dichloroethane	1.0	4.1	Not Detected	Not Detected
cis-1,2-Dichloroethene	1.0	4.0	1.2	4.9
Chloroform	1.0	5.0	40	200
1,1,1-Trichloroethane	1.0	5.5	2.4	13
Carbon Tetrachloride	1.0	6.4	30	190
Benzene	1.0	3.2	Not Detected	Not Detected
1,2-Dichloroethane	1.0	4.1	Not Detected	Not Detected
Trichloroethene	1.0	5.5	220	1200
1,2-Dichloropropane	1.0	4.7	Not Detected	Not Detected
cis-1,3-Dichloropropene	1.0	4.6	Not Detected	Not Detected
Toluene	1.0	3.8	1.9	7.5
trans-1,3-Dichloropropene	1.0	4.6	Not Detected	Not Detected
1,1,2-Trichloroethane	1.0	5.5	Not Detected	Not Detected
Tetrachloroethene	1.0	6.9	15	100
1,2-Dibromoethane (EDB)	1.0	7.8	Not Detected	Not Detected
Chlorobenzene	1.0	4.7	Not Detected	Not Detected
Ethyl Benzene	1.0	4.4	Not Detected	Not Detected
m,p-Xylene	1.0	4.4	Not Detected	Not Detected
o-Xylene	1.0	4.4	Not Detected	Not Detected
Styrene	1.0	4.3	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	1.0	7.0	Not Detected	Not Detected
1,3,5-Trimethylbenzene	1.0	5.0	Not Detected	Not Detected
1,2,4-Trimethylbenzene	1.0	5.0	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
alpha-Chlorotoluene	1.0	5.3	Not Detected	Not Detected
1,2-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
1,3-Butadiene	1.0	2.2	Not Detected	Not Detected
Hexane	1.0	3.6	Not Detected	Not Detected
Cyclohexane	1.0	3.5	Not Detected	Not Detected
Heptane	1.0	4.2	Not Detected	Not Detected
Bromodichloromethane	1.0	6.8	1.8	12
Dibromochloromethane	1.0	8.6	Not Detected	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: VE04-INN-025-001

ID#: 0311183-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	**b111219**	**Date of Collection:**	**11/11/03**
Dil. Factor:	**2.00**	**Date of Analysis:**	**11/12/03 04:13 PM**

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Cumene	1.0	5.0	Not Detected	Not Detected
Propylbenzene	1.0	5.0	Not Detected	Not Detected
Chloromethane	4.0	8.4	Not Detected	Not Detected
1,2,4-Trichlorobenzene	4.0	30	Not Detected	Not Detected
Hexachlorobutadiene	4.0	43	Not Detected	Not Detected
Acetone	4.0	9.6	88	210
Carbon Disulfide	4.0	13	Not Detected	Not Detected
2-Propanol	4.0	10	12	30
trans-1,2-Dichloroethene	4.0	16	Not Detected	Not Detected
Vinyl Acetate	4.0	14	Not Detected	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.0	12	36	110
Tetrahydrofuran	4.0	12	Not Detected	Not Detected
1,4-Dioxane	4.0	15	Not Detected	Not Detected
4-Methyl-2-pentanone	4.0	17	Not Detected	Not Detected
2-Hexanone	4.0	17	Not Detected	Not Detected
Bromoform	4.0	42	Not Detected	Not Detected
4-Ethyltoluene	4.0	20	Not Detected	Not Detected
Methyl tert-butyl ether	4.0	15	Not Detected	Not Detected
Ethanol	4.0	7.7	Not Detected	Not Detected

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: VE04-INN-025-001 Duplicate

ID#: 0311183-01AA

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	b111220	Date of Collection:	11/11/03
Dil. Factor:	2.00	Date of Analysis:	11/12/03 04:53 PM

Compound	Rpt. Limit (ppbv)	Rpt. Limit (uG/m3)	Amount (ppbv)	Amount (uG/m3)
Freon 12	1.0	5.0	14	71
Freon 114	1.0	7.1	Not Detected	Not Detected
Vinyl Chloride	1.0	2.6	Not Detected	Not Detected
Bromomethane	1.0	3.9	Not Detected	Not Detected
Chloroethane	1.0	2.7	Not Detected	Not Detected
Freon 11	1.0	5.7	46	260
1,1-Dichloroethene	1.0	4.0	5.4	22
Freon 113	1.0	7.8	25	200
Methylene Chloride	1.0	3.5	Not Detected	Not Detected
1,1-Dichloroethane	1.0	4.1	Not Detected	Not Detected
cis-1,2-Dichloroethene	1.0	4.0	1.1	4.6
Chloroform	1.0	5.0	41	200
1,1,1-Trichloroethane	1.0	5.5	2.2	12
Carbon Tetrachloride	1.0	6.4	30	200
Benzene	1.0	3.2	Not Detected	Not Detected
1,2-Dichloroethane	1.0	4.1	Not Detected	Not Detected
Trichloroethene	1.0	5.5	220	1200
1,2-Dichloropropane	1.0	4.7	Not Detected	Not Detected
cis-1,3-Dichloropropene	1.0	4.6	Not Detected	Not Detected
Toluene	1.0	3.8	1.9	7.5
trans-1,3-Dichloropropene	1.0	4.6	Not Detected	Not Detected
1,1,2-Trichloroethane	1.0	5.5	Not Detected	Not Detected
Tetrachloroethene	1.0	6.9	15	100
1,2-Dibromoethane (EDB)	1.0	7.8	Not Detected	Not Detected
Chlorobenzene	1.0	4.7	Not Detected	Not Detected
Ethyl Benzene	1.0	4.4	Not Detected	Not Detected
m,p-Xylene	1.0	4.4	Not Detected	Not Detected
o-Xylene	1.0	4.4	Not Detected	Not Detected
Styrene	1.0	4.3	Not Detected	Not Detected
1,1,2,2-Tetrachloroethane	1.0	7.0	Not Detected	Not Detected
1,3,5-Trimethylbenzene	1.0	5.0	Not Detected	Not Detected
1,2,4-Trimethylbenzene	1.0	5.0	Not Detected	Not Detected
1,3-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
1,4-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
alpha-Chlorotoluene	1.0	5.3	Not Detected	Not Detected
1,2-Dichlorobenzene	1.0	6.1	Not Detected	Not Detected
1,3-Butadiene	1.0	2.2	Not Detected	Not Detected
Hexane	1.0	3.6	Not Detected	Not Detected
Cyclohexane	1.0	3.5	Not Detected	Not Detected
Heptane	1.0	4.2	Not Detected	Not Detected
Bromodichloromethane	1.0	6.8	1.8	12
Dibromochloromethane	1.0	8.6	Not Detected	Not Detected