M60050.002530
MCAS EL TORO
SSIC #5090.3

OHM Remediation Services Corp.
A Member of The IT Group

April 2, 1999

Ms. Bozier H. Demaree, Code 02R.BD
Contracting Officer
Naval Facilities Engineering Command
Southwest Division
1220 Pacific Highway
San Diego, CA 92132-5187

Attention: Ms. Lynn Hornecker, 56MC.LMH

Subject: Update of SVE Analytical Results for the SVE Well Testing at Site 24
Contract N68711-93-D-1459, Delivery Order 065, DCN SW 6566
Removal and Remedial Actions at IRP Sites, MCAS El Toro, California

Dear Ms. Hornecker:

Attached are the copies of the preliminary fax copy of the laboratory analytical results for Site 24 SVE wells. Air samples were collected from the influent, midpoint and effluent of the SVE system. Analytical data from 2 SVE wells (24SVE-14, and 24SVE-54), 24PZ 14, 24 PZ 54 N & S and soil gas data from soil gas points 24SG 109B, 24SG 120,and 24SG 136 are included in this package.

Also, a preliminary analytical results data table for these analytical data are included in this package.

Additional data will be submitted as it is received, but these partial package is to help expedite your review of the data.

If you have any questions or need additional copies of the report, please let me know.

Sincerely,

William Sedlak, P.E.
Sr. Project Manager

Attachment: Analytical Data Hard Copy and Tables

cc: Lucreatria Holloway, SWDIV, COTR (1C/1E)
Crispin Wanyoike, Earth Tech, (1C/1E)
OHM PMO File (1C/1E)
Project File, Correspondence B.01

3347 Michelson Drive, Suite 200 ● Irvine, California 92612-1692 ● 949.261.6441 ● Fax: 949.474.8309

OHM Remediation Services Corp.
A Subsidiary of OHM Corporation

OHM TRANSMITTAL/DELIVERABLE RECEIPT

CONTRACT N68711-93-D-1459 **DOCUMENT CONTROL NO: SW6566**

TO: Contracting Officer
Naval Facilities Engineering Command
Southwest Division
Bozier H. Demaree, Code 02R.BD
Building 131
1220 Pacific Highway
San Diego, California 92132-5101

Date: 05-Apr-99

D.O.: 65

Location: MCAS EL TORO

FROM: Stewart Bornhoft, Program Manager

Edwin G. Bond, Contracts Manager

DESCRIPTION OF ENCLOSURE: ***Update of SVE Analytical Results for the SVE Well Testing at Site 24, Removal and Remedial Actions at IRP Sites, dated April 2, 1999***

TYPE: Contract Deliverable ( ) ($) D. O. Deliverable (X) (Tech) Request for Change ( ) Other ( )

VERSION: N/A **REVISION:** 0

ADMIN RECORD: Yes ( ) No (X) Category ( ) Confidential ( )

SCHEDULED DELIVERY DATE: 05-Apr-99 **ACTUAL DELIVERY DATE:** 05-Apr-99

NUMBER OF COPIES SUBMITTED TO THE NAVY: 1/O, 3/C, 2/E
[AS REQUIRED/DIRECTED BY THE (SOW)]

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Date/Time Received: _____ / _____

Doc Class: D-03

M60050.002530
MCAS EL TORO
SSIC # 5090.3

UPDATE OF SVE ANALYTICAL RESULTS FOR THE SVE WELL TESTING AT SITE 24

THE ABOVE REPORT WAS RECEIVED AS-IS.

QUESTIONS MAY BE DIRECTED TO:

DIANE C. SILVA
RECORDS MANAGEMENT SPECIALIST
SOUTHWEST DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132

TELEPHONE: (619) 532-3676

24SVE14 (Long Term)	Sample Number	18708-670	18708-671	18708-672	18708-673	18708-674	18708-675	18708-680(*)	18708-681	18708-682	18708-683
	Date Sampled	1/19/99	1/19/99	1/19/99	1/19/99	1/19/99	1/19/99	1/20/99	1/20/99	1/20/99	1/20/99
	Sample Location	Influent - 1hour	Mid - 1 hour	Eff - 1 hour	Inf - 4 hour	Mid - 4 hour	Eff - 4 hour	Inf - 1st day	Inf - 1st day (dup)	Mid - 1st day	Eff - 1st day
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	1900 (7.6)	3.4 (0.014)	ND	2500 (9.9)	3.3 (0.013)	ND	2600 (10)	760 (3)	8.0 (0.032)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	3700 (29)	2.6 (0.020)	ND	4300 (33)	ND	ND	4000 (31)	1200 (9.3)	3.8 (0.029)	ND
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	10 (0.025)	12 (0.028)
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	80000 (430)	ND	ND	1000000 (540)	2.7 (0.014)	ND	78000 (420)	23000 (120)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	1300 (9.1)	ND	ND	1700 (12)	ND	ND	1600 (11)	420 (2.9)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5 (0.011)
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	550 (3.4)	ND	ND	ND
	Sample Number	18708-690	18708-691	18708-692	18708-698	18708-699	18708-700	18708-707(*)	18708-708	18708-709	18708-710
	Date Sampled	1/21/99	1/21/99	1/21/99	1/22/99	1/22/99	1/22/99	1/25/99	1/25/99	1/25/99	1/25/99
	Sample Location	Inf - 2nd daily	Mid - 2nd daily	Eff - 2nd daily	Inf - 3rd daily	Mid - 3rd daily	Eff - 3rd daily	Inf - 4th daily	Inf - 4th daily (dup)	Mid - 4th daily	Eff - 4th daily
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	2200 (8.8)	3.2 (0.013)	ND	250 (0.99)	3.5 (0.014)	ND	1800 (7.0)	570 (2.3)	2.7 (0.011)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	4300 (33)	ND	ND	480 (3.7)	ND	ND	3600 (27)	1200 (9.4)	ND	ND
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	11 (0.026)	19 (0.044)
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	100000 (540)	4.3 (0.023)	ND	11000 (59)	ND	ND	76000 (410)	26000 (140)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	1900 (13)	ND	ND	190 (1.3)	ND	ND	1400 (9.5)	480 (3.2)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sample Number	18708-755 (**)	18708-756	18708-757	18708-805	18708-804	18708-803	18708-835	18708-836	18708-834	18708-833
	Date Sampled	2/2/99	2/2/99	2/2/99	2/9/99	2/9/99	2/9/99	2/16/99	2/16/99	2/16/99	2/16/99
	Sample Location	Inf - 1st weekly	Mid - 1st weekly	Eff - 1st weekly	Inf - 2nd weekly	Mid - 2nd weekly	ff - 2nd weekly	Inf - 3rd weekly	Inf - 3rd weekly (dup)	Mid - 3rd weekly	Eff - 3rd weekly
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	1100 (4.4)	5.1 (0.020)	ND	562 (2.2)	3.3 (0.013)	ND	1022 (4)	998 (4)	ND	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	3100 (24)	ND	ND	1890 (14)	ND	ND	3849 (29)	3673 (28)	ND	NA
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Methylene Chloride	ppb (ug/L)	ND	2.4 (0.0083)	ND	ND	2.0 (0.007)	ND	ND	ND	ND	NA
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Trichloroethene	ppb (ug/L)	34000 (180)	47 (0.25)	8.9 (0.048)	21100 (113)	ND	ND	31339 (168)	32051 (172)	ND	NA
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Tetrachloroethene	ppb (ug/L)	770 (5.2)	3.2 (0.021)	ND	369 (2.5)	ND	ND	704 (4.8)	706 (4.8)	ND	NA
Xylenes	ppb (ug/L)	ND	ND	2 (0.0087)	ND	ND	ND	ND	ND	ND	NA
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

Preli[illegible] Data

	Sample Number	18708-891 (***)	18708-890	18708-889	18708-920	18708-921	18708-919	18708-918	18708-930	18708-929	18708-928
	Date Sampled	2/23/99	2/23/99	2/23/99	3/15/99	3/15/99	3/15/99	3/15/99	3/26/99	3/26/99	3/26/99
	Sample Location	Inf - 4th weekly	Mid - 4th weekly	Eff - 4th weekly	Inf - 1st Monthly	Inf - 1st Monthly (dup)	id - 1st Monthly	Eff - 1st Monthly	Inf - Shut down	Mid - Shut down	Eff - Shut down
Analytes	Unit										
1,1-Dichloroethene	ppb (ug/L)	1267 (5)	14 (0.056)	ND	840 (3.3)	800 (3.2)	31 (0.12)	ND	600 J (2.4J)	90 (0.36)	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	5769 (44)	ND	ND	5800 (45)	5600 (43)	3.1 (0.024)	ND	5700 (43)	200 (1.5)	ND
Acetone	ppb (ug/L)	ND	10 (0.024)	14 (0.034)	ND	ND	ND	ND	ND	ND	40 (0.094)
Methylene Chloride	ppb (ug/L)	ND	5 (0.017)	ND	ND	ND	3.1 (0.011)	ND	ND	2.7 (0.0094)	2 (0.0071)
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	38202 (205)	ND	2.2 (0.012)	21000 (110)	20000 (110)	ND	ND	20000 (110)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	707 (4.8)	ND	ND	530 (3.6)	480 (3.3)	ND	ND	410 (2.8)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(*) = Acetone was also detected in the ambient blank.
(**) = Xylenes and 1,2,4-Trimethylbenzene were also detected in the ambient blank.
(***) = Trichloroethene (3.86ppb), Xylenes were also detected in the ambient.

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222417
FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Thizar Tintut-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: M9B230191	LABORATORY CONTACT: Maria Torres	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 14 @ Site 24	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 254-6610	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Thizar Tintut-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Chanterra		ADDRESS: 3347 Michelson Dr, Ste 200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana CA	CLIENT: Lynn Thunecker, SW Div	CITY, STATE AND ZIPCODE: Santa Ana CA		CITY, STATE, AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Yalak	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' Bag First

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: HCHO-Confirmatory	Comments
1	18708-888	Vapor	8/23/99	0925	Ambient	2	III	5 day	X		
2	18708-889	Vapor	8/23/99	0930	Ambient	2	III	24 hr		X	Analyze only if 18708-890 is detected
3	18708-890	Vapor	8/23/99	0932	Ambient	3	III	24 hr	X		
4	18708-891	Vapor	8/23/99	0935	Ambient	3	III	5 day	X		
5											
6											
7											
8											
9											
10											

F. Ruley 8/23/99

SAMPLES COLLECTED BY: Linda Ruley
COURIER AND AIR BILL NUMBER:
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Linda Ruley	[illegible]	8/23/99	1445	

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type: G	C	F	QC
1. 24SVE14 - Amb	X		X	X
2. 24SVE14 - Eff	X		X	
3. 24SVE14 - Mid	X		X	
4. 24SVE14 - Inf	X		X	

Comments
5th Week Sampling at SVE 14 @ Site 24

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

Quanterra Air Toxics Lab

Sample Name:	CR2HQ102 OHM	**Data Analyzed:**	23 Feb 1999 17:29
Misc. Info:	500ml 18708-888 B230191-1 TEDL	**Method:**	MSB0223
Data Name:	B1204.D	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.34	ND	2.00
3)	Chloromethane	-0.01	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.14	ND	2.00
9)	1,1-Dichloroethene		ND	2.00
10)	Carbon Disulfide	-0.09	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.07	ND	2.00
12)	Acetone	-0.06	ND	10.00
13)	Methylene Chloride	-0.05	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.12	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.01	ND	10.00
19)	Chloroform	0.13	ND	2.00
20)	1,1,1-Trichloroethane	0.06	ND	2.00
21)	Carbon Tetrachloride	0.03	ND	2.00
23)	Benzene	0.01	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.01	3.86	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	-0.38	ND	2.00
30)	4-Methyl-2-Pentanone	-0.08	ND	10.00
32)	Toluene	-0.04	ND ~~4.28~~ <RL	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	-0.20	ND	2.00
36)	Tetrachloroethene	-0.04	ND	2.00
37)	2-Hexanone	-0.01	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.01	ND	2.00
42)	p,&m-Xylene	0.02	2.67	2.00
43)	o-Xylene	0.02	ND	2.00
44)	Styrene	0.01	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CR2HQ102 OHM	**Data Analyzed:**	02/23/19 -1:7:
Misc. Info:	500ml 18708-888 B230191-1 T	**Method:**	MSB0223
Data Name:	B1204.D	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.16	ND	2.00
48)	Benzyl Chloride	-0.03	ND	10.00
49)	4-Ethyl Toluene	0.04	ND	2.00
50)	1,3,5-Trimethylbenzene	0.04	ND	2.00
51)	1,2,4-Trimethylbenzene	0.04	ND	2.00
52)	1,3-Dichlorobenzene	0.26	ND	2.00
53)	1,4-Dichlorobenzene	0.04	ND	2.00
54)	1,2-Dichlorobenzene	-0.48	ND	2.00
55)	1,2,4-Trichlorobenzene	0.03	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248330	232394	OK	7.14	7.09	OK
1,4-Difluorobenzene	1148937	1056389	OK	8.75	8.72	OK
Chlorobenzene-d5	573751	579877	OK	14.02	13.98	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.99	102.0
Toluene-d8	50	45.77	91.5
4-Bromofluorobenzene	50	47.37	94.7

Comments:

Foot Notes:

1st Review: LR 2/24/99

2nd Review: PM 2/24/99

D:\GCMSB\990222\B1203.D

Quanterra Air Toxics Lab

Sample Name:	CR2J2102 OHM	**Data Analyzed:**	23 Feb 1999 17:02
Misc. Info:	500ml 18708-889 8230191-2 TEDL	**Method:**	MSB0223
Data Name:	B1203.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSB\990222\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.30	ND	2.00
3) Chloromethane	-0.02	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.11	ND	2.00
9) 1,1-Dichloroethene		ND	2.00
10) Carbon Disulfide	-0.08	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.07	ND	2.00
12) Acetone	-0.06	14.19	10.00
13) Methylene Chloride	-0.04	ND	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	-0.03	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.01	ND	10.00
19) Chloroform	0.18	ND	2.00
20) 1,1,1-Trichloroethane	0.01	ND	2.00
21) Carbon Tetrachloride	0.05	ND	2.00
23) Benzene	-0.00	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	0.00	2.18	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene	0.18	ND	2.00
30) 4-Methyl-2-Pentanone	-0.01	ND	10.00
32) Toluene	-0.05	ND ~~2.23~~ < RL	~~2.00~~ 5
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	-0.18	ND	2.00
36) Tetrachloroethene	-0.04	ND	2.00
37) 2-Hexanone		ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene		ND	2.00
41) Ethylbenzene	-0.01	ND	2.00
42) p,&m-Xylene	0.00	ND	2.00
43) o-Xylene	-0.03	ND	2.00
44) Styrene	-0.02	ND	2.00
45) Bromoform	-0.07	ND	2.00

Sample Name:	CR2J2102 OHM	**Data Analyzed:**	02/23/19 -1:7:
Misc. Info:	500ml 18708-889 B230191-2 T	**Method:**	MSB0223
Data Name:	B1203.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSB\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.19	ND	2.00
48)	Benzyl Chloride	-0.07	ND	10.00
49)	4-Ethyl Toluene	-0.04	ND	2.00
50)	1,3,5-Trimethylbenzene	0.02	ND	2.00
51)	1,2,4-Trimethylbenzene	0.06	ND	2.00
52)	1,3-Dichlorobenzene	0.33	ND	2.00
53)	1,4-Dichlorobenzene	0.10	ND	2.00
54)	1,2-Dichlorobenzene	-0.42	ND	2.00
55)	1,2,4-Trichlorobenzene	0.05	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248330	270553	OK	7.14	7.11	OK
1,4-Difluorobenzene	1148937	1189432	OK	8.75	8.74	OK
Chlorobenzene-d5	573751	620977	OK	14.02	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.52	101.0
Toluene-d8	50	43.35	86.7
4-Bromofluorobenzene	50	46.79	93.6

Comments:

Foot Notes:

1st Review: LR 2/24/99

2nd Review: PN 2/24/99

Quanterra Air Toxics Lab

Sample Name:	CR2J4102 OHM	**Data Analyzed:**	23 Feb 1999 17:56
Misc. Info:	500ml 18708-890 B230191-3 TEDL	**Method:**	MSB0223
Data Name:	B1205.D	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.35	ND	2.00
3) Chloromethane	0.00	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane	-0.18	ND	4.00
8) Trichlorofluoromethane (11)	-0.16	ND	2.00
9) 1,1-Dichloroethene	-0.11	14.28	2.00
10) Carbon Disulfide	-0.12	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.09	ND	2.00
12) Acetone	-0.07	10.02	10.00
13) Methylene Chloride	-0.07	4.98	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	0.20	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.01	ND	10.00
19) Chloroform		ND	2.00
20) 1,1,1-Trichloroethane		ND	2.00
21) Carbon Tetrachloride		ND	2.00
23) Benzene	0.02	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene	-0.01	ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane	0.23	ND	2.00
29) c-1,3-Dichloropropene		ND	2.00
30) 4-Methyl-2-Pentanone	-0.04	ND	10.00
32) Toluene	-0.02	ND ~~226~~ SRL	~~2.00~~ 5
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	-0.24	ND	2.00
36) Tetrachloroethene	-0.07	ND	2.00
37) 2-Hexanone	-0.02	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	-0.06	ND	2.00
41) Ethylbenzene	0.01	ND	2.00
42) p,&m-Xylene	0.00	ND	2.00
43) o-Xylene	0.02	ND	2.00
44) Styrene	0.02	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CR2J4102 OHM	**Data Analyzed:**	02/23/19 -1:7:
Misc. Info:	500ml 18708-890 B230191-3 T	**Method:**	MSB0223
Data Name:	B1205.D	**Shift Call.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.31	ND	2.00
48)	Benzyl Chloride	-0.13	ND	10.00
49)	4-Ethyl Toluene	0.02	ND	2.00
50)	1,3,5-Trimethylbenzene	0.02	ND	2.00
51)	1,2,4-Trimethylbenzene	0.06	ND	2.00
52)	1,3-Dichlorobenzene	0.29	ND	2.00
53)	1,4-Dichlorobenzene	0.07	ND	2.00
54)	1,2-Dichlorobenzene	-0.46	ND	2.00
55)	1,2,4-Trichlorobenzene	-0.43	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	LD

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248330	229697	OK	7.14	7.09	OK
1,4-Difluorobenzene	1148937	994784	OK	8.75	8.71	OK
Chlorobenzene-d5	573751	557856	OK	14.02	13.97	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.92	103.8
Toluene-d8	50	48.36	96.7
4-Bromofluorobenzene	50	48.77	97.5

Comments:

Foot Notes:

1st Review: LR 2/24/99

2nd Review: PNI 2/24/99

FEB 24.99 18:23 FR 714 258 0921 TO OHM-IRVINE P.11

Quanterra Air Toxics Lab

Sample Name:	CR2JA102 OHM	**Data Analyzed:**	23 Feb 1999 18:23
Misc. Info:	2.5ml 18708-891 B230191-4 TEDL	**Method:**	MSB0223
Data Name:	B1206.D	**Shift Call.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	200

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	400.00
3)	Chloromethane		ND	800.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	400.00
5)	Vinyl Chloride		ND	400.00
6)	Bromomethane		ND	400.00
7)	Chloroethane		ND	800.00
8)	Trichlorofluoromethane (11)		ND	400.00
9)	1,1-Dichloroethene	-0.10	1266.51	400.00
10)	Carbon Disulfide		ND	2000.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.08	5768.73	400.00
12)	Acetone	0.02	ND	2000.00
13)	Methylene Chloride	-0.06	ND	400.00
14)	t-1,2-Dichloroethene		ND	400.00
15)	1,1-Dichloroethane	0.01	ND	400.00
16)	Vinyl Acetate	0.24	ND	2000.00
17)	c-1,2-Dichloroethene	-0.03	ND	400.00
18)	2-Butanone		ND	2000.00
19)	Chloroform	0.02	ND	400.00
20)	1,1,1-Trichloroethane		ND	400.00
21)	Carbon Tetrachloride	0.02	ND	400.00
23)	Benzene		ND	400.00
25)	1,2-Dichloroethane	-0.02	ND	400.00
26)	Trichloroethene	0.03	38201.69	400.00
27)	1,2-Dichloropropane		ND	400.00
28)	Bromodichloromethane		ND	400.00
29)	c-1,3-Dichloropropene	0.19	ND	400.00
30)	4-Methyl-2-Pentanone	-0.02	ND	2000.00
32)	Toluene		ND	~~400.00~~ 1000
34)	t-1,3-Dichloropropene		ND	400.00
35)	1,1,2-Trichloroethane	-0.15	ND	400.00
36)	Tetrachloroethene	0.01	706.70	400.00
37)	2-Hexanone		ND	6000.00
38)	Dibromochloromethane		ND	400.00
39)	1,2-Dibromoethane		ND	400.00
40)	Chlorobenzene	-0.03	ND	400.00
41)	Ethylbenzene	-0.40	ND	400.00
42)	p,&m-Xylene		ND	400.00
43)	o-Xylene		ND	400.00
44)	Styrene		ND	400.00
45)	Bromoform		ND	400.00

Sample Name:	CR2JA102 OHM	**Data Analyzed:**	02/23/19 -1:8:
Misc. Info:	2.5ml 18708-891 B230191-4 T	**Method:**	MSB0223
Data Name:	B1206.D	**Shift Call.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	200

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	400.00
48) Benzyl Chloride	0.35	ND	2000.00
49) 4-Ethyl Toluene	0.48	ND	400.00
50) 1,3,5-Trimethylbenzene		ND	400.00
51) 1,2,4-Trimethylbenzene		ND	400.00
52) 1,3-Dichlorobenzene		ND	400.00
53) 1,4-Dichlorobenzene		ND	400.00
54) 1,2-Dichlorobenzene		ND	400.00
55) 1,2,4-Trichlorobenzene		ND	4000.00
56) Hexachlorobutadiene		ND	800.00
MTBE		ND	2000

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248330	172634	OK	7.14	7.12	OK
1,4-Difluorobenzene	1148937	764021	OK	8.75	8.77	OK
Chlorobenzene-d5	573751	471473	OK	14.02	14.06	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.01	96.0
Toluene-d8	50	50.44	100.9
4-Bromofluorobenzene	50	47.82	95.6

Comments:

Foot Notes:

1st Review: LR 2/24/99

2nd Review: PN 2/24/99

Quanterra Air Toxics Lab

Sample Name: CR2HQ102 OHM
Misc. Info: 500ml 18708-888 B230191-1 TED
Data Name: B1204.D
Data Path: d:\gcmsb\990222\

Data Analyzed: 23 Feb 1999 17:29
Method: MSB0223
Shift Cali.File: CC02231.D
Dilution Factor: 1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.34	ND	0.0099
3)	Chloromethan	-0.01	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.14	ND	0.0112
9)	1,1-Dichloroethene		ND	0.0079
10)	Carbon Disulfide	-0.09	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.07	ND	0.0153
12)	Acetone	-0.06	ND	0.0237
13)	Methylene Chloride	-0.05	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.12	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.01	ND	0.0294
19)	Chloroform	0.13	ND	0.0097
20)	1,1,1-Trichloroethane	0.06	ND	0.0109
21)	Carbon Tetrachloride	0.03	ND	0.0126
23)	Benzene	0.01	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.01	0.0207	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	-0.38	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.08	ND	0.0409
32)	Toluene	-0.04	ND ~~0.0160~~	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	-0.20	ND	0.0109
36)	Tetrachloroethene	-0.04	ND	0.0135
37)	2-Hexanone	-0.01	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.01	ND	0.0087
42)	p,&m-Xylene	0.02	0.0116	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.01	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 24'99 18:21 FR 714 258 0921 TO OHM-IRVINE P.04

Sample Name:	CR2HQ102 OHM	**Data Analyzed:**	02/23/19 -1:7:
Misc. Info:	500ml 18708-888 B230191-1	**Method:**	MSB0223
Data Name:	B1204.D	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.16	ND	0.0137
48)	Benzyl Chloride	-0.03	ND	0.0518
49)	4-Ethyl Toluene	0.04	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.04	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.04	ND	0.0098
52)	1,3-Dichlorobenzene	0.26	ND	0.0120
53)	1,4-Dichlorobenzene	0.04	ND	0.0120
54)	1,2-Dichlorobenzene	-0.48	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.03	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248330	232394	OK	7.14	7.09	OK
1,4-Difluorobenzene	1148937	1056389	OK	8.76	8.72	OK
Chlorobenzene-d5	573751	579877	OK	14.02	13.98	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.99	102.0
Toluene-d8	50	45.77	91.5
4-Bromofluorobenzene	50	47.37	94.7

Comments:

Foot Notes:

1st Review: LR 2/24/99 2nd Review PN 2/24/99

FEB 24'99 18:21 FR 714 258 0921 TO OHM-IRVINE P.05

Quanterra Air Toxics Lab

Sample Name:	CR2J2102 OHM	**Data Analyzed:**	23 Feb 1999 17:02
Misc. Info:	500ml 18708-889 B230191-2 TED	**Method:**	MSB0223
Data Name:	b1203.d	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (1	-0.30	ND	0.0099
3) Chloromethan	-0.02	ND	0.0082
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5) Vinyl Chloride		ND	0.0051
6) Bromomethan		ND	0.0078
7) Chloroethane		ND	0.0105
8) Trichlorofluoromethane (11)	-0.11	ND	0.0112
9) 1,1-Dichloroethene		ND	0.0079
10) Carbon Disulfide	-0.08	ND	0.0311
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.07	ND	0.0153
12) Acetone	-0.06	0.0337	0.0237
13) Methylene Chloride	-0.04	ND	0.0069
14) t-1,2-Dichloroethene		ND	0.0079
15) 1,1-Dichloroethane		ND	0.0081
16) Vinyl Acetate	-0.03	ND	0.0351
17) c-1,2-Dichloroethene		ND	0.0079
18) 2-Butanone	0.01	ND	0.0294
19) Chloroform	0.18	ND	0.0097
20) 1,1,1-Trichloroethane	0.01	ND	0.0109
21) Carbon Tetrachloride	0.05	ND	0.0126
23) Benzene	-0.00	ND	0.0064
25) 1,2-Dichloroethane		ND	0.0081
26) Trichloroethene	0.00	0.0117	0.0107
27) 1,2-Dichloropropane		ND	0.0092
28) Bromodichloromethane		ND	0.0134
29) c-1,3-Dichloropropene	0.18	ND	0.0091
30) 4-Methyl-2-Pentanone	-0.01	ND	0.0409
32) Toluene	-0.05	ND ~~0.0087~~	~~0.0075~~ 0.019
34) t-1,3-Dichloropropene		ND	0.0091
35) 1,1,2-Trichloroethane	-0.18	ND	0.0109
36) Tetrachloroethene	-0.04	ND	0.0135
37) 2-Hexanone		ND	0.1226
38) Dibromochloromethane		ND	0.0170
39) 1,2-Dibromoethane		ND	0.0153
40) Chlorobenzene		ND	0.0092
41) Ethylbenzene	-0.01	ND	0.0087
42) p,&m-Xylene	0.00	ND	0.0087
43) o-Xylene	-0.03	ND	0.0087
44) Styrene	-0.02	ND	0.0085
45) Bromoform	-0.07	ND	0.0206

Sample Name:	CR2J2102 OHM	**Data Analyzed:**	02/23/19 -1:7:
Misc. Info:	500ml 18708-889 B230191-2	**Method:**	MSB0223
Data Name:	b1203.d	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.19	ND	0.0137
48)	Benzyl Chloride	-0.07	ND	0.0518
49)	4-Ethyl Toluene	-0.04	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.02	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.06	ND	0.0098
52)	1,3-Dichlorobenzene	0.33	ND	0.0120
53)	1,4-Dichlorobenzene	0.10	ND	0.0120
54)	1,2-Dichlorobenzene	-0.42	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.05	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248330	270553	OK	7.14	7.11	OK
1,4-Difluorobenzene	1148937	1189432	OK	8.75	8.74	OK
Chlorobenzene-d5	573751	620977	OK	14.02	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.52	101.0
Toluene-d8	50	43.35	86.7
4-Bromofluorobenzene	50	46.79	93.6

Comments:

Foot Notes:

1st Review: LR 2/24/99 2nd Review PNL 2/24/99

Quanterra Air Toxics Lab

Sample Name: CR2J4102 OHM
Misc. Info: 500ml 18708-890 B230191-3 TED
Data Name: b1205.d
Data Path: d:\gcmsb\990222\

Data Analyzed: 23 Feb 1999 17:56
Method: MSB0223
Shift Call.File: CC02231.D
Dilution Factor: 1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.35	ND	0.0099
3)	Chloromethan	0.00	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan		ND	0.0078
7)	Chloroethane	-0.18	ND	0.0105
8)	Trichlorofluoromethane (11)	-0.16	ND	0.0112
9)	1,1-Dichloroethene	-0.11	0.0565	0.0079
10)	Carbon Disulfide	-0.12	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.09	ND	0.0153
12)	Acetone	-0.07	0.0238	0.0237
13)	Methylene Chloride	-0.07	0.0173	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.20	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.01	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane		ND	0.0109
21)	Carbon Tetrachloride		ND	0.0126
23)	Benzene	0.02	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.01	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	0.23	ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.04	ND	0.0409
32)	Toluene	-0.02	ND ~~0.0086~~ <RL	~~0.0075~~ 0.017
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	-0.24	ND	0.0109
36)	Tetrachloroethene	-0.07	ND	0.0135
37)	2-Hexanone	-0.02	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.06	ND	0.0092
41)	Ethylbenzene	0.01	ND	0.0087
42)	p,&m-Xylene	0.00	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 24'99 18:23 FR 714 258 0921 TO OHM-TROYNE P.12

Sample Name:	CR2J4102 OHM	**Data Analyzed:**	02/23/19 -1:7:
Misc. Info:	500ml 18708-890 B230191-3	**Method:**	MSB0223
Data Name:	b1205.d	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.31	ND	0.0137
48)	Benzyl Chloride	-0.13	ND	0.0518
49)	4-Ethyl Toluene	0.02	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.02	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.06	ND	0.0098
52)	1,3-Dichlorobenzene	0.29	ND	0.0120
53)	1,4-Dichlorobenzene	0.07	ND	0.0120
54)	1,2-Dichlorobenzene	-0.46	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.43	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		Up	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248330	229697	OK	7.14	7.09	OK
1,4-Difluorobenzene	1148937	994784	OK	8.75	8.71	OK
Chlorobenzene-d5	573751	557856	OK	14.02	13.97	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.92	103.8
Toluene-d8	50	48.36	96.7
4-Bromofluorobenzene	50	48.77	97.5

Comments:

Foot Notes:

1st Review: LR 2/24/99 2nd Review PM 2/24/99

Quanterra Air Toxics Lab

Sample Name: CR2JA102 OHM
Misc. Info: 2.5ml 18708-891 B230191-4 TED
Data Name: B1206.D
Data Path: D:\GCMSB\990222\

Data Analyzed: 23 Feb 1999 18:23
Method: MSB0223
Shift Call.File: CC02231.D
Dilution Factor: 200

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	1.9740
3)	Chloromethan		ND	1.6488
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.7904
5)	Vinyl Chloride		ND	1.0204
6)	Bromomethan		ND	1.5500
7)	Chloroethane		ND	2.1064
8)	Trichlorofluoromethane (11)		ND	2.2428
9)	1,1-Dichloroethene	-0.10	5.0116	1.5828
10)	Carbon Disulfide		ND	6.2160
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.08	44.1193	3.0592
12)	Acetone	0.02	ND	4.7420
13)	Methylene Chloride	-0.06	ND	1.3868
14)	t-1,2-Dichloroethene		ND	1.5828
15)	1,1-Dichloroethane	0.01	ND	1.6156
16)	Vinyl Acetate	0.24	ND	7.0280
17)	c-1,2-Dichloroethene	-0.03	ND	1.5828
18)	2-Butanone		ND	5.8860
19)	Chloroform	0.02	ND	1.9492
20)	1,1,1-Trichloroethane		ND	2.1780
21)	Carbon Tetrachloride	0.02	ND	2.5112
23)	Benzene		ND	1.2752
25)	1,2-Dichloroethane	-0.02	ND	1.6156
26)	Trichloroethene	0.03	204.8757	2.1452
27)	1,2-Dichloropropane		ND	1.8448
28)	Bromodichloromethane		ND	2.6748
29)	c-1,3-Dichloropropene	0.19	ND	1.8116
30)	4-Methyl-2-Pentanone	-0.02	ND	8.1760
32)	Toluene		ND	~~1.5044~~ 3.8
34)	t-1,3-Dichloropropene		ND	1.8116
35)	1,1,2-Trichloroethane	-0.15	ND	2.1780
36)	Tetrachloroethene	0.01	4.7836	2.7076
37)	2-Hexanone		ND	24.5280
38)	Dibromochloromethane		ND	3.4008
39)	1,2-Dibromoethane		ND	3.0672
40)	Chlorobenzene	-0.03	ND	1.8376
41)	Ethylbenzene	-0.40	ND	1.7332
42)	p,&m-Xylene		ND	1.7332
43)	o-Xylene		ND	1.7332
44)	Styrene		ND	1.7004
45)	Bromoform		ND	4.1264

Sample Name:	CR2JA102 OHM	**Data Analyzed:**	02/23/19 -1:8:
Misc. Info:	2.5ml 18708-891 B230191-4	**Method:**	MSB0223
Data Name:	B1206.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSB\990222\	**Dilution Factor:**	200

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	2.7404
48)	Benzyl Chloride	0.36	ND	10.3520
49)	4-Ethyl Toluene	0.48	ND	1.9624
50)	1,3,5-Trimethylbenzene		ND	1.9624
51)	1,2,4-Trimethylbenzene		ND	1.9624
52)	1,3-Dichlorobenzene		ND	2.4000
53)	1,4-Dichlorobenzene		ND	2.4000
54)	1,2-Dichlorobenzene		ND	2.4000
55)	1,2,4-Trichlorobenzene		ND	29.6240
56)	Hexachlorobutadiene		ND	8.5144
	MTBE		ND	7.2

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248330	172634	OK	7.14	7.12	OK
1,4-Difluorobenzene	1148937	764021	OK	8.75	8.77	OK
Chlorobenzene-d5	573751	471473	OK	14.02	14.06	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.01	96.0
Toluene-d8	50	50.44	100.9
4-Bromofluorobenzene	50	47.82	95.6

Comments:

Foot Notes:

1st Review: LR 2/24/99 2nd Review PN 2/24/99

Remediation Services Corp
Substaury of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY REC

M9C150171

LABORATORY COPY
222429
FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Thizar Tintut Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: 2	LABORATORY CONTACT: MARIA JONES	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 14	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708 (714) 258-	LABORATORY PHONE:	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Thizar Tintut Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr. #200
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Hornecker - SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE AND ZIPCODE: Irvine, CA
PROJECT MANAGER: BILL SEDLAK	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' bag first

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont	QC Level	T.A.T	Analyses: TO-14	HOLD. Conditional	Comments
1	18708-917	Vapor	3/15/99	0740	Ambient	2	III	5.DAY	X		
2	18708-918	Vapor	3/15/99	0745	Ambient	2	IV	24-hr.		X	Analyze only if 18708-919 is detected.
3	18708-919	Vapor	3/15/99	0750	Ambient	2	III	~~5.DAY~~ 24-hr.	X		
4	18708-920	Vapor	3/15/99	0800	Ambient	2	III	5.DAY	X		
5	18708-921	Vapor	3/15/99	0805	Ambient	2	III	24-hr.	X		
6											
7											
8											
9											
10											

SAMPLES COLLECTED BY: [signature]
RELINQUISHED BY: [signature]
COURIER AND AIR BILL NUMBER:
RECEIVED BY:
DATE: 3/15/99
TIME:
COOLER TEMPERATURE UPON RECEIPT:
SAMPLE'S CONDITION UPON RECEIPT:

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type: G	C	F	QC
1. Ambient Blank	X		X	X
2. 24SVE14 - Eff.	X		X	
3. 24SVE14 - Mid Point	X		X	
4. 24SVE14 - Inf. (Dup)	X		X	X
5. 24SVE14 - Inf. (Dup)	X		X	X

Comments
(4) and (5) are duplicates.

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP
SVE 14

Lot #: M9C150171

Date Reported: 3/16/99

Project Number: 18708/MCAS EL TORO

Client Sample ID: 18708-917
Sample #: 001 Date Sampled: 03/15/99 07:40 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)	EPA-2 TO-14
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloropropane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
2-Butanone (MEK)	ND	10	ppb(v/v)	EPA-2 TO-14
2-Hexanone	ND	30	ppb(v/v)	EPA-2 TO-14
4-Ethyltoluene	ND	2.0	ppb(v/v)	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)	EPA-2 TO-14
Acetone	ND	10	ppb(v/v)	EPA-2 TO-14
Benzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
Benzyl chloride	ND	10	ppb(v/v)	EPA-2 TO-14
Bromodichloromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Bromoform	ND	2.0	ppb(v/v)	EPA-2 TO-14
Bromomethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Carbon disulfide	ND	10	ppb(v/v)	EPA-2 TO-14
Carbon tetrachloride	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
Dibromochloromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chloroethane	ND	4.0	ppb(v/v)	EPA-2 TO-14
Chloroform	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chloromethane	ND	4.0	ppb(v/v)	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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IT GROUP

Lot #: M9C150171 SVE 14 Date Reported: 3/16/99

Project Number: 18708/MCAS EL TORO

Client Sample ID: 18708-917

Sample #: 001 Date Sampled: 03/15/99 07:40 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					In Review
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Dichlorodifluoromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Ethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Hexachlorobutadiene	ND	4.0	ppb(v/v)	EPA-2 TO-14	
Methylene chloride	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Styrene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Tetrachloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Toluene	ND	5.0	ppb(v/v)	EPA-2 TO-14	
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Trichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Trichlorofluoromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Vinyl acetate	ND	10	ppb(v/v)	EPA-2 TO-14	
Vinyl chloride	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Xylenes (total)	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)	EPA-2 TO-14	
Volatile Organics by TO14					In Review
Hexachlorobutadiene	ND	0.043	ug/L	EPA-2 TO-14	
Toluene	ND	0.019	ug/L	EPA-2 TO-14	
Methylene chloride	ND	0.0069	ug/L	EPA-2 TO-14	
Styrene	ND	0.0085	ug/L	EPA-2 TO-14	
Tetrachloroethene	ND	0.014	ug/L	EPA-2 TO-14	
1,1,2-Trichloroethane	ND	0.011	ug/L	EPA-2 TO-14	
1,1-Dichloroethane	ND	0.0081	ug/L	EPA-2 TO-14	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L	EPA-2 TO-14	
1,1,1-Trichloroethane	ND	0.011	ug/L	EPA-2 TO-14	
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L	EPA-2 TO-14	
1,1-Dichloroethene	ND	0.0079	ug/L	EPA-2 TO-14	
1,2,4-Trichlorobenzene	ND	0.15	ug/L	EPA-2 TO-14	
1,2,4-Trimethylbenzene	ND	0.0098	ug/L	EPA-2 TO-14	
1,2-Dibromoethane (EDB)	ND	0.015	ug/L	EPA-2 TO-14	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L	EPA-2 TO-14	
1,2-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP

Lot #: M9C150171 SVE 14 Date Reported: 3/16/99

Project Number: 18708/MCAS EL TORO

Client Sample ID: 18708-917

Sample #: 001 Date Sampled: 03/15/99 07:40 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					In Review
1,2-Dichloroethane	ND	0.0081	ug/L	EPA-2 TO-14	
1,2-Dichloropropane	ND	0.0092	ug/L	EPA-2 TO-14	
1,3,5-Trimethylbenzene	ND	0.0098	ug/L	EPA-2 TO-14	
1,3-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14	
1,4-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14	
2-Butanone (MEK)	ND	0.029	ug/L	EPA-2 TO-14	
2-Hexanone	ND	0.12	ug/L	EPA-2 TO-14	
4-Ethyltoluene	ND	0.0098	ug/L	EPA-2 TO-14	
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L	EPA-2 TO-14	
Acetone	ND	0.024	ug/L	EPA-2 TO-14	
Benzene	ND	0.0064	ug/L	EPA-2 TO-14	
Benzyl chloride	ND	0.052	ug/L	EPA-2 TO-14	
Bromodichloromethane	ND	0.013	ug/L	EPA-2 TO-14	
Bromoform	ND	0.021	ug/L	EPA-2 TO-14	
Bromomethane	ND	0.0078	ug/L	EPA-2 TO-14	
Carbon disulfide	ND	0.031	ug/L	EPA-2 TO-14	
Carbon tetrachloride	ND	0.013	ug/L	EPA-2 TO-14	
Chlorobenzene	ND	0.0092	ug/L	EPA-2 TO-14	
Dibromochloromethane	ND	0.017	ug/L	EPA-2 TO-14	
Chloroethane	ND	0.011	ug/L	EPA-2 TO-14	
Chloroform	ND	0.0097	ug/L	EPA-2 TO-14	
Chloromethane	ND	0.0082	ug/L	EPA-2 TO-14	
cis-1,2-Dichloroethene	ND	0.0079	ug/L	EPA-2 TO-14	
cis-1,3-Dichloropropene	ND	0.0091	ug/L	EPA-2 TO-14	
Dichlorodifluoromethane	ND	0.0099	ug/L	EPA-2 TO-14	
Ethylbenzene	ND	0.0087	ug/L	EPA-2 TO-14	
trans-1,2-Dichloroethene	ND	0.0079	ug/L	EPA-2 TO-14	
trans-1,3-Dichloropropene	ND	0.0091	ug/L	EPA-2 TO-14	
Trichloroethene	ND	0.011	ug/L	EPA-2 TO-14	
Trichlorofluoromethane	ND	0.011	ug/L	EPA-2 TO-14	
Vinyl acetate	ND	0.035	ug/L	EPA-2 TO-14	
Vinyl chloride	ND	0.0051	ug/L	EPA-2 TO-14	
Xylenes (total)	ND	0.0087	ug/L	EPA-2 TO-14	
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L	EPA-2 TO-14	

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-918
Sample #: 002 Date Sampled: 03/15/99 07:45 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)	EPA-2 TO-14
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloropropane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
2-Butanone (MEK)	ND	10	ppb(v/v)	EPA-2 TO-14
2-Hexanone	ND	30	ppb(v/v)	EPA-2 TO-14
4-Ethyltoluene	ND	2.0	ppb(v/v)	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)	EPA-2 TO-14
Acetone	ND	10	ppb(v/v)	EPA-2 TO-14
Benzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
Benzyl chloride	ND	10	ppb(v/v)	EPA-2 TO-14
Bromodichloromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Bromoform	ND	2.0	ppb(v/v)	EPA-2 TO-14
Bromomethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Carbon disulfide	ND	10	ppb(v/v)	EPA-2 TO-14
Carbon tetrachloride	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
Dibromochloromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chloroethane	ND	4.0	ppb(v/v)	EPA-2 TO-14
Chloroform	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chloromethane	ND	4.0	ppb(v/v)	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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e results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-918
Sample #: 002 Date Sampled: 03/15/99 07:45 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					In Review
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Dichlorodifluoromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Ethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Hexachlorobutadiene	ND	4.0	ppb(v/v)	EPA-2 TO-14	
Methylene chloride	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Styrene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Tetrachloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Toluene	ND	5.0	ppb(v/v)	EPA-2 TO-14	
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Trichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Trichlorofluoromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Vinyl acetate	ND	10	ppb(v/v)	EPA-2 TO-14	
Vinyl chloride	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Xylenes (total)	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)	EPA-2 TO-14	
Volatile Organics by TO14					In Review
Hexachlorobutadiene	ND	0.043	ug/L	EPA-2 TO-14	
Toluene	ND	0.019	ug/L	EPA-2 TO-14	
Methylene chloride	ND	0.0069	ug/L	EPA-2 TO-14	
Styrene	ND	0.0085	ug/L	EPA-2 TO-14	
Tetrachloroethene	ND	0.014	ug/L	EPA-2 TO-14	
1,1,2-Trichloroethane	ND	0.011	ug/L	EPA-2 TO-14	
1,1-Dichloroethane	ND	0.0081	ug/L	EPA-2 TO-14	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L	EPA-2 TO-14	
1,1,1-Trichloroethane	ND	0.011	ug/L	EPA-2 TO-14	
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L	EPA-2 TO-14	
1,1-Dichloroethene	ND	0.0079	ug/L	EPA-2 TO-14	
1,2,4-Trichlorobenzene	ND	0.15	ug/L	EPA-2 TO-14	
1,2,4-Trimethylbenzene	ND	0.0098	ug/L	EPA-2 TO-14	
1,2-Dibromoethane (EDB)	ND	0.015	ug/L	EPA-2 TO-14	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L	EPA-2 TO-14	
1,2-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-918
Sample #: 002 Date Sampled: 03/15/99 07:45 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
1,2-Dichloroethane	ND	0.0081	ug/L	EPA-2 TO-14
1,2-Dichloropropane	ND	0.0092	ug/L	EPA-2 TO-14
1,3,5-Trimethylbenzene	ND	0.0098	ug/L	EPA-2 TO-14
1,3-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14
1,4-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14
2-Butanone (MEK)	ND	0.029	ug/L	EPA-2 TO-14
2-Hexanone	ND	0.12	ug/L	EPA-2 TO-14
4-Ethyltoluene	ND	0.0098	ug/L	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L	EPA-2 TO-14
Acetone	ND	0.024	ug/L	EPA-2 TO-14
Benzene	ND	0.0064	ug/L	EPA-2 TO-14
Benzyl chloride	ND	0.052	ug/L	EPA-2 TO-14
Bromodichloromethane	ND	0.013	ug/L	EPA-2 TO-14
Bromoform	ND	0.021	ug/L	EPA-2 TO-14
Bromomethane	ND	0.0078	ug/L	EPA-2 TO-14
Carbon disulfide	ND	0.031	ug/L	EPA-2 TO-14
Carbon tetrachloride	ND	0.013	ug/L	EPA-2 TO-14
Chlorobenzene	ND	0.0092	ug/L	EPA-2 TO-14
Dibromochloromethane	ND	0.017	ug/L	EPA-2 TO-14
Chloroethane	ND	0.011	ug/L	EPA-2 TO-14
Chloroform	ND	0.0097	ug/L	EPA-2 TO-14
Chloromethane	ND	0.0082	ug/L	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	0.0079	ug/L	EPA-2 TO-14
cis-1,3-Dichloropropene	ND	0.0091	ug/L	EPA-2 TO-14
Dichlorodifluoromethane	ND	0.0099	ug/L	EPA-2 TO-14
Ethylbenzene	ND	0.0087	ug/L	EPA-2 TO-14
trans-1,2-Dichloroethene	ND	0.0079	ug/L	EPA-2 TO-14
trans-1,3-Dichloropropene	ND	0.0091	ug/L	EPA-2 TO-14
Trichloroethene	ND	0.011	ug/L	EPA-2 TO-14
Trichlorofluoromethane	ND	0.011	ug/L	EPA-2 TO-14
Vinyl acetate	ND	0.035	ug/L	EPA-2 TO-14
Vinyl chloride	ND	0.0051	ug/L	EPA-2 TO-14
Xylenes (total)	ND	0.0087	ug/L	EPA-2 TO-14
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L	EPA-2 TO-14

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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e results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP

Lot #: M9C150171 SVE 14 Date Reported: 3/16/99

Project Number: 18708/MCAS EL TORO

Client Sample ID: 18708-919

Sample #: 003 Date Sampled: 03/15/99 07:50 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	3.1	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethene	31	2.0	ppb(v/v)	EPA-2 TO-14
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)	EPA-2 TO-14
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloroethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,2-Dichloropropane	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
2-Butanone (MEK)	ND	10	ppb(v/v)	EPA-2 TO-14
2-Hexanone	ND	30	ppb(v/v)	EPA-2 TO-14
4-Ethyltoluene	ND	2.0	ppb(v/v)	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)	EPA-2 TO-14
Acetone	ND	10	ppb(v/v)	EPA-2 TO-14
Benzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
Benzyl chloride	ND	10	ppb(v/v)	EPA-2 TO-14
Bromodichloromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Bromoform	ND	2.0	ppb(v/v)	EPA-2 TO-14
Bromomethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Carbon disulfide	ND	10	ppb(v/v)	EPA-2 TO-14
Carbon tetrachloride	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chlorobenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14
Dibromochloromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chloroethane	ND	4.0	ppb(v/v)	EPA-2 TO-14
Chloroform	ND	2.0	ppb(v/v)	EPA-2 TO-14
Chloromethane	ND	4.0	ppb(v/v)	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-919
Sample #: 003 Date Sampled: 03/15/99 07:50 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					In Review
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Dichlorodifluoromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Ethylbenzene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Hexachlorobutadiene	ND	4.0	ppb(v/v)	EPA-2 TO-14	
Methylene chloride	3.1	2.0	ppb(v/v)	EPA-2 TO-14	
Styrene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Tetrachloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Toluene	ND	5.0	ppb(v/v)	EPA-2 TO-14	
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Trichloroethene	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Trichlorofluoromethane	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Vinyl acetate	ND	10	ppb(v/v)	EPA-2 TO-14	
Vinyl chloride	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Xylenes (total)	ND	2.0	ppb(v/v)	EPA-2 TO-14	
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)	EPA-2 TO-14	
Volatile Organics by TO14					In Review
1,1,1-Trichloroethane	ND	0.011	ug/L	EPA-2 TO-14	
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L	EPA-2 TO-14	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.024	0.015	ug/L	EPA-2 TO-14	
1,1,2-Trichloroethane	ND	0.011	ug/L	EPA-2 TO-14	
1,1-Dichloroethane	ND	0.0081	ug/L	EPA-2 TO-14	
1,1-Dichloroethene	0.12	0.0079	ug/L	EPA-2 TO-14	
1,2,4-Trichlorobenzene	ND	0.15	ug/L	EPA-2 TO-14	
1,2,4-Trimethylbenzene	ND	0.0098	ug/L	EPA-2 TO-14	
1,2-Dibromoethane (EDB)	ND	0.015	ug/L	EPA-2 TO-14	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L	EPA-2 TO-14	
1,2-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14	
1,2-Dichloroethane	ND	0.0081	ug/L	EPA-2 TO-14	
1,2-Dichloropropane	ND	0.0092	ug/L	EPA-2 TO-14	
1,3,5-Trimethylbenzene	ND	0.0098	ug/L	EPA-2 TO-14	
1,3-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14	
1,4-Dichlorobenzene	ND	0.012	ug/L	EPA-2 TO-14	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP

Lot #: M9C150171 SVE 14 Date Reported: 3/16/99

Project Number: 18708/MCAS EL TORO

Client Sample ID: 18708-919

Sample #: 003 Date Sampled: 03/15/99 07:50 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
2-Butanone (MEK)	ND	0.029	ug/L	EPA-2 TO-14
2-Hexanone	ND	0.12	ug/L	EPA-2 TO-14
4-Ethyltoluene	ND	0.0098	ug/L	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L	EPA-2 TO-14
Acetone	ND	0.024	ug/L	EPA-2 TO-14
Benzene	ND	0.0064	ug/L	EPA-2 TO-14
Benzyl chloride	ND	0.052	ug/L	EPA-2 TO-14
Bromodichloromethane	ND	0.013	ug/L	EPA-2 TO-14
Bromoform	ND	0.021	ug/L	EPA-2 TO-14
Bromomethane	ND	0.0078	ug/L	EPA-2 TO-14
Carbon disulfide	ND	0.031	ug/L	EPA-2 TO-14
Carbon tetrachloride	ND	0.013	ug/L	EPA-2 TO-14
Chlorobenzene	ND	0.0092	ug/L	EPA-2 TO-14
Dibromochloromethane	ND	0.017	ug/L	EPA-2 TO-14
Chloroethane	ND	0.011	ug/L	EPA-2 TO-14
Chloroform	ND	0.0097	ug/L	EPA-2 TO-14
Chloromethane	ND	0.0082	ug/L	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	0.0079	ug/L	EPA-2 TO-14
cis-1,3-Dichloropropene	ND	0.0091	ug/L	EPA-2 TO-14
Dichlorodifluoromethane	ND	0.0099	ug/L	EPA-2 TO-14
Ethylbenzene	ND	0.0087	ug/L	EPA-2 TO-14
Hexachlorobutadiene	ND	0.043	ug/L	EPA-2 TO-14
Methylene chloride	0.011	0.0069	ug/L	EPA-2 TO-14
Styrene	ND	0.0085	ug/L	EPA-2 TO-14
Tetrachloroethene	ND	0.014	ug/L	EPA-2 TO-14
Toluene	ND	0.019	ug/L	EPA-2 TO-14
trans-1,2-Dichloroethene	ND	0.0079	ug/L	EPA-2 TO-14
trans-1,3-Dichloropropene	ND	0.0091	ug/L	EPA-2 TO-14
Trichloroethene	ND	0.011	ug/L	EPA-2 TO-14
Trichlorofluoromethane	ND	0.011	ug/L	EPA-2 TO-14
Vinyl acetate	ND	0.035	ug/L	EPA-2 TO-14
Vinyl chloride	ND	0.0051	ug/L	EPA-2 TO-14
Xylenes (total)	ND	0.0087	ug/L	EPA-2 TO-14
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L	EPA-2 TO-14

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-920
Sample #: 004 Date Sampled: 03/15/99 08:00 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
1,1,1-Trichloroethane	ND	240	ppb(v/v)	EPA-2 TO-14
1,1,2,2-Tetrachloroethane	ND	240	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	5800	240	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloroethane	ND	240	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethane	ND	240	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethene	840	240	ppb(v/v)	EPA-2 TO-14
1,2,4-Trichlorobenzene	ND	2400	ppb(v/v)	EPA-2 TO-14
1,2,4-Trimethylbenzene	ND	240	ppb(v/v)	EPA-2 TO-14
1,2-Dibromoethane (EDB)	ND	240	ppb(v/v)	EPA-2 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	240	ppb(v/v)	EPA-2 TO-14
1,2-Dichlorobenzene	ND	240	ppb(v/v)	EPA-2 TO-14
1,2-Dichloroethane	ND	240	ppb(v/v)	EPA-2 TO-14
1,2-Dichloropropane	ND	240	ppb(v/v)	EPA-2 TO-14
1,3,5-Trimethylbenzene	ND	240	ppb(v/v)	EPA-2 TO-14
1,3-Dichlorobenzene	ND	240	ppb(v/v)	EPA-2 TO-14
1,4-Dichlorobenzene	ND	240	ppb(v/v)	EPA-2 TO-14
2-Butanone (MEK)	ND	1200	ppb(v/v)	EPA-2 TO-14
2-Hexanone	ND	3600	ppb(v/v)	EPA-2 TO-14
4-Ethyltoluene	ND	240	ppb(v/v)	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	1200	ppb(v/v)	EPA-2 TO-14
Acetone	ND	1200	ppb(v/v)	EPA-2 TO-14
Benzene	ND	240	ppb(v/v)	EPA-2 TO-14
Benzyl chloride	ND	1200	ppb(v/v)	EPA-2 TO-14
Bromodichloromethane	ND	240	ppb(v/v)	EPA-2 TO-14
Bromoform	ND	240	ppb(v/v)	EPA-2 TO-14
Bromomethane	ND	240	ppb(v/v)	EPA-2 TO-14
Carbon disulfide	ND	1200	ppb(v/v)	EPA-2 TO-14
Carbon tetrachloride	ND	240	ppb(v/v)	EPA-2 TO-14
Chlorobenzene	ND	240	ppb(v/v)	EPA-2 TO-14
Dibromochloromethane	ND	240	ppb(v/v)	EPA-2 TO-14
Chloroethane	ND	480	ppb(v/v)	EPA-2 TO-14
Chloroform	ND	240	ppb(v/v)	EPA-2 TO-14
Chloromethane	ND	480	ppb(v/v)	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	240	ppb(v/v)	EPA-2 TO-14

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-920
Sample #: 004 Date Sampled: 03/15/99 08:00 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					In Review
cis-1,3-Dichloropropene	ND	240	ppb(v/v)	EPA-2 TO-14	
Dichlorodifluoromethane	ND	240	ppb(v/v)	EPA-2 TO-14	
Ethylbenzene	ND	240	ppb(v/v)	EPA-2 TO-14	
Hexachlorobutadiene	ND	480	ppb(v/v)	EPA-2 TO-14	
Methylene chloride	ND	240	ppb(v/v)	EPA-2 TO-14	
Styrene	ND	240	ppb(v/v)	EPA-2 TO-14	
Tetrachloroethene	530	240	ppb(v/v)	EPA-2 TO-14	
Toluene	ND	600	ppb(v/v)	EPA-2 TO-14	
trans-1,2-Dichloroethene	ND	240	ppb(v/v)	EPA-2 TO-14	
trans-1,3-Dichloropropene	ND	240	ppb(v/v)	EPA-2 TO-14	
Trichloroethene	21000	240	ppb(v/v)	EPA-2 TO-14	
Trichlorofluoromethane	ND	240	ppb(v/v)	EPA-2 TO-14	
Vinyl acetate	ND	1200	ppb(v/v)	EPA-2 TO-14	
Vinyl chloride	ND	240	ppb(v/v)	EPA-2 TO-14	
Xylenes (total)	ND	240	ppb(v/v)	EPA-2 TO-14	
Methyl tert-butyl ether (MTBE)	ND	1200	ppb(v/v)	EPA-2 TO-14	
Volatile Organics by TO14					In Review
Hexachlorobutadiene	ND	5.2	ug/L	EPA-2 TO-14	
Toluene	ND	2.3	ug/L	EPA-2 TO-14	
Methylene chloride	ND	0.83	ug/L	EPA-2 TO-14	
Styrene	ND	1.0	ug/L	EPA-2 TO-14	
Tetrachloroethene	3.6	1.7	ug/L	EPA-2 TO-14	
1,1,2-Trichloroethane	ND	1.3	ug/L	EPA-2 TO-14	
1,1-Dichloroethane	ND	0.97	ug/L	EPA-2 TO-14	
1,1,2-Trichloro-1,2,2-trifluoroethane	45	1.8	ug/L	EPA-2 TO-14	
1,1,1-Trichloroethane	ND	1.3	ug/L	EPA-2 TO-14	
1,1,2,2-Tetrachloroethane	ND	1.7	ug/L	EPA-2 TO-14	
1,1-Dichloroethene	3.3	0.95	ug/L	EPA-2 TO-14	
1,2,4-Trichlorobenzene	ND	18	ug/L	EPA-2 TO-14	
1,2,4-Trimethylbenzene	ND	1.2	ug/L	EPA-2 TO-14	
1,2-Dibromoethane (EDB)	ND	1.8	ug/L	EPA-2 TO-14	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.7	ug/L	EPA-2 TO-14	
1,2-Dichlorobenzene	ND	1.4	ug/L	EPA-2 TO-14	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-920
Sample #: 004 Date Sampled: 03/15/99 08:00 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
1,2-Dichloroethane	ND	0.97	ug/L	EPA-2 TO-14
1,2-Dichloropropane	ND	1.1	ug/L	EPA-2 TO-14
1,3,5-Trimethylbenzene	ND	1.2	ug/L	EPA-2 TO-14
1,3-Dichlorobenzene	ND	1.4	ug/L	EPA-2 TO-14
1,4-Dichlorobenzene	ND	1.4	ug/L	EPA-2 TO-14
2-Butanone (MEK)	ND	3.5	ug/L	EPA-2 TO-14
2-Hexanone	ND	14	ug/L	EPA-2 TO-14
4-Ethyltoluene	ND	1.2	ug/L	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	4.9	ug/L	EPA-2 TO-14
Acetone	ND	2.9	ug/L	EPA-2 TO-14
Benzene	ND	0.77	ug/L	EPA-2 TO-14
Benzyl chloride	ND	6.2	ug/L	EPA-2 TO-14
Bromodichloromethane	ND	1.6	ug/L	EPA-2 TO-14
Bromoform	ND	2.5	ug/L	EPA-2 TO-14
Bromomethane	ND	0.94	ug/L	EPA-2 TO-14
Carbon disulfide	ND	3.7	ug/L	EPA-2 TO-14
Carbon tetrachloride	ND	1.6	ug/L	EPA-2 TO-14
Chlorobenzene	ND	1.1	ug/L	EPA-2 TO-14
Dibromochloromethane	ND	2.0	ug/L	EPA-2 TO-14
Chloroethane	ND	1.3	ug/L	EPA-2 TO-14
Chloroform	ND	1.2	ug/L	EPA-2 TO-14
Chloromethane	ND	0.98	ug/L	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	0.95	ug/L	EPA-2 TO-14
cis-1,3-Dichloropropene	ND	1.1	ug/L	EPA-2 TO-14
Dichlorodifluoromethane	ND	1.2	ug/L	EPA-2 TO-14
Ethylbenzene	ND	1.0	ug/L	EPA-2 TO-14
trans-1,2-Dichloroethene	ND	0.95	ug/L	EPA-2 TO-14
trans-1,3-Dichloropropene	ND	1.1	ug/L	EPA-2 TO-14
Trichloroethene	110	1.3	ug/L	EPA-2 TO-14
Trichlorofluoromethane	ND	1.3	ug/L	EPA-2 TO-14
Vinyl acetate	ND	4.2	ug/L	EPA-2 TO-14
Vinyl chloride	ND	0.61	ug/L	EPA-2 TO-14
Xylenes (total)	ND	1.0	ug/L	EPA-2 TO-14
Methyl tert-butyl ether (MTBE)	ND	4.3	ug/L	EPA-2 TO-14

(Continued on next page)

QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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IT GROUP

Lot #: M9C150171 SVE 14 Date Reported: 3/16/99

Project Number: 18708/MCAS EL TORO

Client Sample ID: 18708-921

Sample #: 005 Date Sampled: 03/15/99 08:05 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
1,1,1-Trichloroethane	ND	200	ppb(v/v)	EPA-2 TO-14
1,1,2,2-Tetrachloroethane	ND	200	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	5600	200	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloroethane	ND	200	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethane	ND	200	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethene	800	200	ppb(v/v)	EPA-2 TO-14
1,2,4-Trichlorobenzene	ND	2000	ppb(v/v)	EPA-2 TO-14
1,2,4-Trimethylbenzene	ND	200	ppb(v/v)	EPA-2 TO-14
1,2-Dibromoethane (EDB)	ND	200	ppb(v/v)	EPA-2 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	200	ppb(v/v)	EPA-2 TO-14
1,2-Dichlorobenzene	ND	200	ppb(v/v)	EPA-2 TO-14
1,2-Dichloroethane	ND	200	ppb(v/v)	EPA-2 TO-14
1,2-Dichloropropane	ND	200	ppb(v/v)	EPA-2 TO-14
1,3,5-Trimethylbenzene	ND	200	ppb(v/v)	EPA-2 TO-14
1,3-Dichlorobenzene	ND	200	ppb(v/v)	EPA-2 TO-14
1,4-Dichlorobenzene	ND	200	ppb(v/v)	EPA-2 TO-14
2-Butanone (MEK)	ND	1000	ppb(v/v)	EPA-2 TO-14
2-Hexanone	ND	3000	ppb(v/v)	EPA-2 TO-14
4-Ethyltoluene	ND	200	ppb(v/v)	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	1000	ppb(v/v)	EPA-2 TO-14
Acetone	ND	1000	ppb(v/v)	EPA-2 TO-14
Benzene	ND	200	ppb(v/v)	EPA-2 TO-14
Benzyl chloride	ND	1000	ppb(v/v)	EPA-2 TO-14
Bromodichloromethane	ND	200	ppb(v/v)	EPA-2 TO-14
Bromoform	ND	200	ppb(v/v)	EPA-2 TO-14
Bromomethane	ND	200	ppb(v/v)	EPA-2 TO-14
Carbon disulfide	ND	1000	ppb(v/v)	EPA-2 TO-14
Carbon tetrachloride	ND	200	ppb(v/v)	EPA-2 TO-14
Chlorobenzene	ND	200	ppb(v/v)	EPA-2 TO-14
Dibromochloromethane	ND	200	ppb(v/v)	EPA-2 TO-14
Chloroethane	ND	400	ppb(v/v)	EPA-2 TO-14
Chloroform	ND	200	ppb(v/v)	EPA-2 TO-14
Chloromethane	ND	400	ppb(v/v)	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	200	ppb(v/v)	EPA-2 TO-14

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-921
Sample #: 005 Date Sampled: 03/15/99 08:05 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD	
Volatile Organics by TO14					In Review
cis-1,3-Dichloropropene	ND	200	ppb(v/v)	EPA-2 TO-14	
Dichlorodifluoromethane	ND	200	ppb(v/v)	EPA-2 TO-14	
Ethylbenzene	ND	200	ppb(v/v)	EPA-2 TO-14	
Hexachlorobutadiene	ND	400	ppb(v/v)	EPA-2 TO-14	
Methylene chloride	ND	200	ppb(v/v)	EPA-2 TO-14	
Styrene	ND	200	ppb(v/v)	EPA-2 TO-14	
Tetrachloroethene	480	200	ppb(v/v)	EPA-2 TO-14	
Toluene	ND	500	ppb(v/v)	EPA-2 TO-14	
trans-1,2-Dichloroethene	ND	200	ppb(v/v)	EPA-2 TO-14	
trans-1,3-Dichloropropene	ND	200	ppb(v/v)	EPA-2 TO-14	
Trichloroethene	20000	200	ppb(v/v)	EPA-2 TO-14	
Trichlorofluoromethane	ND	200	ppb(v/v)	EPA-2 TO-14	
Vinyl acetate	ND	1000	ppb(v/v)	EPA-2 TO-14	
Vinyl chloride	ND	200	ppb(v/v)	EPA-2 TO-14	
Xylenes (total)	ND	200	ppb(v/v)	EPA-2 TO-14	
Methyl tert-butyl ether (MTBE)	ND	1000	ppb(v/v)	EPA-2 TO-14	
Volatile Organics by TO14					In Review
1,1,1-Trichloroethane	ND	1.1	ug/L	EPA-2 TO-14	
1,1,2,2-Tetrachloroethane	ND	1.4	ug/L	EPA-2 TO-14	
1,1,2-Trichloro-1,2,2-trifluoroethane	43	1.5	ug/L	EPA-2 TO-14	
1,1,2-Trichloroethane	ND	1.1	ug/L	EPA-2 TO-14	
1,1-Dichloroethane	ND	0.81	ug/L	EPA-2 TO-14	
1,1-Dichloroethene	3.2	0.79	ug/L	EPA-2 TO-14	
1,2,4-Trichlorobenzene	ND	15	ug/L	EPA-2 TO-14	
1,2,4-Trimethylbenzene	ND	0.98	ug/L	EPA-2 TO-14	
1,2-Dibromoethane (EDB)	ND	1.5	ug/L	EPA-2 TO-14	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1.4	ug/L	EPA-2 TO-14	
1,2-Dichlorobenzene	ND	1.2	ug/L	EPA-2 TO-14	
1,2-Dichloroethane	ND	0.81	ug/L	EPA-2 TO-14	
1,2-Dichloropropane	ND	0.92	ug/L	EPA-2 TO-14	
1,3,5-Trimethylbenzene	ND	0.98	ug/L	EPA-2 TO-14	
1,3-Dichlorobenzene	ND	1.2	ug/L	EPA-2 TO-14	
1,4-Dichlorobenzene	ND	1.2	ug/L	EPA-2 TO-14	

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QUANTERRA INCORPORATED

PRELIMINARY DATA SUMMARY

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IT GROUP
SVE 14
Project Number: 18708/MCAS EL TORO

Lot #: M9C150171 Date Reported: 3/16/99

Client Sample ID: 18708-921
Sample #: 005 Date Sampled: 03/15/99 08:05 Date Received: 03/15/99 Matrix: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Volatile Organics by TO14				In Review
2-Butanone (MEK)	ND	2.9	ug/L	EPA-2 TO-14
2-Hexanone	ND	12	ug/L	EPA-2 TO-14
4-Ethyltoluene	ND	0.98	ug/L	EPA-2 TO-14
4-Methyl-2-pentanone (MIBK)	ND	4.1	ug/L	EPA-2 TO-14
Acetone	ND	2.4	ug/L	EPA-2 TO-14
Benzene	ND	0.64	ug/L	EPA-2 TO-14
Benzyl chloride	ND	5.2	ug/L	EPA-2 TO-14
Bromodichloromethane	ND	1.3	ug/L	EPA-2 TO-14
Bromoform	ND	2.1	ug/L	EPA-2 TO-14
Bromomethane	ND	0.78	ug/L	EPA-2 TO-14
Carbon disulfide	ND	3.1	ug/L	EPA-2 TO-14
Carbon tetrachloride	ND	1.3	ug/L	EPA-2 TO-14
Chlorobenzene	ND	0.92	ug/L	EPA-2 TO-14
Dibromochloromethane	ND	1.7	ug/L	EPA-2 TO-14
Chloroethane	ND	1.1	ug/L	EPA-2 TO-14
Chloroform	ND	0.97	ug/L	EPA-2 TO-14
Chloromethane	ND	0.82	ug/L	EPA-2 TO-14
cis-1,2-Dichloroethene	ND	0.79	ug/L	EPA-2 TO-14
cis-1,3-Dichloropropene	ND	0.91	ug/L	EPA-2 TO-14
Dichlorodifluoromethane	ND	0.99	ug/L	EPA-2 TO-14
Ethylbenzene	ND	0.87	ug/L	EPA-2 TO-14
Hexachlorobutadiene	ND	4.3	ug/L	EPA-2 TO-14
Methylene chloride	ND	0.69	ug/L	EPA-2 TO-14
Styrene	ND	0.85	ug/L	EPA-2 TO-14
Tetrachloroethene	3.3	1.4	ug/L	EPA-2 TO-14
Toluene	ND	1.9	ug/L	EPA-2 TO-14
trans-1,2-Dichloroethene	ND	0.79	ug/L	EPA-2 TO-14
trans-1,3-Dichloropropene	ND	0.91	ug/L	EPA-2 TO-14
Trichloroethene	110	1.1	ug/L	EPA-2 TO-14
Trichlorofluoromethane	ND	1.1	ug/L	EPA-2 TO-14
Vinyl acetate	ND	3.5	ug/L	EPA-2 TO-14
Vinyl chloride	ND	0.51	ug/L	EPA-2 TO-14
Xylenes (total)	ND	0.87	ug/L	EPA-2 TO-14
Methyl tert-butyl ether (MTBE)	ND	3.6	ug/L	EPA-2 TO-14

24SVE54 (Long Term)	Sample Number	8708-759(**)	18708-760	18708-761	18708-762	18708-763	18708-764	18708-766	18708-767	18708-768	18708-769	18708-774	18708-773	18708-772
	Date Sampled	2/2/99	2/2/99	2/2/99	2/2/99	2/2/99	2/2/99	2/3/99	2/3/99	2/3/99	2/3/99	2/4/99	2/4/99	2/4/99
	Sample Location	Inf - 1 hour	Mid - 1 hour	Eff - 1 hour	Inf - 4 hour	Mid - 4 hour	Eff - 4 hour	Inf - 1st day	Inf - 1st day (dup)	Mid - 1st day	Eff - 1st day	Inf - 2nd daily	Mid - 2nd daily	Eff - 2nd daily
Analytes	Unit													
1,1-Dichloroethene	ppb (ug/L)	250 (0.98)	ND	ND	410 (1.6)	ND	ND	245 (0.97)	230 (0.91)	ND	.5J (0.014J)	345 (1.4)		
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	2400 (18)	1500 (11)	670 (5.1)	3800 (29)	430 (3.3)	1500 (11)	2474 (19)	2397 (18)	1200 (9.4)	110 (0.84)	3881 (30)	110 (0.81)	51 (0.39)
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11 (0.025)	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	16000 (87)	ND	ND	27000 (150)	30 (0.16)	ND	19821 (106)	19594 (105)	29 (0.16)	8.1 (0.044)	26825 (144)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	400 (2.7)	ND	ND	700 (4.7)	ND	ND	391(2.6)	368 (2.5)	ND	ND	648 (4.4)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

	Sample Number	18708-782	18708-781	18708-780	18708-791	18708-792	18708-790	18708-789	18708-809(*)	18708-808	18708-807	8708-843 (***)	18708-845
	Date Sampled	2/5/99	2/5/99	2/5/99	2/8/99	2/8/99	2/8/99	2/8/99	2/9/99	2/9/99	2/9/99	2/16/99	2/16/99
	Sample Location	Inf - 3rd daily	Mid - 3rd daily	Eff - 3rd daily	Inf - 4th daily	Inf - 4th daily (dup)	Mid - 4th daily	Eff - 4th daily	Inf - 1st weekly	Mid - 1st weekly	Eff - 1st weekly	Inf - 2nd weekly (Tedlar)	Inf - 2nd weekly (Tedlar)(dup)
Analytes	Unit				System was down over the weekend.								
1,1-Dichloroethene	ppb (ug/L)	184 (0.73)	ND	ND	NA	NA	NA	NA	246 (0.97)	ND	ND	211J (0.833J)	45 (0.18)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	2068 (16)	72.9 (0.56)	39.8 (0.304)	NA	NA	NA	NA	3193 (24)	13 (0.096)	35 (0.27)	3714 (28.4)	708 (5.4)
Acetone	ppb (ug/L)	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
Methylene Chloride	ppb (ug/L)	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
Chloroform	ppb (ug/L)	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	16018 (86)	ND	ND	NA	NA	NA	NA	19795 (106)	6 (0.032)	7.6 (0.041)	18867 (101)	3078 (16.5)
Toluene	ppb (ug/L)	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	300 (2.02)	ND	ND	NA	NA	NA	NA	450 (3)	ND	ND	323 (2.2)	52 (0.35)
Xylenes	ppb (ug/L)	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ppb (ug/L)	ND	ND	ND	NA	NA	NA	NA	227 (0.90)	ND	ND	ND	29 (0.12)

	Sample Number	18708-844	18708-846	18708-842	18708-841	18708-887	18708-886	18708-885	18708-925	18708-926	18708-924	18708-923
	Date Sampled	2/16/99	2/16/99	2/16/99	2/16/99	2/23/99	2/23/99	2/23/99	3/24/99	3/24/99	3/24/99	3/24/99
	Sample Location	Inf - 2nd weekly (summa canister)	Inf - 2nd weekly (summa canister) (dup)	Mid - 2nd weekly	Eff - 2nd weekly	Inf - 3rd weekly	Mid - 3rd weekly	Eff - 3rd weekly	Inf - 1st monthly	Inf - 1st monthly (dup)	Mid - 1st monthly	Eff - 1st monthly
Analytes	Unit											
1,1-Dichloroethene	ppb (ug/L)	389 (1.54)	392 (1.6)	ND	2.4 (0.009)	224J (0.88J)	ND	ND	240J (0.94J)	290J (1.2J)	ND	3 (0.012)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	5810 (44.4)	5720 (43.7)	14 (0.11)	16 (0.12)	4568 (35)	14.1 (0.11)	6.4 (0.049)	3000 (23)	3800 (29)	11 (0.083)	4.7 (0.036)
Acetone	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	14 (0.034)	11 (0.026)
Methylene Chloride	ppb (ug/L)	ND	ND	2.8 (0.01)	2.4 (0.008)	ND	ND	ND	ND	ND	ND	ND
Chloroform	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	27337 (147)	27265 (146)	3.8 (0.02)	ND	22190 (119)	ND	ND	12000 (65)	14000 (75)	ND	ND
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	678 (4.6)	614 (4.2)	ND	ND	343 (2.3)	ND	ND	310 (2.1)	280 (1.9)	ND	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	140 (0.55)	ND	ND

(*) = Freon 113 and TCE (9.35 ppb) were also detected in the ambient.
(**) = Xylenes was also detected in the ambient.
(***) = Methlyene Chloride was also detected in the ambient.

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222416
FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Thizar Tintut-Williams	LAB COORDINATOR'S PHONE: (714) 660-5300	LAB COORDINATOR'S FAX: (714) 475-5733	LABORATORY SERVICE ID: M98230187	LABORATORY CONTACT: Maria Jones	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 54 @ Site 24	PROJECT LOCATION: MCAS EL Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Duwayne Ishida
PROJECT CONTACT: Thizar Tintut-Williams	PROJECT PHONE NUMBER: (714) 660-5300	PROJECT FAX: (714) 475-5733	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr. Ste 200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana CA	CLIENT: Lynn Harnecker, Sw Div	CITY, STATE AND ZIPCODE: Santa Ana CA		CITY, STATE, AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Sellak	PROJECT MANAGER'S PHONE: (714) 660-5300	PROJECT MANAGER'S FAX: (714) 475-5733			

Analyze 'A' Bag First

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Analyses: Hydrocarbon-Conditional	Comments
1	18708-885	Vapor	2/23/99	0855	Ambient	2	III	24 hr		X	Analyze only if 18708-886 is detected
2	18708-886	Vapor	2/23/99	0900	Ambient	3	III	24 hr	X		
3	18708-887	Vapor	2/23/99	0905	Ambient	3	III	5 day	X		
4											
5											
6											
7											
8											
9											
10											

SAMPLES COLLECTED BY: Linda Inley
COURIER AND AIR BILL NUMBER:
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Linda Inley		2/23/99	1645	

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type: G	C	F	QC
1. 24SVE54-Eff	X		X	
2. 24SVE54-Mid	X		X	
3. 24SVE54-Inf	X		X	

Comments
2nd Weekly Sampling (3rd Wk)
SVE 54 @ Site 24

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

M

Quanterra Air Toxics Lab

Sample Name:	CR2G6102 OHM	**Data Analyzed:**	23 Feb 1999 17:24
Misc. Info:	500ml 18708-885 B230187-1 TEDLAR	**Method:**	MSA0223
Data Name:	A2183.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSA~1\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.01	ND	2.00
3)	Chloromethane		ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.00	ND	2.00
9)	1,1-Dichloroethene	-0.01	ND	2.00
10)	Carbon Disulfide	0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	6.45	2.00
12)	Acetone	0.03	ND	10.00
13)	Methylene Chloride	-0.03	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.16	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.01	ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane	-0.03	ND	2.00
21)	Carbon Tetrachloride	0.02	ND	2.00
23)	Benzene	0.02	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	-0.02	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.39	ND	2.00
30)	4-Methyl-2-Pentanone	-0.13	ND	10.00
32)	Toluene	-0.07	ND ~~3.14~~ <RL	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	-0.01	ND	2.00
37)	2-Hexanone		ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.03	ND	2.00
42)	p,&m-Xylene	0.03	ND	2.00
43)	o-Xylene	0.01	ND	2.00
44)	Styrene	-0.01	ND	2.00
45)	Bromoform		ND	2.00

FEB 24'99 18:47 FR 714 258 0921 TO OHM-IRVINE P.02

Sample Name:	CR2G6102 OHM	**Data Analyzed:**	02/23/19 -1:7:
Misc. Info:	500ml 18708-885 B230187-1 TEDLA	**Method:**	MSA0223
Data Name:	A2183.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSA~1\990222\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane	-0.13	ND	2.00
48) Benzyl Chloride	0.04	ND	10.00
49) 4-Ethyl Toluene	-0.00	ND	2.00
50) 1,3,5-Trimethylbenzene	0.04	ND	2.00
51) 1,2,4-Trimethylbenzene	0.03	ND	2.00
52) 1,3-Dichlorobenzene		ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene	-0.34	ND	2.00
55) 1,2,4-Trichlorobenzene		ND	20.00
56) Hexachlorobutadiene		ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204592	205338	OK	7.51	7.54	OK
1,4-Difluorobenzene	1232790	1231142	OK	9.21	9.22	OK
Chlorobenzene-d5	613466	612803	OK	14.68	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.35	96.7
Toluene-d8	50	49.58	99.2
4-Bromofluorobenzene	50	48.88	97.8

Comments:

Foot Notes:

1st Review: LR 2/24/99

2nd Review: PN 2/24/99

FEB 24 '99 18:48 FR 714 258 0921 TO OHM-IRVINE P.03

Quanterra Air Toxics Lab

Sample Name:	CR2H8102 OHM	**Data Analyzed:**	23 Feb 1999 16:15
Misc. Info:	500ML 18708-886 8230187-2 TEDLAR	**Method:**	MSA0223
Data Name:	A2181.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSA~1\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.01	ND	2.00
3)	Chloromethane		ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)	-0.46	ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.02	ND	2.00
9)	1,1-Dichloroethene	0.06	ND	2.00
10)	Carbon Disulfide	0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	14.10	2.00
12)	Acetone	0.00	ND	10.00
13)	Methylene Chloride	0.01	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.05	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone		ND	10.00
19)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane	-0.00	ND	2.00
21)	Carbon Tetrachloride	0.01	ND	2.00
23)	Benzene	-0.01	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene		ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane	-0.50	ND	2.00
29)	c-1,3-Dichloropropene	0.49	ND	2.00
30)	4-Methyl-2-Pentanone	-0.09	ND	10.00
32)	Toluene	-0.05	ND ~~2.60~~ <RL	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	0.02	ND	2.00
37)	2-Hexanone		ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.02	ND	2.00
42)	p,&m-Xylene	0.03	ND	2.00
43)	o-Xylene	-0.00	ND	2.00
44)	Styrene	0.06	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CR2H8102 OHM	**Data Analyzed:**	02/23/19 -1:6:
Misc. Info:	500ML 18708-886 B230187-2 TEDLA	**Method:**	MSA0223
Data Name:	A2181.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSA~1\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride	-0.04	ND	10.00
49)	4-Ethyl Toluene	0.05	ND	2.00
50)	1,3,5-Trimethylbenzene	0.02	ND	2.00
51)	1,2,4-Trimethylbenzene	0.07	ND	2.00
52)	1,3-Dichlorobenzene	0.20	ND	2.00
53)	1,4-Dichlorobenzene	0.07	ND	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene		ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204592	197191	OK	7.51	7.52	OK
1,4-Difluorobenzene	1232790	1188960	OK	9.21	9.22	OK
Chlorobenzene-d5	613466	584312	OK	14.68	14.63	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.88	95.8
Toluene-d8	50	49.09	98.2
4-Bromofluorobenzene	50	48.55	97.1

Comments:

Foot Notes:

1st Review: LR 2/24/99

2nd Review: PN 2/24/99

Quanterra Air Toxics Lab

Sample Name:	CR2HA102 OHM	**Data Analyzed:**	23 Feb 1999 16:44
Misc. Info:	5ml 18706-887 B230187-3 TEDLAR	**Method:**	MSA0223
Data Name:	A2182.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSA~1\990222\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	200.00
3)	Chloromethane		ND	400.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	200.00
5)	Vinyl Chloride		ND	200.00
6)	Bromomethane		ND	200.00
7)	Chloroethane		ND	400.00
8)	Trichlorofluoromethane (11)		ND	200.00
9)	1,1-Dichloroethene	0.01	223.51 F	200.00
10)	Carbon Disulfide		ND	1000.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	4567.52	200.00
12)	Acetone	-0.10	ND	1000.00
13)	Methylene Chloride		ND	200.00
14)	t-1,2-Dichloroethene		ND	200.00
15)	1,1-Dichloroethane	-0.05	ND	200.00
16)	Vinyl Acetate	-0.37	ND	1000.00
17)	c-1,2-Dichloroethene	0.02	ND	200.00
18)	2-Butanone		ND	1000.00
19)	Chloroform	-0.01	ND	200.00
20)	1,1,1-Trichloroethane		ND	200.00
21)	Carbon Tetrachloride	0.01	ND	200.00
23)	Benzene		ND	200.00
25)	1,2-Dichloroethane		ND	200.00
26)	Trichloroethene	-0.00	22190.28	200.00
27)	1,2-Dichloropropane		ND	200.00
28)	Bromodichloromethane		ND	200.00
29)	c-1,3-Dichloropropene		ND	200.00
30)	4-Methyl-2-Pentanone	-0.10	ND	1000.00
32)	Toluene	-0.15	ND	~~200.00~~ 500
34)	t-1,3-Dichloropropene		ND	200.00
35)	1,1,2-Trichloroethane	0.17	ND	200.00
36)	Tetrachloroethene	0.02	343.26	200.00
37)	2-Hexanone		ND	3000.00
38)	Dibromochloromethane		ND	200.00
39)	1,2-Dibromoethane		ND	200.00
40)	Chlorobenzene		ND	200.00
41)	Ethylbenzene	-0.36	ND	200.00
42)	p,&m-Xylene		ND	200.00
43)	o-Xylene		ND	200.00
44)	Styrene		ND	200.00
45)	Bromoform		ND	200.00

Sample Name:	CR2HA102 OHM	**Data Analyzed:**	02/23/19 -1:6:
Misc. Info:	5ml 18708-887 B230187-3 TEDLAR	**Method:**	MSA0223
Data Name:	A2182.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSA~1\990222\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	200.00
48)	Benzyl Chloride		ND	1000.00
49)	4-Ethyl Toluene	0.16	ND	200.00
50)	1,3,5-Trimethylbenzene	-0.02	ND	200.00
51)	1,2,4-Trimethylbenzene		ND	200.00
52)	1,3-Dichlorobenzene		ND	200.00
53)	1,4-Dichlorobenzene		ND	200.00
54)	1,2-Dichlorobenzene		ND	200.00
55)	1,2,4-Trichlorobenzene		ND	2000.00
56)	Hexachlorobutadiene		ND	400.00
	MTBE		ND	1000

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204592	186712	OK	7.51	7.56	OK
1,4-Difluorobenzene	1232790	1124477	OK	9.21	9.28	OK
Chlorobenzene-d5	613466	558824	OK	14.68	14.71	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.21	100.4
Toluene-d8	50	51.42	102.8
4-Bromofluorobenzene	50	45.11	90.2

Comments:

Foot Notes: E

1st Review: LR 2/24/99

2nd Review: PM 2/24/99

Quanterra Air Toxics Lab

Sample Name:	CR2G6102 OHM	**Data Analyzed:**	23 Feb 1999 17:24
Misc. Info:	500ml 18708-885 B230187-1 TEDLAR	**Method:**	MSA0223
Data Name:	A2183.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSA~1\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.01	ND	0.0099
3)	Chloromethane		ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.00	ND	0.0112
9)	1,1-Dichloroethene	-0.01	ND	0.0079
10)	Carbon Disulfide	0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	0.0493	0.0153
12)	Acetone	0.03	ND	0.0237
13)	Methylene Chloride	-0.03	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.16	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.01	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane	-0.03	ND	0.0109
21)	Carbon Tetrachloride	0.02	ND	0.0126
23)	Benzene	0.02	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	-0.02	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.39	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.13	ND	0.0409
32)	Toluene	-0.07	ND ~~0.0118~~	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	-0.01	ND	0.0135
37)	2-Hexanone		ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.03	ND	0.0087
42)	p,&m-Xylene	0.03	ND	0.0087
43)	o-Xylene	0.01	ND	0.0087
44)	Styrene	-0.01	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CR2G6102 OHM	**Data Analyzed:**	02/23/19 -1:7:
Misc. Info:	500ml 18708-885 B230187-1 TEDL	**Method:**	MSA0223
Data Name:	A2183.D	**Shift Cali.File:**	CC02231.D
Data Path:	D:\GCMSA~1\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.13	ND	0.0137
48)	Benzyl Chloride	0.04	ND	0.0518
49)	4-Ethyl Toluene	-0.00	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.04	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.03	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene	-0.34	ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204592	205338	OK	7.51	7.54	OK
1,4-Difluorobenzene	1232790	1231142	OK	9.21	9.22	OK
Chlorobenzene-d5	613466	612803	OK	14.68	14.65	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	48.35	96.7
Toluene-d8	50	49.58	99.2
4-Bromofluorobenzene	50	48.88	97.8

Comments:

Foot Notes:

1st Review: LR 2/24/99 2nd Review PM 2/24/99

FEB 24'99 18:48 FR 714 258 0921 TO OHM-IRVINE P.05

Quanterra Air Toxics Lab

Sample Name:	CR2H8102 OHM	**Data Analyzed:**	23 Feb 1999 16:15
Misc. Info:	500ML 18708-886 B230187-2 TEDLAR	**Method:**	MSA0223
Data Name:	a2181.d	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsa~1\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.01	ND	0.0099
3)	Chloromethane		ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)	-0.46	ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.02	ND	0.0112
9)	1,1-Dichloroethene	0.06	ND	0.0079
10)	Carbon Disulfide	0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	0.1078	0.0153
12)	Acetone	0.00	ND	0.0237
13)	Methylene Chloride	0.01	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.05	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone		ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane	-0.00	ND	0.0109
21)	Carbon Tetrachloride	0.01	ND	0.0126
23)	Benzene	-0.01	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene		ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane	-0.50	ND	0.0134
29)	c-1,3-Dichloropropene	0.49	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.09	ND	0.0409
32)	Toluene	-0.05	ND ~~0.0180~~	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	0.02	ND	0.0135
37)	2-Hexanone		ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.02	ND	0.0087
42)	p,&m-Xylene	0.03	ND	0.0087
43)	o-Xylene	-0.00	ND	0.0087
44)	Styrene	0.06	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 24'99 18:49 FR 714 258 0921 TO OHM-IRVINE P.08

Sample Name:	CR2H8102 OHM	**Data Analyzed:**	02/23/19 -1:6:
Misc. Info:	500ML 18708-886 B230187-2 TED	**Method:**	MSA0223
Data Name:	a2181.d	**Shift Cali.File:**	CC02231.D
Data Path:	d:\gcmsa~1\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	-0.04	ND	0.0518
49)	4-Ethyl Toluene	0.05	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.02	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.07	ND	0.0098
52)	1,3-Dichlorobenzene	0.20	ND	0.0120
53)	1,4-Dichlorobenzene	0.07	ND	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0-036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204592	197191	OK	7.51	7.52	OK
1,4-Difluorobenzene	1232790	1188960	OK	9.21	9.22	OK
Chlorobenzene-d5	613466	584312	OK	14.68	14.63	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.88	95.8
Toluene-d8	50	49.09	98.2
4-Bromofluorobenzene	50	48.55	97.1

Comments:

Foot Notes:

1st Review: LR 2/24/99 2nd Review pnr 2/24/99

Quanterra Air Toxics Lab

Sample Name:	CR2HA10 OHM	**Data Analyzed:**	23 Feb 1999 16:44
Misc. Info:	5ml 18708-887 B230187-3 TEDLAR	**Method:**	MSA0223
Data Name:	a2182.d	**Shift Call.File:**	CC02231.D
Data Path:	d:\gcmsa-1\990222\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)		ND	0.9870
3)	Chloromethane		ND	0.8244
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952
5)	Vinyl Chloride		ND	0.5102
6)	Bromomethane		ND	0.7750
7)	Chloroethane		ND	1.0532
8)	Trichlorofluoromethane (11)		ND	1.1214
9)	1,1-Dichloroethene	0.01	0.8844 F	0.7914
10)	Carbon Disulfide		ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.02	34.9324	1.5296
12)	Acetone	-0.10	ND	2.3710
13)	Methylene Chloride		ND	0.6934
14)	t-1,2-Dichloroethene		ND	0.7914
15)	1,1-Dichloroethane	-0.05	ND	0.8078
16)	Vinyl Acetate	-0.37	ND	3.5140
17)	c-1,2-Dichloroethene	0.02	ND	0.7914
18)	2-Butanone		ND	2.9430
19)	Chloroform	-0.01	ND	0.9746
20)	1,1,1-Trichloroethane		ND	1.0890
21)	Carbon Tetrachloride	0.01	ND	1.2556
23)	Benzene		ND	0.6376
25)	1,2-Dichloroethane		ND	0.8078
26)	Trichloroethene	-0.00	119.0065	1.0726
27)	1,2-Dichloropropane		ND	0.9224
28)	Bromodichloromethane		ND	1.3374
29)	c-1,3-Dichloropropene		ND	0.9058
30)	4-Methyl-2-Pentanone	-0.10	ND	4.0880
32)	Toluene	-0.15	ND	~~0.7622~~ 1.9
34)	t-1,3-Dichloropropene		ND	0.9058
35)	1,1,2-Trichloroethane	0.17	ND	1.0890
36)	Tetrachloroethene	0.02	2.3235	1.3538
37)	2-Hexanone		ND	12.2640
38)	Dibromochloromethane		ND	1.7004
39)	1,2-Dibromoethane		ND	1.5336
40)	Chlorobenzene		ND	0.9188
41)	Ethylbenzene	-0.36	ND	0.8666
42)	p,&m-Xylene		ND	0.8666
43)	o-Xylene		ND	0.8666
44)	Styrene		ND	0.8502
45)	Bromoform		ND	2.0632

FEB 24'99 18:50 FR (14 25# 0921 TO OHM-TRVINE P.12

Sample Name:	CR2HA102 OHM	**Data Analyzed:**	02/23/19 -1:6:
Misc. Info:	5ml 18708-887 B230187-3 TEDLA	**Method:**	MSA0223
Data Name:	a2182.d	**Shift Call.File:**	CC02231.D
Data Path:	d:\gcmsa~1\990222\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.3702
48)	Benzyl Chloride		ND	5.1760
49)	4-Ethyl Toluene	0.16	ND	0.9812
50)	1,3,5-Trimethylbenzene	-0.02	ND	0.9812
51)	1,2,4-Trimethylbenzene		ND	0.9812
52)	1,3-Dichlorobenzene		ND	1.2000
53)	1,4-Dichlorobenzene		ND	1.2000
54)	1,2-Dichlorobenzene		ND	1.2000
55)	1,2,4-Trichlorobenzene		ND	14.8120
56)	Hexachlorobutadiene		ND	4.2572
	MTBE		ND	3.6

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	204592	186712	OK	7.51	7.56	OK
1,4-Difluorobenzene	1232790	1124477	OK	9.21	9.28	OK
Chlorobenzene-d5	613466	558824	OK	14.68	14.71	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.21	100.4
Toluene-d8	50	51.42	102.8
4-Bromofluorobenzene	50	45.11	90.2

Comments:

Foot Notes: F

1st Review: LR 2/24/99 2nd Review PH 2/24/99

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222454
FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Thizar Tintut-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: MQE240243	LABORATORY CONTACT: MARIA JONES	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 54 & Site 24	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Thizar Tintut-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr. #200
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Hornecker. SWDIV.	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: BILL SEDLAK	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' bag first.

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Hold Conditional	Comments
1	18708-922	Vapor Ambient	3/24/99	1105	Ambient	2	III	5 DAY	X		
2	18708-923	Vapor Ambient	3/24/99	1110	Ambient	2	III	24 hr		X	Analyze only if 18708-924 is detected
3	18708-924	Vapor	3/24/99	1112	Ambient	2	III	24 hr	X		
4	18708-925	Vapor	3/24/99	1115	Ambient	2	III	5 DAY	X		
5	18708-926	Vapor	3/24/99	1116	Ambient	2	IV	5 DAY	X		
6											
7											
8											
9											
10											

3/24/99

SAMPLES COLLECTED BY: [signature]
COURIER AND AIR BILL NUMBER:
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]	[signature]	3/24/99	1645	

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type: G	C	F	QC
1. Ambient Blank	X		X	X
2. SVE54-Eg	X		X	
3. SVE54-Mid	X		X	
4. SVE54-Inc	X		X	
5. SVE54-Inc (Dup)	X		X	X

Comments

Monthly Sampling Event

(4) and (5) are duplicates

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

EXECUTIVE SUMMARY - Detection Highlights

M9C240243

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
18708-922 03/24/99 11:05 001				
Acetone	11	10	ppb(v/v)	EPA-2 TO-14
Acetone	0.027	0.024	ug/L	EPA-2 TO-14
18708-923 03/24/99 11:10 002				
1,1-Dichloroethene	3.0	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	4.7	2.0	ppb(v/v)	EPA-2 TO-14
Acetone	11	10	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethene	0.012	0.0079	ug/L	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	0.036	0.015	ug/L	EPA-2 TO-14
Acetone	0.026	0.024	ug/L	EPA-2 TO-14
18708-924 03/24/99 11:12 003				
1,1,2-Trichloro-1,2,2-trifluoroethane	11	2.0	ppb(v/v)	EPA-2 TO-14
Acetone	14	10	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	0.083	0.015	ug/L	EPA-2 TO-14
Acetone	0.034	0.024	ug/L	EPA-2 TO-14
18708-925 03/24/99 11:15 004				
1,1-Dichloroethene	240 F	130	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	3000	130	ppb(v/v)	EPA-2 TO-14
Trichloroethene	12000	130	ppb(v/v)	EPA-2 TO-14
Tetrachloroethene	310	130	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethene	0.94 F	0.53	ug/L	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	23	1.0	ug/L	EPA-2 TO-14
Trichloroethene	65	0.74	ug/L	EPA-2 TO-14
Tetrachloroethene	2.1	0.94	ug/L	EPA-2 TO-14
18708-926 03/24/99 11:16 005				
1,1-Dichloroethene	290 F	100	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	3800	100	ppb(v/v)	EPA-2 TO-14
Trichloroethene	14000	100	ppb(v/v)	EPA-2 TO-14
Tetrachloroethene	280	100	ppb(v/v)	EPA-2 TO-14

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

M9C240243

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
18708-926 03/24/99 11:16 005				
cis-1,2-Dichloroethene	140	100	ppb(v/v)	EPA-2 TO-14
1,1-Dichloroethene	1.2 F	0.40	ug/L	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	29	0.75	ug/L	EPA-2 TO-14
Trichloroethene	75	0.55	ug/L	EPA-2 TO-14
Tetrachloroethene	1.9	0.70	ug/L	EPA-2 TO-14
cis-1,2-Dichloroethene	0.55	0.40	ug/L	EPA-2 TO-14

IT CORPORATION

Client Sample ID: 18708-922

GC/MS Volatiles

Lot-Sample #...: M9C240243-001 **Work Order #...:** CRXQR102 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:05 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084331 **Analysis Time..:** 12:03
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
cetone	**11**	**10**	**ppb(v/v)**
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-922

GC/MS Volatiles

Lot-Sample #...: M9C240243-001 **Work Order #...:** CRXQR102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-922

GC/MS Volatiles

Lot-Sample #...: M9C240243-001 **Work Order #...:** CRXQR101 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:05 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084332 **Analysis Time..:** 12:03
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
cetone	**0.027**	**0.024**	**ug/L**
ethylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

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IT CORPORATION

Client Sample ID: 18708-922

GC/MS Volatiles

Lot-Sample #...: M9C240243-001 **Work Order #...:** CRXQR101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-923

GC/MS Volatiles

Lot-Sample #...: M9C240243-002 **Work Order #...:** CRXR5102 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:10 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084331 **Analysis Time..:** 11:34
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	**3.0**	**2.0**	**ppb(v/v)**
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**4.7**	**2.0**	**ppb(v/v)**
Acetone	**11**	**10**	**ppb(v/v)**
Methylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-923

GC/MS Volatiles

Lot-Sample #...: M9C240243-002 **Work Order #...:** CRXR5102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-923

GC/MS Volatiles

Lot-Sample #...: M9C240243-002 **Work Order #...:** CRXR5101 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:10 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084332 **Analysis Time..:** 11:34
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	**0.012**	**0.0079**	**ug/L**
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.036**	**0.015**	**ug/L**
cetone	**0.026**	**0.024**	**ug/L**
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

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IT CORPORATION

Client Sample ID: 18708-923

GC/MS Volatiles

Lot-Sample #...: M9C240243-002 **Work Order #...:** CRXR5101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

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IT CORPORATION

Client Sample ID: 18708-924

GC/MS Volatiles

Lot-Sample #...: M9C240243-003 **Work Order #...:** CRXR9102 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:12 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084331 **Analysis Time..:** 11:05
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**11**	**2.0**	**ppb(v/v)**
cetone	**14**	**10**	**ppb(v/v)**
ethylene chloride	ND	2.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-924

GC/MS Volatiles

Lot-Sample #...: M9C240243-003 **Work Order #...:** CRXR9102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT CORPORATION

Client Sample ID: 18708-924

GC/MS Volatiles

Lot-Sample #...: M9C240243-003 **Work Order #...:** CRXR9101 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:12 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084332 **Analysis Time..:** 11:05
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.0099	ug/L
Chloromethane	ND	0.0082	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
Vinyl chloride	ND	0.0051	ug/L
Bromomethane	ND	0.0078	ug/L
Chloroethane	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
Carbon disulfide	ND	0.031	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.083**	**0.015**	**ug/L**
cetone	**0.034**	**0.024**	**ug/L**
Methylene chloride	ND	0.0069	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
Vinyl acetate	ND	0.035	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
Chloroform	ND	0.0097	ug/L
1,1,1-Trichloroethane	ND	0.011	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Benzene	ND	0.0064	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
Trichloroethene	ND	0.011	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
Bromodichloromethane	ND	0.013	ug/L
cis-1,3-Dichloropropene	ND	0.0091	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Toluene	ND	0.019	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
Tetrachloroethene	ND	0.014	ug/L
2-Hexanone	ND	0.12	ug/L
Dibromochloromethane	ND	0.017	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

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IT CORPORATION

Client Sample ID: 18708-924

GC/MS Volatiles

Lot-Sample #...: M9C240243-003 **Work Order #...:** CRXR9101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.0092	ug/L
Ethylbenzene	ND	0.0087	ug/L
Xylenes (total)	ND	0.0087	ug/L
Styrene	ND	0.0085	ug/L
Bromoform	ND	0.021	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
Benzyl chloride	ND	0.052	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT CORPORATION

Client Sample ID: 18708-925

GC/MS Volatiles

Lot-Sample #...: M9C240243-004 **Work Order #...:** CRXRA102 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:15 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084331 **Analysis Time..:** 12:31
Dilution Factor: 67
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	130	ppb(v/v)
Chloromethane	ND	270	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	130	ppb(v/v)
Vinyl chloride	ND	130	ppb(v/v)
Bromomethane	ND	130	ppb(v/v)
Chloroethane	ND	270	ppb(v/v)
Trichlorofluoromethane	ND	130	ppb(v/v)
1,1-Dichloroethene	**240 F**	**130**	**ppb(v/v)**
Carbon disulfide	ND	670	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**3000**	**130**	**ppb(v/v)**
Acetone	ND	670	ppb(v/v)
Methylene chloride	ND	130	ppb(v/v)
trans-1,2-Dichloroethene	ND	130	ppb(v/v)
1,1-Dichloroethane	ND	130	ppb(v/v)
Vinyl acetate	ND	670	ppb(v/v)
2-Butanone (MEK)	ND	670	ppb(v/v)
Chloroform	ND	130	ppb(v/v)
1,1,1-Trichloroethane	ND	130	ppb(v/v)
Carbon tetrachloride	ND	130	ppb(v/v)
Benzene	ND	130	ppb(v/v)
1,2-Dichloroethane	ND	130	ppb(v/v)
Trichloroethene	**12000**	**130**	**ppb(v/v)**
1,2-Dichloropropane	ND	130	ppb(v/v)
Bromodichloromethane	ND	130	ppb(v/v)
cis-1,3-Dichloropropene	ND	130	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	670	ppb(v/v)
Toluene	ND	340	ppb(v/v)
trans-1,3-Dichloropropene	ND	130	ppb(v/v)
1,1,2-Trichloroethane	ND	130	ppb(v/v)
Tetrachloroethene	**310**	**130**	**ppb(v/v)**
2-Hexanone	ND	2000	ppb(v/v)
Dibromochloromethane	ND	130	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	130	ppb(v/v)
cis-1,2-Dichloroethene	ND	130	ppb(v/v)

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IT CORPORATION

Client Sample ID: 18708-925

GC/MS Volatiles

Lot-Sample #...: M9C240243-004 **Work Order #...:** CRXRA102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	130	ppb(v/v)
Ethylbenzene	ND	130	ppb(v/v)
Xylenes (total)	ND	130	ppb(v/v)
Styrene	ND	130	ppb(v/v)
Bromoform	ND	130	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	130	ppb(v/v)
Benzyl chloride	ND	670	ppb(v/v)
4-Ethyltoluene	ND	130	ppb(v/v)
1,3,5-Trimethylbenzene	ND	130	ppb(v/v)
1,2,4-Trimethylbenzene	ND	130	ppb(v/v)
1,3-Dichlorobenzene	ND	130	ppb(v/v)
1,4-Dichlorobenzene	ND	130	ppb(v/v)
1,2-Dichlorobenzene	ND	130	ppb(v/v)
1,2,4-Trichlorobenzene	ND	1300	ppb(v/v)
Hexachlorobutadiene	ND	270	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	670	ppb(v/v)

OTE(S):

F - Reported value estimated due to an interference.

IT CORPORATION

Client Sample ID: 18708-925

GC/MS Volatiles

Lot-Sample #...: M9C240243-004 **Work Order #...:** CRXRA101 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:15 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084332 **Analysis Time..:** 12:31
Dilution Factor: 67
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.66	ug/L
Chloromethane	ND	0.55	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.94	ug/L
Vinyl chloride	ND	0.34	ug/L
Bromomethane	ND	0.52	ug/L
Chloroethane	ND	0.74	ug/L
Trichlorofluoromethane	ND	0.74	ug/L
1,1-Dichloroethene	**0.94 F**	**0.53**	**ug/L**
Carbon disulfide	ND	2.1	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**23**	**1.0**	**ug/L**
Acetone	ND	1.6	ug/L
Methylene chloride	ND	0.46	ug/L
trans-1,2-Dichloroethene	ND	0.53	ug/L
1,1-Dichloroethane	ND	0.54	ug/L
Vinyl acetate	ND	2.3	ug/L
2-Butanone (MEK)	ND	1.9	ug/L
Chloroform	ND	0.65	ug/L
1,1,1-Trichloroethane	ND	0.74	ug/L
Carbon tetrachloride	ND	0.87	ug/L
Benzene	ND	0.43	ug/L
1,2-Dichloroethane	ND	0.54	ug/L
Trichloroethene	**65**	**0.74**	**ug/L**
1,2-Dichloropropane	ND	0.62	ug/L
Bromodichloromethane	ND	0.87	ug/L
cis-1,3-Dichloropropene	ND	0.61	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.7	ug/L
Toluene	ND	1.3	ug/L
trans-1,3-Dichloropropene	ND	0.61	ug/L
1,1,2-Trichloroethane	ND	0.74	ug/L
Tetrachloroethene	**2.1**	**0.94**	**ug/L**
2-Hexanone	ND	8.0	ug/L
Dibromochloromethane	ND	1.1	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	0.53	ug/L

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IT CORPORATION

Client Sample ID: 18708-925

GC/MS Volatiles

Lot-Sample #...: M9C240243-004 **Work Order #...:** CRXRA101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.62	ug/L
Ethylbenzene	ND	0.58	ug/L
Xylenes (total)	ND	0.58	ug/L
Styrene	ND	0.57	ug/L
Bromoform	ND	1.4	ug/L
1,1,2,2-Tetrachloroethane	ND	0.94	ug/L
Benzyl chloride	ND	3.5	ug/L
4-Ethyltoluene	ND	0.66	ug/L
1,3,5-Trimethylbenzene	ND	0.66	ug/L
1,2,4-Trimethylbenzene	ND	0.66	ug/L
1,3-Dichlorobenzene	ND	0.80	ug/L
1,4-Dichlorobenzene	ND	0.80	ug/L
1,2-Dichlorobenzene	ND	0.80	ug/L
1,2,4-Trichlorobenzene	ND	10	ug/L
Hexachlorobutadiene	ND	2.9	ug/L
Methyl tert-butyl ether (MTBE)	ND	2.4	ug/L

OTE(S):

F - Reported value estimated due to an interference.

IT CORPORATION

Client Sample ID: 18708-926

GC/MS Volatiles

Lot-Sample #...: M9C240243-005 **Work Order #...:** CRXRC106 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:16 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084331 **Analysis Time..:** 13:14
Dilution Factor: 50
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	100	ppb(v/v)
Chloromethane	ND	200	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	100	ppb(v/v)
Vinyl chloride	ND	100	ppb(v/v)
Bromomethane	ND	100	ppb(v/v)
Chloroethane	ND	200	ppb(v/v)
Trichlorofluoromethane	ND	100	ppb(v/v)
1,1-Dichloroethene	**290 F**	**100**	**ppb(v/v)**
Carbon disulfide	ND	500	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**3800**	**100**	**ppb(v/v)**
cetone	ND	500	ppb(v/v)
Methylene chloride	ND	100	ppb(v/v)
trans-1,2-Dichloroethene	ND	100	ppb(v/v)
1,1-Dichloroethane	ND	100	ppb(v/v)
Vinyl acetate	ND	500	ppb(v/v)
2-Butanone (MEK)	ND	500	ppb(v/v)
Chloroform	ND	100	ppb(v/v)
1,1,1-Trichloroethane	ND	100	ppb(v/v)
Carbon tetrachloride	ND	100	ppb(v/v)
Benzene	ND	100	ppb(v/v)
1,2-Dichloroethane	ND	100	ppb(v/v)
Trichloroethene	**14000**	**100**	**ppb(v/v)**
1,2-Dichloropropane	ND	100	ppb(v/v)
Bromodichloromethane	ND	100	ppb(v/v)
cis-1,3-Dichloropropene	ND	100	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	500	ppb(v/v)
Toluene	ND	250	ppb(v/v)
trans-1,3-Dichloropropene	ND	100	ppb(v/v)
1,1,2-Trichloroethane	ND	100	ppb(v/v)
Tetrachloroethene	**280**	**100**	**ppb(v/v)**
2-Hexanone	ND	1500	ppb(v/v)
Dibromochloromethane	ND	100	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	100	ppb(v/v)
cis-1,2-Dichloroethene	**140**	**100**	**ppb(v/v)**

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IT CORPORATION

Client Sample ID: 18708-926

GC/MS Volatiles

Lot-Sample #...: M9C240243-005 **Work Order #...:** CRXRC106 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	100	ppb(v/v)
Ethylbenzene	ND	100	ppb(v/v)
Xylenes (total)	ND	100	ppb(v/v)
Styrene	ND	100	ppb(v/v)
Bromoform	ND	100	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	100	ppb(v/v)
Benzyl chloride	ND	500	ppb(v/v)
4-Ethyltoluene	ND	100	ppb(v/v)
1,3,5-Trimethylbenzene	ND	100	ppb(v/v)
1,2,4-Trimethylbenzene	ND	100	ppb(v/v)
1,3-Dichlorobenzene	ND	100	ppb(v/v)
1,4-Dichlorobenzene	ND	100	ppb(v/v)
1,2-Dichlorobenzene	ND	100	ppb(v/v)
1,2,4-Trichlorobenzene	ND	1000	ppb(v/v)
Hexachlorobutadiene	ND	200	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	500	ppb(v/v)

OTE(S):

P - Reported value estimated due to an interference.

IT CORPORATION

Client Sample ID: 18708-926

GC/MS Volatiles

Lot-Sample #...: M9C240243-005 **Work Order #...:** CRXRC105 **Matrix.....:** AIR
Date Sampled...: 03/24/99 11:16 **Date Received..:** 03/24/99
Prep Date.....: 03/25/99 **Analysis Date..:** 03/25/99
Prep Batch #...: 9084332 **Analysis Time..:** 13:14
Dilution Factor: 50
Analyst ID.....: 341569 **Instrument ID..:** MSB
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.50	ug/L
Chloromethane	ND	0.41	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.70	ug/L
Vinyl chloride	ND	0.26	ug/L
Bromomethane	ND	0.39	ug/L
Chloroethane	ND	0.55	ug/L
Trichlorofluoromethane	ND	0.55	ug/L
1,1-Dichloroethene	**1.2 F**	**0.40**	**ug/L**
Carbon disulfide	ND	1.6	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**29**	**0.75**	**ug/L**
Acetone	ND	1.2	ug/L
Methylene chloride	ND	0.34	ug/L
trans-1,2-Dichloroethene	ND	0.40	ug/L
1,1-Dichloroethane	ND	0.40	ug/L
Vinyl acetate	ND	1.8	ug/L
2-Butanone (MEK)	ND	1.4	ug/L
Chloroform	ND	0.48	ug/L
1,1,1-Trichloroethane	ND	0.55	ug/L
Carbon tetrachloride	ND	0.65	ug/L
Benzene	ND	0.32	ug/L
1,2-Dichloroethane	ND	0.40	ug/L
Trichloroethene	**75**	**0.55**	**ug/L**
1,2-Dichloropropane	ND	0.46	ug/L
Bromodichloromethane	ND	0.65	ug/L
cis-1,3-Dichloropropene	ND	0.46	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	0.94	ug/L
trans-1,3-Dichloropropene	ND	0.46	ug/L
1,1,2-Trichloroethane	ND	0.55	ug/L
Tetrachloroethene	**1.9**	**0.70**	**ug/L**
2-Hexanone	ND	6.0	ug/L
Dibromochloromethane	ND	0.85	ug/L
1,2-Dibromoethane (EDB)	ND	0.75	ug/L
cis-1,2-Dichloroethene	**0.55**	**0.40**	**ug/L**

(Continued on next page)

IT CORPORATION

Client Sample ID: 18708-926

GC/MS Volatiles

Lot-Sample #...: M9C240243-005 **Work Order #...:** CRXRC105 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.46	ug/L
Ethylbenzene	ND	0.44	ug/L
Xylenes (total)	ND	0.44	ug/L
Styrene	ND	0.42	ug/L
Bromoform	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	0.70	ug/L
Benzyl chloride	ND	2.6	ug/L
4-Ethyltoluene	ND	0.49	ug/L
1,3,5-Trimethylbenzene	ND	0.49	ug/L
1,2,4-Trimethylbenzene	ND	0.49	ug/L
1,3-Dichlorobenzene	ND	0.60	ug/L
1,4-Dichlorobenzene	ND	0.60	ug/L
1,2-Dichlorobenzene	ND	0.60	ug/L
1,2,4-Trichlorobenzene	ND	7.5	ug/L
Hexachlorobutadiene	ND	2.2	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.8	ug/L

NOTE(S):

F - Reported value estimated due to an interference.

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222454
FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Shizar Tintut-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: MQE240243	LABORATORY CONTACT: MARIA JONES	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 54 E Site 24	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Shizar Tintut-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr. #200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Hornecker - SWDIV.	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' bag first.

ITEM	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Hold (conditional)	Comments
1	18708-922	Vapor Ambient	3/24/99	1105	Ambient	2	III	5 DAY	X		
2	18708-923	Vapor Ambient	3/24/99	1110	Ambient	2	III	24 hr		X	Analyze only if 18708-924 is detected
3	18708-924	Vapor	3/24/99	1112	Ambient	2	III	24 hr	X		
4	18708-925	Vapor	3/24/99	1115	Ambient	2	III	5 DAY	X		
5	18708-926	Vapor	3/24/99	1116	Ambient	2	IV	5 DAY	X		
6											
7											
8											
9											
10											

SAMPLES COLLECTED BY: [signature]
RELINQUISHED BY: [signature]
COURIER AND AIR BILL NUMBER:
RECEIVED BY: [signature]
DATE: 3/24/99
TIME: 14:41
COOLER TEMPERATURE UPON RECEIPT:
SAMPLE'S CONDITION UPON RECEIPT:

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type: G	C	F	QC
1. Ambient Blank	X		X	X
2. SVE54-Eh	X		X	
3. SVE54-Mid	X		X	
4. SVE54-Inf	X		X	
5. SVE54-Inf (Dup)	X		X	X

Comments: Monthly Sampling Event
(4) and (5) are duplicates

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222408
FORM 0019 REV. 2-97

M9B160195

OHM's LAB COORDINATOR: Thizar Tintut-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5733	LABORATORY SERVICE ID: Ø	LABORATORY CONTACT: Maria Jones	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: SVE 54 @ Site 04	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Thizar Tintut-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5733	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson, Ste 200
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana CA	CLIENT: Lynn Hornecker, SW Div	CITY, STATE, AND ZIPCODE: Santa Ana CA		CITY, STATE, AND ZIPCODE: Irvine CA
PROJECT MANAGER: Bill Sedlak	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5733			

Analyze 'A' Bag first

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Hold-Conditional	Comments
1	18708-840 ✓	Vapor	2/16/99	1040	Ambient	2	III	5-DAY	X		
2	18708-841	Vapor	2/16/99	1045	Ambient	2	III	24-hr.		X	Analyze only if 18708-842 is detected.
3	18708-842	Vapor	2/16/99	1047	Ambient	3	III	24-hr.	X		
4	18708-843 ✓	Vapor	2/16/99	1100	Ambient	3	III	5-DAY	X		
5	18708-844 ✓	Vapor	2/16/99	1105	Ambient	1	III	5-DAY	X		
6	18708-845 ✓	Vapor	2/16/99	1110	Ambient	3	IV	5-DAY	X		
7	18708-846 ✓	Vapor	2/16/99	1115	Ambient	1	III	5-DAY	X		
8											
9											
10											

2/16/99

SAMPLES COLLECTED BY: [signature]

COURIER AND AIR BILL NUMBER:

COOLER TEMPERATURE UPON RECEIPT:

SAMPLE'S CONDITION UPON RECEIPT

RELINQUISHED BY	RECEIVED BY	DATE	TIME
[signature]	[signature]	2/16/99	3:01 PM

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type G	C	F	QC
1. 24SVE54 - Ambient	X		X	X
2. 24SVE54 - Eff	X		X	
3. 24SVE54 - Mid	X		X	
4. 24SVE54 - Inf	X		X	
5. 24SVE54 - Inf w/canister	X		X	
6. 24SVE54 - Inf (dup)	X		X	X
7. 24SVE54 - Inf (dup) w/canister	X		X	X

Comments

(4) and (6) are duplicates by tedlar bag
(5) and (7) are duplicates by summa canisters

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

Quanterra Air Toxics Lab

Sample Name:	CQTPC-102 OHM	**Data Analyzed:**	16 Feb 1999 19:35
Misc. Info:	500ml 18708-840 B160195-1 TEDLA	**Method:**	MSB0216
Data Name:	B1155.D	**Shift Call.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.03	ND	2.00
3)	Chloromethane	-0.03	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane	-0.01	ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.01	ND	2.00
9)	1,1-Dichloroethene		ND	2.00
10)	Carbon Disulfide	0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	ND	2.00
12)	Acetone	0.00	ND	10.00
13)	Methylene Chloride	0.01	2.86	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	-0.00	ND	2.00
16)	Vinyl Acetate	0.10	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.03	ND	10.00
19)	Chloroform	0.39	ND	2.00
20)	1,1,1-Trichloroethane	0.02	ND	2.00
21)	Carbon Tetrachloride	0.06	ND	2.00
23)	Benzene	-0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	0.00	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.09	ND	10.00
32)	Toluene	-0.08	ND	~~2.00~~ 5.00
34)	t-1,3-Dichloropropene	-0.24	ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	-0.03	ND	2.00
37)	2-Hexanone	-0.12	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.04	ND	2.00
42)	p,&m-Xylene	0.01	ND	2.00
43)	o-Xylene	0.05	ND	2.00
44)	Styrene	0.02	ND	2.00
45)	Bromoform		ND	2.00

FEB 26'99 7:45 FR 714 258 0921 TO OHM-IRVINE P.03

Sample Name:	CQTPC-101 OHM	**Data Analyzed:**	02/16/19 -1:9;
Misc. Info:	500ml 18708-840 B160195-1 TE	**Method:**	MSB0216
Data Name:	B1155.D	**Shift Call.File:**	CC02161.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	2.00
48)	Benzyl Chloride		ND	10.00
49)	4-Ethyl Toluene	0.03	ND	2.00
50)	1,3,5-Trimethylbenzene	-0.04	ND	2.00
51)	1,2,4-Trimethylbenzene	0.10	ND	2.00
52)	1,3-Dichlorobenzene		ND	2.00
53)	1,4-Dichlorobenzene		ND	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene	-0.35	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		NO	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	274430	316297	OK	7.06	7.04	OK
1,4-Difluorobenzene	1097477	1092067	OK	8.69	8.68	OK
Chlorobenzene-d5	562450	583035	OK	14.01	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.13	106.3
Toluene-d8	50	45.29	90.6
4-Bromofluorobenzene	50	49.37	98.7

Comments:

Foot Notes:

1st Review: PWE 2/17/99 2nd Review:

FEB 26'99 7:45 FR 714 258 0921 TO OHM-IRVINE P.04

Quanterra Air Toxics Lab

Sample Name:	CQTPH-10 2 OHM	**Data Analyzed:**	16 Feb 1999 19:36
Misc. Info:	5 ml 18708-843 B160195-4 TEDLAR	**Method:**	MSA0216
Data Name:	A2125.D	**Shift Cali.File:**	CC02161.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	100

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	200.00
3)	Chloromethane		ND	400.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	200.00
5)	Vinyl Chloride		ND	200.00
6)	Bromomethane		ND	200.00
7)	Chloroethane		ND	400.00
8)	Trichlorofluoromethane (11)		ND	200.00
9)	1,1-Dichloroethene	-0.01	210.62 F	200.00
10)	Carbon Disulfide		ND	1000.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	3713.51	200.00
12)	Acetone	-0.11	ND	1000.00
13)	Methylene Chloride		ND	200.00
14)	t-1,2-Dichloroethene		ND	200.00
15)	1,1-Dichloroethane		ND	200.00
16)	Vinyl Acetate		ND	1000.00
17)	c-1,2-Dichloroethene	0.02	ND	200.00
18)	2-Butanone		ND	1000.00
19)	Chloroform	-0.01	ND	200.00
20)	1,1,1-Trichloroethane		ND	200.00
21)	Carbon Tetrachloride	0.01	ND	200.00
23)	Benzene		ND	200.00
25)	1,2-Dichloroethane		ND	200.00
26)	Trichloroethene	0.03	18866.59	200.00
27)	1,2-Dichloropropane		ND	200.00
28)	Bromodichloromethane		ND	200.00
29)	c-1,3-Dichloropropene		ND	200.00
30)	4-Methyl-2-Pentanone	-0.03	ND	1000.00
32)	Toluene		ND	~~200.00~~ 500
34)	t-1,3-Dichloropropene		ND	200.00
35)	1,1,2-Trichloroethane		ND	200.00
36)	Tetrachloroethene	0.02	323.05	200.00
37)	2-Hexanone		ND	3000.00
38)	Dibromochloromethane		ND	200.00
39)	1,2-Dibromoethane		ND	200.00
40)	Chlorobenzene		ND	200.00
41)	Ethylbenzene	-0.39	ND	200.00
42)	p,&m-Xylene		ND	200.00
43)	o-Xylene		ND	200.00
44)	Styrene		ND	200.00
45)	Bromoform		ND	200.00

FEB 26'99 7:46 FR 714 258 0921 TO OHM-IRVINE P.07

Sample Name:	CQTPH-101 OHM	**Data Analyzed:**	02/16/19 -1:9:
Misc. Info:	5 ml 18708-843 B160195-4 TEDLAR	**Method:**	MSA0216
Data Name:	A2125.D	**Shift Cali.File:**	CC02161.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	100

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	200.00
48) Benzyl Chloride		ND	1000.00
49) 4-Ethyl Toluene		ND	200.00
50) 1,3,5-Trimethylbenzene		ND	200.00
51) 1,2,4-Trimethylbenzene		ND	200.00
52) 1,3-Dichlorobenzene		ND	200.00
53) 1,4-Dichlorobenzene		ND	200.00
54) 1,2-Dichlorobenzene		ND	200.00
55) 1,2,4-Trichlorobenzene		ND	2000.00
56) Hexachlorobutadiene		ND	400.00
MTBE		ND	1000

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150216	141117	OK	7.53	7.56	OK
1,4-Difluorobenzene	807465	817176	OK	9.24	9.28	OK
Chlorobenzene-d5	402152	399890	OK	14.70	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.62	93.2
Toluene-d8	50	50.18	100.4
4-Bromofluorobenzene	50	46.17	92.3

Comments:

Foot Notes: F

1st Review: PH 2/17/99

2nd Review:

FEB 26'99 7:46 FR 714 258 0921 TO OHM-IRVINE P.08

Quanterra Air Toxics Lab

Sample Name:	CQTPJ102 OHM	**Data Analyzed:**	17 Feb 1999 16:24
Misc. Info:	6ml 18708-844 B160195-5 24.6/11.1	**Method:**	MSB0217
Data Name:	B1162.D	**Shift Cali.File:**	CC02171.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	183.2

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	366.40
3)	Chloromethane		ND	732.80
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	366.40
5)	Vinyl Chloride	-0.19	ND	366.40
6)	Bromomethane		ND	366.40
7)	Chloroethane		ND	732.80
8)	Trichlorofluoromethane (11)		ND	366.40
9)	1,1-Dichloroethene	-0.01	388.51	366.40
10)	Carbon Disulfide	-0.02	ND	1832.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	5810.18	366.40
12)	Acetone	-0.06	ND	1832.00
13)	Methylene Chloride	-0.00	ND	366.40
14)	t-1,2-Dichloroethene		ND	366.40
15)	1,1-Dichloroethane	-0.04	ND	366.40
16)	Vinyl Acetate		ND	1832.00
17)	c-1,2-Dichloroethene	0.00	ND	366.40
18)	2-Butanone		ND	1832.00
19)	Chloroform	0.01	ND	366.40
20)	1,1,1-Trichloroethane		ND	366.40
21)	Carbon Tetrachloride	0.02	ND	366.40
23)	Benzene	0.08	ND	366.40
25)	1,2-Dichloroethane		ND	366.40
26)	Trichloroethene	-0.00	27336.82	366.40
27)	1,2-Dichloropropane		ND	366.40
28)	Bromodichloromethane		ND	366.40
29)	c-1,3-Dichloropropene		ND	366.40
30)	4-Methyl-2-Pentanone	-0.04	ND	1832.00
32)	Toluene		ND	366.40
34)	t-1,3-Dichloropropene		ND	366.40
35)	1,1,2-Trichloroethane		ND	366.40
36)	Tetrachloroethene	0.02	677.98	366.40
37)	2-Hexanone		ND	5496.00
38)	Dibromochloromethane		ND	366.40
39)	1,2-Dibromoethane		ND	366.40
40)	Chlorobenzene		ND	366.40
41)	Ethylbenzene	-0.45	ND	366.40
42)	p,&m-Xylene		ND	366.40
43)	o-Xylene		ND	366.40
44)	Styrene		ND	366.40
45)	Bromoform		ND	366.40

FEB 26'99 7:47 FR 714 258 0921 TO OHM-IRVINE P.11

Sample Name:	CQTPJ102 OHM	**Data Analyzed:**	02/17/19 -1:6:
Misc. Info:	6ml 18708-844 B160195-5 24.6/	**Method:**	MSB0217
Data Name:	B1162.D	**Shift Call.File:**	CC02171.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	183.2

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	366.40
48) Benzyl Chloride		ND	1832.00
49) 4-Ethyl Toluene		ND	366.40
50) 1,3,5-Trimethylbenzene		ND	366.40
51) 1,2,4-Trimethylbenzene		ND	366.40
52) 1,3-Dichlorobenzene		ND	366.40
53) 1,4-Dichlorobenzene		ND	366.40
54) 1,2-Dichlorobenzene		ND	366.40
55) 1,2,4-Trichlorobenzene		ND	3664.00
56) Hexachlorobutadiene		ND	732.80
MTBE		ND	1832

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	266145	277120	OK	7.07	7.09	OK
1,4-Difluorobenzene	974674	1010947	OK	8.69	8.75	OK
Chlorobenzene-d5	523435	468346	OK	13.99	14.07	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.41	92.8
Toluene-d8	50	45.60	91.2
4-Bromofluorobenzene	50	42.26	84.5

Comments:

Foot Notes:

1st Review: PNS 2/19/99 2nd Review:

FEB 26'99 7:47 FR 714 258 0921 TO OHM-IRVINE P.12

Quanterra Air Toxics Lab

Sample Name:	CQTPK-10~~2~~-OHM	**Data Analyzed:**	16 Feb 1999 19:09
Misc. Info:	40 ML 18708-845 B160195-6 TEDLAR	**Method:**	MSA0218
Data Name:	A2124.D	**Shift Call.File:**	CC02161.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	12.5

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	0.02	ND	25.00
3)	Chloromethane		ND	50.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	25.00
5)	Vinyl Chloride		ND	25.00
6)	Bromomethane		ND	25.00
7)	Chloroethane		ND	50.00
8)	Trichlorofluoromethane (11)		ND	25.00
9)	1,1-Dichloroethene	-0.01	45.16	25.00
10)	Carbon Disulfide		ND	125.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	707.67	25.00
12)	Acetone	-0.10	ND	125.00
13)	Methylene Chloride		ND	25.00
14)	t-1,2-Dichloroethene		ND	25.00
15)	1,1-Dichloroethane		ND	25.00
16)	Vinyl Acetate	0.06	ND	125.00
17)	c-1,2-Dichloroethene	-0.02	29.32	25.00
18)	2-Butanone		ND	125.00
19)	Chloroform	-0.04	ND	25.00
20)	1,1,1-Trichloroethane		ND	25.00
21)	Carbon Tetrachloride	-0.00	ND	25.00
23)	Benzene		ND	25.00
25)	1,2-Dichloroethane		ND	25.00
26)	Trichloroethene	0.02	3078.13	25.00
27)	1,2-Dichloropropane		ND	25.00
28)	Bromodichloromethane		ND	25.00
29)	c-1,3-Dichloropropene		ND	25.00
30)	4-Methyl-2-Pentanone	-0.01	ND	125.00
32)	Toluene	0.00	ND	~~25.00~~ 62.5
34)	t-1,3-Dichloropropene		ND	25.00
35)	1,1,2-Trichloroethane		ND	25.00
36)	Tetrachloroethene	0.00	51.60	25.00
37)	2-Hexanone		ND	375.00
38)	Dibromochloromethane		ND	25.00
39)	1,2-Dibromoethane		ND	25.00
40)	Chlorobenzene		ND	25.00
41)	Ethylbenzene	-0.34	ND	25.00
42)	p,&m-Xylene		ND	25.00
43)	o-Xylene		ND	25.00
44)	Styrene		ND	25.00
45)	Bromoform		ND	25.00

Sample Name:	CQTPK-101 OHM	**Data Analyzed:**	02/16/19 -1:9:
Misc. Info:	40 ML 18708-845 B160195-6 TEDLA	**Method:**	MSA0216
Data Name:	A2124.D	**Shift Cali.File:**	CC02161.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	12.5

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	25.00
48)	Benzyl Chloride	-0.11	ND	125.00
49)	4-Ethyl Toluene	0.41	ND	25.00
50)	1,3,5-Trimethylbenzene	0.22	ND	25.00
51)	1,2,4-Trimethylbenzene	-0.03	ND	25.00
52)	1,3-Dichlorobenzene		ND	25.00
53)	1,4-Dichlorobenzene		ND	25.00
54)	1,2-Dichlorobenzene		ND	25.00
55)	1,2,4-Trichlorobenzene		ND	250.00
56)	Hexachlorobutadiene		ND	50.00
	MTBE		ND	125

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150216	151378	OK	7.53	7.56	OK
1,4-Difluorobenzene	807465	879420	OK	9.24	9.26	OK
Chlorobenzene-d5	402152	423986	OK	14.70	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.81	93.6
Toluene-d8	50	48.67	97.3
4-Bromofluorobenzene	50	45.90	91.8

Comments:

Foot Notes:

1st Review: PMK 2/17/99

2nd Review:

FEB 26'99 7:48 FR 714 258 0921 TO OHM-IRVINE P.16

Quanterra Air Toxics Lab

Sample Name:	CQTPL102 OHM	**Data Analyzed:**	17 Feb 1999 16:53
Misc. Info:	6ml 18708-846 B160195-7 24.6/11.1	**Method:**	MSB0217
Data Name:	B1163.D	**Shift Call.File:**	CC02171.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	183.2

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	366.40
3)	Chloromethane		ND	732.80
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	366.40
5)	Vinyl Chloride		ND	366.40
6)	Bromomethane		ND	366.40
7)	Chloroethane		ND	732.80
8)	Trichlorofluoromethane (11)		ND	366.40
9)	1,1-Dichloroethene	0.02	391.92	366.40
10)	Carbon Disulfide		ND	1832.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	5719.57	366.40
12)	Acetone	-0.04	ND	1832.00
13)	Methylene Chloride		ND	366.40
14)	t-1,2-Dichloroethene		ND	366.40
15)	1,1-Dichloroethane	0.07	ND	366.40
16)	Vinyl Acetate	-0.25	ND	1832.00
17)	c-1,2-Dichloroethene	0.03	ND	366.40
18)	2-Butanone		ND	1832.00
19)	Chloroform	0.02	ND	366.40
20)	1,1,1-Trichloroethane		ND	366.40
21)	Carbon Tetrachloride	0.02	ND	366.40
23)	Benzene		ND	366.40
25)	1,2-Dichloroethane		ND	366.40
26)	Trichloroethene	-0.01	27264.98	366.40
27)	1,2-Dichloropropane	-0.30	~~396.86~~ ND RT	366.40
28)	Bromodichloromethane		ND	366.40
29)	c-1,3-Dichloropropene		ND	366.40
30)	4-Methyl-2-Pentanone	-0.01	ND	1832.00
32)	Toluene		ND	366.40
34)	t-1,3-Dichloropropene		ND	366.40
35)	1,1,2-Trichloroethane		ND	366.40
36)	Tetrachloroethene	-0.01	613.94	366.40
37)	2-Hexanone		ND	5496.00
38)	Dibromochloromethane		ND	366.40
39)	1,2-Dibromoethane		ND	366.40
40)	Chlorobenzene		ND	366.40
41)	Ethylbenzene	-0.40	ND	366.40
42)	p,&m-Xylene		ND	366.40
43)	o-Xylene		ND	366.40
44)	Styrene		ND	366.40
45)	Bromoform		ND	366.40

FEB 26'99 7:49 FR 714 258 0921 TO OHM-IRVINE P.20

Sample Name:	CQTPL102 OHM	**Data Analyzed:**	02/17/19 -1:6:
Misc. Info:	6ml 18708-846 B160195-7 24.6/	**Method:**	MSB0217
Data Name:	B1163.D	**Shift Cali.File:**	CC02171.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	183.2

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.47	ND	366.40
48)	Benzyl Chloride		ND	1832.00
49)	4-Ethyl Toluene		ND	366.40
50)	1,3,5-Trimethylbenzene	0.35	ND	366.40
51)	1,2,4-Trimethylbenzene		ND	366.40
52)	1,3-Dichlorobenzene		ND	366.40
53)	1,4-Dichlorobenzene		ND	366.40
54)	1,2-Dichlorobenzene		ND	366.40
55)	1,2,4-Trichlorobenzene		ND	3664.00
56)	Hexachlorobutadiene		ND	732.80
	MTBE		ND	1832

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	265145	281790	OK	7.07	7.08	OK
1,4-Difluorobenzene	974674	1009602	OK	8.69	8.70	OK
Chlorobenzene-d5	523435	507035	OK	13.99	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	45.59	91.2
Toluene-d8	50	47.10	94.2
4-Bromofluorobenzene	50	45.84	91.7

Comments:

Foot Notes:

1st Review: PK 2/19/99 2nd Review:

Quanterra Air Toxics Lab

Sample Name:	CQTPC-101 OHM	**Data Analyzed:**	16 Feb 1999 19:35
Misc. Info:	500ml 18708-840 B160195-1 TEDL	**Method:**	MSB0216
Data Name:	B1155.D	**Shift Cali.File:**	CC02161.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.03	ND	0.0099
3)	Chloromethan	-0.03	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan	-0.01	ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0112
9)	1,1-Dichloroethene		ND	0.0079
10)	Carbon Disulfide	0.01	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	ND	0.0153
12)	Acetone	0.00	ND	0.0237
13)	Methylene Chloride	0.01	0.0099	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	-0.00	ND	0.0081
16)	Vinyl Acetate	0.10	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.03	ND	0.0294
19)	Chloroform	0.39	ND	0.0097
20)	1,1,1-Trichloroethane	0.02	ND	0.0109
21)	Carbon Tetrachloride	0.06	ND	0.0126
23)	Benzene	-0.00	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene	0.00	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene		ND	0.0091
30)	4-Methyl-2-Pentanone	-0.09	ND	0.0409
32)	Toluene	-0.08	ND	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene	-0.24	ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	-0.03	ND	0.0135
37)	2-Hexanone	-0.12	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.04	ND	0.0087
42)	p,&m-Xylene	0.01	ND	0.0087
43)	o-Xylene	0.05	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 26'99 7:45 FR 714 258 0921 TO OHM-IRVINE P.05

Sample Name:	CQTPC-101 OHM	**Data Analyzed:**	02/16/19 -1:9:
Misc. Info:	500ml 18708-840 B160195-1 T	**Method:**	MSB0216
Data Name:	B1155.D	**Shift Cali.File:**	CC02161.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride		ND	0.0518
49)	4-Ethyl Toluene	0.03	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.04	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.10	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.35	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.016

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	274430	316297	OK	7.06	7.04	OK
1,4-Difluorobenzene	1097477	1092067	OK	8.69	8.68	OK
Chlorobenzene-d5	562450	583035	OK	14.01	13.91	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.13	106.3
Toluene-d8	50	45.29	90.6
4-Bromofluorobenzene	50	49.37	98.7

Comments:

Foot Notes:

1st Review: PN 2/17/99 2nd Review

FEB 26'99 7:46 FR 714 258 0921 TO OHM-IRVINE P.06

Quanterra Air Toxics Lab

Sample Name:	CQTPH-101 OHM	**Data Analyzed:**	16 Feb 1999 19:36
Misc. Info:	5 ml 18708-843 B160195-4 TEDLAR	**Method:**	MSA0216
Data Name:	A2125.D	**Shift Cali.File:**	CC02161.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)		ND	0.9870
3)	Chloromethane		ND	0.8244
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	1.3952
5)	Vinyl Chloride		ND	0.5102
6)	Bromomethane		ND	0.7750
7)	Chloroethane		ND	1.0532
8)	Trichlorofluoromethane (11)		ND	1.1214
9)	1,1-Dichloroethene	-0.01	0.8334 F	0.7914
10)	Carbon Disulfide		ND	3.1080
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	28.4009	1.5296
12)	Acetone	-0.11	ND	2.3710
13)	Methylene Chloride		ND	0.6934
14)	t-1,2-Dichloroethene		ND	0.7914
15)	1,1-Dichloroethane		ND	0.8078
16)	Vinyl Acetate		ND	3.5140
17)	c-1,2-Dichloroethene	0.02	ND	0.7914
18)	2-Butanone		ND	2.9430
19)	Chloroform	-0.01	ND	0.9746
20)	1,1,1-Trichloroethane		ND	1.0890
21)	Carbon Tetrachloride	0.01	ND	1.2556
23)	Benzene		ND	0.6376
25)	1,2-Dichloroethane		ND	0.8078
26)	Trichloroethene	0.03	101.1815	1.0726
27)	1,2-Dichloropropane		ND	0.9224
28)	Bromodichloromethane		ND	1.3374
29)	c-1,3-Dichloropropene		ND	0.9058
30)	4-Methyl-2-Pentanone	-0.03	ND	4.0880
32)	Toluene		ND	~~0.7522~~ 1.9
34)	t-1,3-Dichloropropene		ND	0.9058
35)	1,1,2-Trichloroethane		ND	1.0890
36)	Tetrachloroethene	0.02	2.1867	1.3538
37)	2-Hexanone		ND	12.2640
38)	Dibromochloromethane		ND	1.7004
39)	1,2-Dibromoethane		ND	1.5336
40)	Chlorobenzene		ND	0.9188
41)	Ethylbenzene	-0.39	ND	0.8666
42)	p,&m-Xylene		ND	0.8666
43)	o-Xylene		ND	0.8666
44)	Styrene		ND	0.8502
45)	Bromoform		ND	2.0632

Sample Name:	CQTPH-101 OHM	**Data Analyzed:**	02/16/19 -1:9:
Misc. Info:	5 ml 18708-843 B160195-4 TEDLA	**Method:**	MSA0216
Data Name:	A2125.D	**Shift Cali.File:**	CC02161.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	100

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.3702
48)	Benzyl Chloride		ND	5.1760
49)	4-Ethyl Toluene		ND	0.9812
50)	1,3,5-Trimethylbenzene		ND	0.9812
51)	1,2,4-Trimethylbenzene		ND	0.9812
52)	1,3-Dichlorobenzene		ND	1.2000
53)	1,4-Dichlorobenzene		ND	1.2000
54)	1,2-Dichlorobenzene		ND	1.2000
55)	1,2,4-Trichlorobenzene		ND	14.8120
56)	Hexachlorobutadiene		ND	4.2572

MTBE N/A 3.6

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150216	141117	OK	7.53	7.56	OK
1,4-Difluorobenzene	807465	817176	OK	9.24	9.26	OK
Chlorobenzene-d5	402152	399890	OK	14.70	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.62	93.2
Toluene-d8	50	50.18	100.4
4-Bromofluorobenzene	50	46.17	92.3

Comments:

Foot Notes: F

1st Review: PEK 2/17/99 2nd Review

FEB 26'99 7:47 FR 714 258 0921 TO OHM-IRVINE P.10

Quanterra Air Toxics Lab

Sample Name:	CQTPJ102 OHM	**Data Analyzed:**	17 Feb 1999 16:24
Misc. Info:	6ml 18708-844 B160195-5 24.6/11.	**Method:**	MSB0217
Data Name:	B1162.D	**Shift Call.File:**	CC02171.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	183.2

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	1.8082
3)	Chloromethan		ND	1.5103
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.5560
5)	Vinyl Chloride	-0.19	ND	0.9347
6)	Bromomethan		ND	1.4198
7)	Chloroethane		ND	1.9295
8)	Trichlorofluoromethane (11)		ND	2.0544
9)	1,1-Dichloroethene	-0.01	1.5373	1.4498
10)	Carbon Disulfide	-0.02	ND	5.6939
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.00	44.4363	2.8022
12)	Acetone	-0.06	ND	4.3437
13)	Methylene Chloride	-0.00	ND	1.2703
14)	t-1,2-Dichloroethene		ND	1.4498
15)	1,1-Dichloroethane	-0.04	ND	1.4799
16)	Vinyl Acetate		ND	6.4376
17)	c-1,2-Dichloroethene	0.00	ND	1.4498
18)	2-Butanone		ND	5.3916
19)	Chloroform	0.01	ND	1.7855
20)	1,1,1-Trichloroethane		ND	1.9950
21)	Carbon Tetrachloride	0.02	ND	2.3003
23)	Benzene	0.08	ND	1.1681
25)	1,2-Dichloroethane		ND	1.4799
26)	Trichloroethene	-0.00	146.6074	1.9650
27)	1,2-Dichloropropane		ND	1.6898
28)	Bromodichloromethane		ND	2.4501
29)	c-1,3-Dichloropropene		ND	1.6594
30)	4-Methyl-2-Pentanone	-0.04	ND	7.4892
32)	Toluene		ND	1.3780
34)	t-1,3-Dichloropropene		ND	1.6594
35)	1,1,2-Trichloroethane		ND	1.9950
36)	Tetrachloroethene	0.02	4.5892	2.4802
37)	2-Hexanone		ND	22.4676
38)	Dibromochloromethane		ND	3.1151
39)	1,2-Dibromoethane		ND	2.8096
40)	Chlorobenzene		ND	1.6832
41)	Ethylbenzene	-0.45	ND	1.5876
42)	p,&m-Xylene		ND	1.5876
43)	o-Xylene		ND	1.5876
44)	Styrene		ND	1.5576
45)	Bromoform		ND	3.7798

FEB 26'99 7:48 FR 714 258 0921 TO OHM-IRVINE P.13

Sample Name:	CQTPJ102 OHM	**Data Analyzed:**	02/17/19 -1:6:
Misc. Info:	6ml 18708-844 B160195-5 24.	**Method:**	MSB0217
Data Name:	B1162.D	**Shift Cali.File:**	CC02171.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	183.2

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	2.5102
48)	Benzyl Chloride		ND	9.4824
49)	4-Ethyl Toluene		ND	1.7976
50)	1,3,5-Trimethylbenzene		ND	1.7976
51)	1,2,4-Trimethylbenzene		ND	1.7976
52)	1,3-Dichlorobenzene		ND	2.1984
53)	1,4-Dichlorobenzene		ND	2.1984
54)	1,2-Dichlorobenzene		ND	2.1984
55)	1,2,4-Trichlorobenzene		ND	27.1356
56)	Hexachlorobutadiene		ND	7.7992
	MTBE		ND	6.595

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	265145	277120	OK	7.07	7.09	OK
1,4-Difluorobenzene	974674	1010947	OK	8.69	8.75	OK
Chlorobenzene-d5	523435	468346	OK	13.99	14.07	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.41	92.8
Toluene-d8	50	45.60	91.2
4-Bromofluorobenzene	50	42.26	84.5

Comments:

Foot Notes:

1st Review: PN 2/19/99 2nd Review

FEB 26'99 7:48 FR 714 258 0921 TO OHM-IRVINE P.14

Quanterra Air Toxics Lab

Sample Name:	CQTPK-101 OHM	**Data Analyzed:**	16 Feb 1999 19:09
Misc. Info:	40 ML 18708-845 B160195-6 TEDLAR	**Method:**	MSA0216
Data Name:	a2124.d	**Shift Call.File:**	CC02161.D
Data Path:	d:\gcmsa~1\990215\	**Dilution Factor:**	12.5

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	0.02	ND	0.1234
3)	Chloromethane		ND	0.1031
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.1744
5)	Vinyl Chloride		ND	0.0638
6)	Bromomethane		ND	0.0969
7)	Chloroethane		ND	0.1317
8)	Trichlorofluoromethane (11)		ND	0.1402
9)	1,1-Dichloroethene	-0.01	0.1787	0.0989
10)	Carbon Disulfide		ND	0.3885
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	5.4123	0.1912
12)	Acetone	-0.10	ND	0.2964
13)	Methylene Chloride		ND	0.0867
14)	t-1,2-Dichloroethene		ND	0.0989
15)	1,1-Dichloroethane		ND	0.1010
16)	Vinyl Acetate	0.06	ND	0.4393
17)	c-1,2-Dichloroethene	-0.02	0.1160	0.0989
18)	2-Butanone		ND	0.3679
19)	Chloroform	-0.04	ND	0.1218
20)	1,1,1-Trichloroethane		ND	0.1361
21)	Carbon Tetrachloride	-0.00	ND	0.1570
23)	Benzene		ND	0.0797
25)	1,2-Dichloroethane		ND	0.1010
26)	Trichloroethene	0.02	16.5080	0.1341
27)	1,2-Dichloropropane		ND	0.1153
28)	Bromodichloromethane		ND	0.1672
29)	c-1,3-Dichloropropene		ND	0.1132
30)	4-Methyl-2-Pentanone	-0.01	ND	0.5110
32)	Toluene	0.00	ND	~~0.0940~~ 0.235
34)	t-1,3-Dichloropropene		ND	0.1132
35)	1,1,2-Trichloroethane		ND	0.1361
36)	Tetrachloroethene	0.00	0.3493	0.1692
37)	2-Hexanone		ND	1.5330
38)	Dibromochloromethane		ND	0.2126
39)	1,2-Dibromoethane		ND	0.1917
40)	Chlorobenzene		ND	0.1149
41)	Ethylbenzene	-0.34	ND	0.1083
42)	p,&m-Xylene		ND	0.1083
43)	o-Xylene		ND	0.1083
44)	Styrene		ND	0.1063
45)	Bromoform		ND	0.2579

Sample Name:	CQTPK-101 OHM	**Data Analyzed:**	02/16/19 -1:9:
Misc. Info:	40 ML 18708-845 B160195-6 TEDL	**Method:**	MSA0216
Data Name:	a2124.d	**Shift Cali.File:**	CC02161.D
Data Path:	d:\gcmsa~1\990215\	**Dilution Factor:**	12.5

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.1713
48)	Benzyl Chloride	-0.11	ND	0.6470
49)	4-Ethyl Toluene	0.41	ND	0.1227
50)	1,3,5-Trimethylbenzene	0.22	ND	0.1227
51)	1,2,4-Trimethylbenzene	-0.03	ND	0.1227
52)	1,3-Dichlorobenzene		ND	0.1500
53)	1,4-Dichlorobenzene		ND	0.1500
54)	1,2-Dichlorobenzene		ND	0.1500
55)	1,2,4-Trichlorobenzene		ND	1.8515
56)	Hexachlorobutadiene		ND	0.5322
	MTBE		X10	0.45

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150216	151378	OK	7.53	7.56	OK
1,4-Difluorobenzene	807465	879420	OK	9.24	9.26	OK
Chlorobenzene-d5	402152	423986	OK	14.70	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.81	93.6
Toluene-d8	50	48.67	97.3
4-Bromofluorobenzene	50	45.90	91.8

Comments:

Foot Notes:

1st Review: PK 2/17/99 2nd Review

Quanterra Air Toxics Lab

Sample Name:	CQTPL102 OHM	**Data Analyzed:**	17 Feb 1999 16:53
Misc. Info:	6ml 16708-846 B160195-7 24.6/11.	**Method:**	MSB0217
Data Name:	B1163.D	**Shift Call.File:**	CC02171.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	183.2

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	1.8082
3)	Chloromethan		ND	1.5103
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.5560
5)	Vinyl Chloride		ND	0.9347
6)	Bromomethan		ND	1.4198
7)	Chloroethane		ND	1.9295
8)	Trichlorofluoromethane (11)		ND	2.0544
9)	1,1-Dichloroethene	0.02	1.5508	1.4498
10)	Carbon Disulfide		ND	5.6939
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	43.7433	2.8022
12)	Acetone	-0.04	ND	4.3437
13)	Methylene Chloride		ND	1.2703
14)	t-1,2-Dichloroethene		ND	1.4498
15)	1,1-Dichloroethane	0.07	ND	1.4799
16)	Vinyl Acetate	-0.25	ND	6.4376
17)	c-1,2-Dichloroethene	0.03	ND	1.4498
18)	2-Butanone		ND	5.3916
19)	Chloroform	0.02	ND	1.7855
20)	1,1,1-Trichloroethane		ND	1.9950
21)	Carbon Tetrachloride	0.02	ND	2.3003
23)	Benzene		ND	1.1681
25)	1,2-Dichloroethane		ND	1.4799
26)	Trichloroethene	-0.01	146.2221	1.9650
27)	1,2-Dichloropropane	-0.30	~~1.8303~~ NO RT	1.6898
28)	Bromodichloromethane		ND	2.4501
29)	c-1,3-Dichloropropene		ND	1.6594
30)	4-Methyl-2-Pentanone	-0.01	ND	7.4892
32)	Toluene		ND	1.3780
34)	t-1,3-Dichloropropene		ND	1.6594
35)	1,1,2-Trichloroethane		ND	1.9950
36)	Tetrachloroethene	-0.01	4.1558	2.4802
37)	2-Hexanone		ND	22.4676
38)	Dibromochloromethane		ND	3.1151
39)	1,2-Dibromoethane		ND	2.8096
40)	Chlorobenzene		ND	1.6832
41)	Ethylbenzene	-0.40	ND	1.5876
42)	p,&m-Xylene		ND	1.5876
43)	o-Xylene		ND	1.5876
44)	Styrene		ND	1.5576
45)	Bromoform		ND	3.7798

FEB 26'99 7:50 FR 714 258 0921 TO OHM-IRVINE P.22

D:\GCMSB\990215\B1163.D

Sample Name:	CQTPL102 OHM	**Data Analyzed:**	02/17/19 -1:6:
Misc. Info:	6ml 18708-846 B160195-7 24.	**Method:**	MSB0217
Data Name:	B1163.D	**Shift Call.File:**	CC02171.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	183.2

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.47	ND	2.5102
48)	Benzyl Chloride		ND	9.4824
49)	4-Ethyl Toluene		ND	1.7976
50)	1,3,5-Trimethylbenzene	0.35	ND	1.7976
51)	1,2,4-Trimethylbenzene		ND	1.7976
52)	1,3-Dichlorobenzene		ND	2.1984
53)	1,4-Dichlorobenzene		ND	2.1984
54)	1,2-Dichlorobenzene		ND	2.1984
55)	1,2,4-Trichlorobenzene		ND	27.1356
56)	Hexachlorobutadiene		ND	7.7992
	MTBE		ND	6.595

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	265145	281790	OK	7.07	7.06	OK
1,4-Difluorobenzene	974674	1009602	OK	8.69	8.70	OK
Chlorobenzene-d5	523435	507035	OK	13.99	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	45.59	91.2
Toluene-d8	50	47.10	94.2
4-Bromofluorobenzene	50	45.84	91.7

Comments:

Foot Notes:

1st Review: PN 2/19/99 2nd Review

24PZ 14	Sample Number	18708-906	18708-907	18708-915	18708-916
	Date Sampled	3/1/99	3/1/99	3/3/99	3/3/99
	Sample Location	Ambient	PVC QC for PZ 14-S	Ambient	PZ 14-S
Analytes	Unit				
1,1-Dichloroethene	ppb (ug/L)	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND	ND	ND	ND
Acetone	ppb (ug/L)	12 (0.028)	18.8 (0.045)	ND	1400 (3.2)
Methylene Chloride	ppb (ug/L)	ND	ND	ND	ND
cis-1,2-Dichloroethene	ppb (ug/L)	ND	ND	ND	ND
Chloroform	ppb (ug/L)	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	ND	ND	ND	98 (0.52)
Toluene	ppb (ug/L)	ND	ND	ND	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	ND	ND	ND	12 (0.078)
Ethylbenzene	ppb (ug/L)	ND	ND	ND	ND
Xylenes	ppb (ug/L)	ND	2.72 (0.012)	ND	ND
4-Ethyl Toluene	ppb (ug/L)	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

217182

CENTRAL SVC START UP / PZ14-$

FORM 8019 REV. 2-97

OHM • LAB COORDINATOR: TAIZAL TINTUT WILLIAMS	LAB COORDINATOR'S PHONE: 949-660-5300	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICES ID: M9003029	LABORATORY CONTACT: MARIA JONES	MAIL REPORT (COMPANY NAME): OHM REMEDIATION
PROJECT NAME: CENTRAL SVC	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 203-18708	LABORATORY PHONE: 714-258-8610	LABORATORY FAX:	RECEIVER NAME: DAMIANA ISMIDA
PROJECT CONTACT: —	PROJECT PHONE NUMBER: —	PROJECT FAX: —	LABORATORY ADDRESS: QUANTERRA	ADDRESS: 3347 MICHELSON DR #200	
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: SANTA ANA CA.	CLIENT: JOHN HORNECKER SWDIV	CITY, STATE AND ZIPCODE: SANTA ANA CA	CITY, STATE AND ZIPCODE: IRVINE CA	
PROJECT MANAGER: BILL SKOLAK	PROJECT MANAGER'S PHONE: 949-660-5300	PROJECT MANAGER'S FAX: 949-475-5433			

Item	Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14								Comments
1	18708-911	VAPOR	3-3	1410	—	2	III	5DA	X								
2	18708-912	VAPOR	3-3	1420	—	2	III	5DA	X								
3	18708-913	VAPOR	3-3	1430	—	2	III	5DA	X								
4	18708-914	VAPOR	3-3	1445	—	2	III	5DA	X								
5	18708-915	VAPOR	3-3	1500	—	1	III	5DA	X								
6	18708-916	VAPOR	3-3	1505	—	2	III	5DA	X								
7																	
8																	
9																	
10																	

SAMPLES COLLECTED BY	COURIER AND AIR BILL NUMBER			COOLER TEMPERATURE UPON RECEIPT
CPALASI				
RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Doug Wolff	[signature]	3-5-99	1330	

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type G	C	F	QC
1. AMBIENT	X			X
CLOSED SYS.				
2. INFLUENT	X			
3. INTERMEDIATE	X			
4. EFFLUENT	X			
5. AMBIENT SVC 14	X			
6. PZ14-$	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

IT Group

Client Sample ID: 18708-911

GC/MS Volatiles

Lot-Sample #...: M9C030229-001 **Work Order #...:** CRA8A102 **Matrix.....:** AIR
Date Sampled...: 03/03/99 14:10 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064230 **Analysis Time..:** 11:09
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Chlorobenzene	ND	2.0	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

(Continued on next page)

IT Group

Client Sample ID: 18708-911

GC/MS Volatiles

Lot-Sample #...: M9C030229-001 **Work Order #...:** CRA8A102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT Group

Client Sample ID: 18708-912

GC/MS Volatiles

Lot-Sample #...: M9C030229-002 **Work Order #...:** CRA8D102 **Matrix.....:** AIR
Date Sampled...: 03/03/99 14:10 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064230 **Analysis Time..:** 11:38
Dilution Factor: 20
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	40	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	40	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**3700**	**40**	**ppb(v/v)**
1,1,2-Trichloroethane	ND	40	ppb(v/v)
1,1-Dichloroethane	ND	40	ppb(v/v)
1,1-Dichloroethene	**77 F**	**40**	**ppb(v/v)**
1,2,4-Trichlorobenzene	ND	400	ppb(v/v)
1,2,4-Trimethylbenzene	ND	40	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	40	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	40	ppb(v/v)
1,2-Dichlorobenzene	ND	40	ppb(v/v)
1,2-Dichloroethane	ND	40	ppb(v/v)
1,2-Dichloropropane	ND	40	ppb(v/v)
1,3,5-Trimethylbenzene	ND	40	ppb(v/v)
1,3-Dichlorobenzene	ND	40	ppb(v/v)
1,4-Dichlorobenzene	ND	40	ppb(v/v)
2-Butanone (MEK)	ND	200	ppb(v/v)
2-Hexanone	ND	600	ppb(v/v)
4-Ethyltoluene	ND	40	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	200	ppb(v/v)
Acetone	ND	200	ppb(v/v)
Benzene	ND	40	ppb(v/v)
Benzyl chloride	ND	200	ppb(v/v)
Bromodichloromethane	ND	40	ppb(v/v)
Bromoform	ND	40	ppb(v/v)
Bromomethane	ND	40	ppb(v/v)
Carbon disulfide	ND	200	ppb(v/v)
Carbon tetrachloride	ND	40	ppb(v/v)
Chlorobenzene	ND	40	ppb(v/v)
Dibromochloromethane	ND	40	ppb(v/v)
Chloroethane	ND	80	ppb(v/v)
Chloroform	ND	40	ppb(v/v)
Chloromethane	ND	80	ppb(v/v)
cis-1,2-Dichloroethene	ND	40	ppb(v/v)

(Continued on next page)

IT Group

Client Sample ID: 18708-912

GC/MS Volatiles

Lot-Sample #...: M9C030229-002 **Work Order #...:** CRA8D102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	40	ppb(v/v)
Dichlorodifluoromethane	ND	40	ppb(v/v)
Ethylbenzene	ND	40	ppb(v/v)
Hexachlorobutadiene	ND	80	ppb(v/v)
Methylene chloride	ND	40	ppb(v/v)
Styrene	ND	40	ppb(v/v)
Tetrachloroethene	ND	40	ppb(v/v)
Toluene	ND	100	ppb(v/v)
trans-1,2-Dichloroethene	ND	40	ppb(v/v)
trans-1,3-Dichloropropene	ND	40	ppb(v/v)
Trichloroethene	**3800**	**40**	**ppb(v/v)**
Trichlorofluoromethane	ND	40	ppb(v/v)
Vinyl acetate	ND	200	ppb(v/v)
Vinyl chloride	ND	40	ppb(v/v)
Xylenes (total)	ND	40	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	200	ppb(v/v)

NOTE(S):

F - Reported value estimated due to an interference.

IT Group

Client Sample ID: 18708-913

GC/MS Volatiles

Lot-Sample #...: M9C030229-003 **Work Order #...:** CRA8E102 **Matrix.....:** AIR
Date Sampled...: 03/03/99 14:10 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064230 **Analysis Time..:** 12:05
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**8.6**	**2.0**	**ppb(v/v)**
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Chlorobenzene	ND	2.0	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

(Continued on next page)

IT Group

Client Sample ID: 18708-913

GC/MS Volatiles

Lot-Sample #...: M9C030229-003 **Work Order #...:** CRA8E102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methylene chloride	**2.0**	**2.0**	**ppb(v/v)**
Styrene	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Trichloroethene	**15**	**2.0**	**ppb(v/v)**
Trichlorofluoromethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT Group

Client Sample ID: 18708-914

GC/MS Volatiles

Lot-Sample #...: M9C030229-004 **Work Order #...:** CRA8F102 **Matrix.....:** AIR
Date Sampled...: 03/03/99 14:45 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064230 **Analysis Time..:** 12:32
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.5**	**2.0**	**ppb(v/v)**
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Chlorobenzene	ND	2.0	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

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IT Group

Client Sample ID: 18708-914

GC/MS Volatiles

Lot-Sample #...: M9C030229-004 **Work Order #...:** CRA8F102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Trichloroethene	**6.7**	**2.0**	**ppb(v/v)**
Trichlorofluoromethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT Group

Client Sample ID: 18708-915

GC/MS Volatiles

Lot-Sample #...: M9C030229-005 **Work Order #...:** CRA8G102 **Matrix.....:** AIR
Date Sampled...: 03/03/99 15:00 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064230 **Analysis Time..:** 13:13
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Chlorobenzene	ND	2.0	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

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IT Group

Client Sample ID: 18708-915

GC/MS Volatiles

Lot-Sample #...: M9C030229-005 **Work Order #...:** CRA8G102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Xylenes (total)	ND	2.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT Group

Client Sample ID: 18708-916

GC/MS Volatiles

Lot-Sample #...: M9C030229-006 **Work Order #...:** CRA8H102 **Matrix.....:** AIR
Date Sampled...: 03/03/99 15:05 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064230 **Analysis Time..:** 14:48
Dilution Factor: 3.3
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	6.6	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6.6	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.6	ppb(v/v)
1,1,2-Trichloroethane	ND	6.6	ppb(v/v)
1,1-Dichloroethane	ND	6.6	ppb(v/v)
1,1-Dichloroethene	ND	6.6	ppb(v/v)
1,2,4-Trichlorobenzene	ND	66	ppb(v/v)
1,2,4-Trimethylbenzene	ND	6.6	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6.6	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6.6	ppb(v/v)
1,2-Dichlorobenzene	ND	6.6	ppb(v/v)
1,2-Dichloroethane	ND	6.6	ppb(v/v)
1,2-Dichloropropane	ND	6.6	ppb(v/v)
1,3,5-Trimethylbenzene	ND	6.6	ppb(v/v)
1,3-Dichlorobenzene	ND	6.6	ppb(v/v)
1,4-Dichlorobenzene	ND	6.6	ppb(v/v)
2-Butanone (MEK)	ND	33	ppb(v/v)
2-Hexanone	ND	99	ppb(v/v)
4-Ethyltoluene	ND	6.6	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	33	ppb(v/v)
Acetone	**1400**	**33**	**ppb(v/v)**
Benzene	ND	6.6	ppb(v/v)
Benzyl chloride	ND	33	ppb(v/v)
Bromodichloromethane	ND	6.6	ppb(v/v)
Bromoform	ND	6.6	ppb(v/v)
Bromomethane	ND	6.6	ppb(v/v)
Carbon disulfide	ND	33	ppb(v/v)
Carbon tetrachloride	ND	6.6	ppb(v/v)
Chlorobenzene	ND	6.6	ppb(v/v)
Dibromochloromethane	ND	6.6	ppb(v/v)
Chloroethane	ND	13	ppb(v/v)
Chloroform	ND	6.6	ppb(v/v)
Chloromethane	ND	13	ppb(v/v)
cis-1,2-Dichloroethene	ND	6.6	ppb(v/v)

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IT Group

Client Sample ID: 18708-916

GC/MS Volatiles

Lot-Sample #...: M9C030229-006 **Work Order #...:** CRA8H102 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	6.6	ppb(v/v)
Dichlorodifluoromethane	ND	6.6	ppb(v/v)
Ethylbenzene	ND	6.6	ppb(v/v)
Hexachlorobutadiene	ND	13	ppb(v/v)
Methylene chloride	ND	6.6	ppb(v/v)
Styrene	ND	6.6	ppb(v/v)
Tetrachloroethene	**12**	**6.6**	**ppb(v/v)**
Toluene	ND	16	ppb(v/v)
trans-1,2-Dichloroethene	ND	6.6	ppb(v/v)
trans-1,3-Dichloropropene	ND	6.6	ppb(v/v)
Trichloroethene	**98**	**6.6**	**ppb(v/v)**
Trichlorofluoromethane	ND	6.6	ppb(v/v)
Vinyl acetate	ND	33	ppb(v/v)
Vinyl chloride	ND	6.6	ppb(v/v)
Xylenes (total)	ND	6.6	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	33	ppb(v/v)

IT Group

Client Sample ID: 18708-911

GC/MS Volatiles

Lot-Sample #...: M9C030229-001 **Work Order #...:** CRA8A101 **Matrix.....:** AIR
Date Sampled...: 03/03/99 14:10 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064232 **Analysis Time..:** 11:09
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.011	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
2-Hexanone	ND	0.12	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Acetone	ND	0.024	ug/L
Benzene	ND	0.0064	ug/L
Benzyl chloride	ND	0.052	ug/L
Bromodichloromethane	ND	0.013	ug/L
Bromoform	ND	0.021	ug/L
Bromomethane	ND	0.0078	ug/L
Carbon disulfide	ND	0.031	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Chlorobenzene	ND	0.0092	ug/L
Dibromochloromethane	ND	0.017	ug/L
Chloroethane	ND	0.011	ug/L
Chloroform	ND	0.0097	ug/L
Chloromethane	ND	0.0082	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

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IT Group

Client Sample ID: 18708-911

GC/MS Volatiles

Lot-Sample #...: M9C030229-001 **Work Order #...:** CRA8A101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.0091	ug/L
Dichlorodifluoromethane	ND	0.0099	ug/L
Ethylbenzene	ND	0.0087	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methylene chloride	ND	0.0069	ug/L
Styrene	ND	0.0085	ug/L
Tetrachloroethene	ND	0.014	ug/L
Toluene	ND	0.019	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
Trichloroethene	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
Vinyl acetate	ND	0.035	ug/L
Vinyl chloride	ND	0.0051	ug/L
Xylenes (total)	ND	0.0087	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT Group

Client Sample ID: 18708-912

GC/MS Volatiles

Lot-Sample #...: M9C030229-002 **Work Order #...:** CRA8D101 **Matrix.....:** AIR
Date Sampled...: 03/03/99 14:10 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064232 **Analysis Time..:** 11:38
Dilution Factor: 20
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.22	ug/L
1,1,2,2-Tetrachloroethane	ND	0.28	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**28**	**0.30**	**ug/L**
1,1,2-Trichloroethane	ND	0.22	ug/L
1,1-Dichloroethane	ND	0.16	ug/L
1,1-Dichloroethene	**0.30 F**	**0.16**	**ug/L**
1,2,4-Trichlorobenzene	ND	3.0	ug/L
1,2,4-Trimethylbenzene	ND	0.20	ug/L
1,2-Dibromoethane (EDB)	ND	0.30	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.28	ug/L
1,2-Dichlorobenzene	ND	0.24	ug/L
1,2-Dichloroethane	ND	0.16	ug/L
1,2-Dichloropropane	ND	0.18	ug/L
1,3,5-Trimethylbenzene	ND	0.20	ug/L
1,3-Dichlorobenzene	ND	0.24	ug/L
1,4-Dichlorobenzene	ND	0.24	ug/L
2-Butanone (MEK)	ND	0.58	ug/L
2-Hexanone	ND	2.4	ug/L
4-Ethyltoluene	ND	0.20	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.82	ug/L
Acetone	ND	0.48	ug/L
Benzene	ND	0.13	ug/L
Benzyl chloride	ND	1.0	ug/L
Bromodichloromethane	ND	0.26	ug/L
Bromoform	ND	0.42	ug/L
Bromomethane	ND	0.16	ug/L
Carbon disulfide	ND	0.62	ug/L
Carbon tetrachloride	ND	0.26	ug/L
Chlorobenzene	ND	0.18	ug/L
Dibromochloromethane	ND	0.34	ug/L
Chloroethane	ND	0.22	ug/L
Chloroform	ND	0.19	ug/L
Chloromethane	ND	0.16	ug/L
cis-1,2-Dichloroethene	ND	0.16	ug/L

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IT Group

Client Sample ID: 18708-912

GC/MS Volatiles

Lot-Sample #...: M9C030229-002 **Work Order #...:** CRA8D101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.18	ug/L
Dichlorodifluoromethane	ND	0.20	ug/L
Ethylbenzene	ND	0.17	ug/L
Hexachlorobutadiene	ND	0.86	ug/L
Methylene chloride	ND	0.14	ug/L
Styrene	ND	0.17	ug/L
Tetrachloroethene	ND	0.28	ug/L
Toluene	ND	0.38	ug/L
trans-1,2-Dichloroethene	ND	0.16	ug/L
trans-1,3-Dichloropropene	ND	0.18	ug/L
Trichloroethene	**20**	**0.22**	**ug/L**
Trichlorofluoromethane	ND	0.22	ug/L
Vinyl acetate	ND	0.70	ug/L
Vinyl chloride	ND	0.10	ug/L
Xylenes (total)	ND	0.17	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.72	ug/L

NOTE(S):

F - Reported value estimated due to an interference.

IT Group

Client Sample ID: 18708-913

GC/MS Volatiles

Lot-Sample #...: M9C030229-003 **Work Order #...:** CRA8E101 **Matrix.....:** AIR
Date Sampled...: 03/03/99 14:10 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064232 **Analysis Time..:** 12:05
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.011	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.065**	**0.015**	**ug/L**
1,1,2-Trichloroethane	ND	0.011	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
2-Hexanone	ND	0.12	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Acetone	ND	0.024	ug/L
Benzene	ND	0.0064	ug/L
Benzyl chloride	ND	0.052	ug/L
Bromodichloromethane	ND	0.013	ug/L
Bromoform	ND	0.021	ug/L
Bromomethane	ND	0.0078	ug/L
Carbon disulfide	ND	0.031	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Chlorobenzene	ND	0.0092	ug/L
Dibromochloromethane	ND	0.017	ug/L
Chloroethane	ND	0.011	ug/L
Chloroform	ND	0.0097	ug/L
Chloromethane	ND	0.0082	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

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IT Group

Client Sample ID: 18708-913

GC/MS Volatiles

Lot-Sample #...: M9C030229-003 **Work Order #...:** CRA8E101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.0091	ug/L
Dichlorodifluoromethane	ND	0.0099	ug/L
Ethylbenzene	ND	0.0087	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methylene chloride	**0.0071**	**0.0069**	**ug/L**
Styrene	ND	0.0085	ug/L
Tetrachloroethene	ND	0.014	ug/L
Toluene	ND	0.019	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
Trichloroethene	**0.080**	**0.011**	**ug/L**
Trichlorofluoromethane	ND	0.011	ug/L
Vinyl acetate	ND	0.035	ug/L
Vinyl chloride	ND	0.0051	ug/L
Xylenes (total)	ND	0.0087	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT Group

Client Sample ID: 18708-914

GC/MS Volatiles

Lot-Sample #...: M9C030229-004 **Work Order #...:** CRA8F101 **Matrix.....:** AIR
Date Sampled...: 03/03/99 14:45 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064232 **Analysis Time..:** 12:32
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.011	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.019**	**0.015**	**ug/L**
1,1,2-Trichloroethane	ND	0.011	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
2-Hexanone	ND	0.12	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Acetone	ND	0.024	ug/L
Benzene	ND	0.0064	ug/L
Benzyl chloride	ND	0.052	ug/L
Bromodichloromethane	ND	0.013	ug/L
Bromoform	ND	0.021	ug/L
Bromomethane	ND	0.0078	ug/L
Carbon disulfide	ND	0.031	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Chlorobenzene	ND	0.0092	ug/L
Dibromochloromethane	ND	0.017	ug/L
Chloroethane	ND	0.011	ug/L
Chloroform	ND	0.0097	ug/L
Chloromethane	ND	0.0082	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

(Continued on next page)

IT Group

Client Sample ID: 18708-914

GC/MS Volatiles

Lot-Sample #...: M9C030229-004 **Work Order #...:** CRA8F101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.0091	ug/L
Dichlorodifluoromethane	ND	0.0099	ug/L
Ethylbenzene	ND	0.0087	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methylene chloride	ND	0.0069	ug/L
Styrene	ND	0.0085	ug/L
Tetrachloroethene	ND	0.014	ug/L
Toluene	ND	0.019	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
Trichloroethene	**0.036**	**0.011**	**ug/L**
Trichlorofluoromethane	ND	0.011	ug/L
Vinyl acetate	ND	0.035	ug/L
Vinyl chloride	ND	0.0051	ug/L
Xylenes (total)	ND	0.0087	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT Group

Client Sample ID: 18708-915

GC/MS Volatiles

Lot-Sample #...: M9C030229-005 **Work Order #...:** CRA8G101 **Matrix.....:** AIR
Date Sampled...: 03/03/99 15:00 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064232 **Analysis Time..:** 13:13
Dilution Factor: 1
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.011	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
2-Hexanone	ND	0.12	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Acetone	ND	0.024	ug/L
Benzene	ND	0.0064	ug/L
Benzyl chloride	ND	0.052	ug/L
Bromodichloromethane	ND	0.013	ug/L
Bromoform	ND	0.021	ug/L
Bromomethane	ND	0.0078	ug/L
Carbon disulfide	ND	0.031	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Chlorobenzene	ND	0.0092	ug/L
Dibromochloromethane	ND	0.017	ug/L
Chloroethane	ND	0.011	ug/L
Chloroform	ND	0.0097	ug/L
Chloromethane	ND	0.0082	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

(Continued on next page)

IT Group

Client Sample ID: 18708-915

GC/MS Volatiles

Lot-Sample #...: M9C030229-005 **Work Order #...:** CRA8G101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.0091	ug/L
Dichlorodifluoromethane	ND	0.0099	ug/L
Ethylbenzene	ND	0.0087	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methylene chloride	ND	0.0069	ug/L
Styrene	ND	0.0085	ug/L
Tetrachloroethene	ND	0.014	ug/L
Toluene	ND	0.019	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
Trichloroethene	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
Vinyl acetate	ND	0.035	ug/L
Vinyl chloride	ND	0.0051	ug/L
Xylenes (total)	ND	0.0087	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT Group

Client Sample ID: 18708-916

GC/MS Volatiles

Lot-Sample #...: M9C030229-006 **Work Order #...:** CRA8H101 **Matrix.....:** AIR
Date Sampled...: 03/03/99 15:05 **Date Received..:** 03/03/99
Prep Date.....: 03/04/99 **Analysis Date..:** 03/04/99
Prep Batch #...: 9064232 **Analysis Time..:** 14:48
Dilution Factor: 3.3
Analyst ID.....: 341569 **Instrument ID..:** MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.036	ug/L
1,1,2,2-Tetrachloroethane	ND	0.046	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.050	ug/L
1,1,2-Trichloroethane	ND	0.036	ug/L
1,1-Dichloroethane	ND	0.027	ug/L
1,1-Dichloroethene	ND	0.026	ug/L
1,2,4-Trichlorobenzene	ND	0.50	ug/L
1,2,4-Trimethylbenzene	ND	0.032	ug/L
1,2-Dibromoethane (EDB)	ND	0.050	ug/L
2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.046	ug/L
1,2-Dichlorobenzene	ND	0.040	ug/L
1,2-Dichloroethane	ND	0.027	ug/L
1,2-Dichloropropane	ND	0.030	ug/L
1,3,5-Trimethylbenzene	ND	0.032	ug/L
1,3-Dichlorobenzene	ND	0.040	ug/L
1,4-Dichlorobenzene	ND	0.040	ug/L
2-Butanone (MEK)	ND	0.096	ug/L
2-Hexanone	ND	0.40	ug/L
4-Ethyltoluene	ND	0.032	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.14	ug/L
Acetone	**3.2**	**0.079**	**ug/L**
Benzene	ND	0.021	ug/L
Benzyl chloride	ND	0.17	ug/L
Bromodichloromethane	ND	0.043	ug/L
Bromoform	ND	0.069	ug/L
Bromomethane	ND	0.026	ug/L
Carbon disulfide	ND	0.10	ug/L
Carbon tetrachloride	ND	0.043	ug/L
Chlorobenzene	ND	0.030	ug/L
Dibromochloromethane	ND	0.056	ug/L
Chloroethane	ND	0.036	ug/L
Chloroform	ND	0.032	ug/L
Chloromethane	ND	0.027	ug/L
cis-1,2-Dichloroethene	ND	0.026	ug/L

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IT Group

Client Sample ID: 18708-916

GC/MS Volatiles

Lot-Sample #...: M9C030229-006 **Work Order #...:** CRA8H101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.030	ug/L
Dichlorodifluoromethane	ND	0.033	ug/L
Ethylbenzene	ND	0.029	ug/L
Hexachlorobutadiene	ND	0.14	ug/L
Methylene chloride	ND	0.023	ug/L
Styrene	ND	0.028	ug/L
Tetrachloroethene	**0.078**	**0.046**	**ug/L**
Toluene	ND	0.063	ug/L
trans-1,2-Dichloroethene	ND	0.026	ug/L
trans-1,3-Dichloropropene	ND	0.030	ug/L
Trichloroethene	**0.52**	**0.036**	**ug/L**
Trichlorofluoromethane	ND	0.036	ug/L
Vinyl acetate	ND	0.12	ug/L
Vinyl chloride	ND	0.017	ug/L
Xylenes (total)	ND	0.029	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.12	ug/L

24PZ 54 (N and S)	Sample Number	18708-877	18708-879	18708-897	18708-898	18708-906	18708-909	18708-910
	Date Sampled	2/22/99	2/22/99	2/26/99	2/26/99	3/1/99	3/1/99	3/1/99
	Sample Location	Ambient	PVC QC for PZ54-S	Ambient	PVC QC for PZ54-S	Ambient	PZ54-N	PZ54-S
Analytes	Unit							
1,1-Dichloroethene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	463 (1.83)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	4700 (35.9)
Acetone	ppb (ug/L)	11 (0.026)	65.5 (0.155)	ND	17.4 (0.041)	12 (0.028)	ND	ND
Methylene Chloride	ppb (ug/L)	2.07 (0.0072)	2.26 (0.0078)	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	403 (1.59)
Chloroform	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Benzene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ppb (ug/L)	ND	ND	ND	ND	ND	94 (0.503)	15456 (82.9)
Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	240 (0.903)	ND
1,1,2-Trichloroethane	ppb (ug/L)	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppb (ug/L)	ND	ND	ND	ND	ND	ND	398 (2.69)
Ethylbenzene	ppb (ug/L)	ND	ND	ND	ND	ND	114 (0.494)	ND
Xylenes	ppb (ug/L)	ND	ND	ND	ND	ND	1145 (4.96)	ND
4-Ethyl Toluene	ppb (ug/L)	ND	ND	ND	ND	ND	726 (3.56)	ND
1,3,5-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND	ND	642 (3.15)	ND
1,2,4-Trimethylbenzene	ppb (ug/L)	ND	ND	ND	ND	ND	938 (4.60)	ND

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222413
FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Thizar Tintut-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: MQ8220140	LABORATORY CONTACT: MARIA JONES	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: PVC-QC for piezometers	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8614	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Thizar Tintut-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr. #200
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Horrecker, SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
PROJECT MANAGER: BILL SEDLAK	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' bag first

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T	Analyses: TO-14	Analyses: Hold	Comments
1	18708-877	Vapor	2/22/99	0900	Ambient	2	III	24 hr	X		
2	18708-878	Vapor	2/22/99	0955	Ambient	3	III	24 hr		X	
3	18708-879	Vapor	2/22/99	1040	Ambient	3	III	24 hr	X		
4											
5											
6											
7											
8											
9											
10											

2/22/99

SAMPLES COLLECTED BY	COURIER AND AIR BILL NUMBER			COOLER TEMPERATURE UPON RECEIPT:
RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
		2/22/99	14:45	

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type: G	C	F	C
1. Ambient PZ QC	X		X	
2. PZ54-N PVC QC	X		X	
3. PZ54-S PVC QC	X		X	

Comments

Sample Type: G - Grab, C - Composite, F - Field Sampl
QC - Quality Control Sample

Quanterra Air Toxics Lab

Sample Name:	CR1M3102 OHM	**Data Analyzed:**	22 Feb 1999 16:31
Misc. Info:	500ml 18708-877 B220140-1 TE	**Method:**	MSB0222
Data Name:	b1192.d	**Shift Cali.File:**	CC02221.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.09	ND	0.0099
3)	Chloromethan	-0.09	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.05	ND	0.0112
9)	1,1-Dichloroethene		ND	0.0079
10)	Carbon Disulfide	-0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	ND	0.0153
12)	Acetone	0.02	0.0256	0.0237
13)	Methylene Chloride	-0.00	0.0072	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.08	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.02	ND	0.0294
19)	Chloroform		ND	0.0097
20)	1,1,1-Trichloroethane	0.00	ND	0.0109
21)	Carbon Tetrachloride	0.01	ND	0.0126
23)	Benzene	-0.03	ND	0.0064
25)	1,2-Dichloroethane		ND	0.0081
26)	Trichloroethene		ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.43	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.07	ND	0.0409
32)	Toluene	-0.07	~~0.0110~~ ND RL	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane		ND	0.0109
36)	Tetrachloroethene	0.04	ND	0.0135
37)	2-Hexanone	0.03	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.00	ND	0.0087
42)	p,&m-Xylene	0.01	ND	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.05	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CR1M3102 OHM	**Data Analyzed:**	02/22/19 -1:6:
Misc. Info:	500ml 18708-877 B220140-1	**Method:**	MSB0222
Data Name:	b1192.d	**Shift Call.File:**	CC02221.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.20	ND	0.0137
48)	Benzyl Chloride	-0.06	ND	0.0518
49)	4-Ethyl Toluene	0.03	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.04	ND	0.0098
51)	1,2,4-Trimethylbenzene	-0.05	ND	0.0098
52)	1,3-Dichlorobenzene	0.35	ND	0.0120
53)	1,4-Dichlorobenzene	0.14	ND	0.0120
54)	1,2-Dichlorobenzene	-0.39	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.11	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248920	225113	OK	7.09	7.06	OK
1,4-Difluorobenzene	1032358	997057	OK	8.71	8.69	OK
Chlorobenzene-d5	510226	555367	OK	14.01	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.60	93.2
Toluene-d8	50	42.84	85.7
4-Bromofluorobenzene	50	49.44	98.9

Comments:

Foot Notes:

1st Review: PM 2/22/99 2nd Review LR 2/23/99

Quanterra Air Toxics Lab

Sample Name:	CR1M6102 OHM	**Data Analyzed:**	22 Feb 1999 16:58
Misc. Info:	500ml 18708-879 B220140-3 TEDL	**Method:**	MSB0222
Data Name:	B1193.D	**Shift Cali.File:**	CC02221.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.16	ND	2.00
3) Chloromethane	-0.06	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.01	ND	2.00
9) 1,1-Dichloroethene		ND	2.00
10) Carbon Disulfide	-0.01	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.01	ND	2.00
12) Acetone	0.01	65.48	10.00
13) Methylene Chloride	0.02	2.26	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	0.02	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.02	ND	10.00
19) Chloroform		ND	2.00
20) 1,1,1-Trichloroethane	0.02	ND	2.00
21) Carbon Tetrachloride	0.03	ND	2.00
23) Benzene	-0.00	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene		ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene		ND	2.00
30) 4-Methyl-2-Pentanone	-0.01	ND	10.00
32) Toluene	0.09	ND	~~2.00~~ 5.00
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane		ND	2.00
36) Tetrachloroethene	0.01	ND	2.00
37) 2-Hexanone	-0.01	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene		ND	2.00
41) Ethylbenzene	0.02	ND	2.00
42) p,&m-Xylene	0.00	ND	2.00
43) o-Xylene	0.02	ND	2.00
44) Styrene	0.01	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CR1M6102 OHM	**Data Analyzed:**	02/22/19 -1:6:
Misc. Info:	500ml 18708-879 B220140-3 T	**Method:**	MSB0222
Data Name:	B1193.D	**Shift Cali.File:**	CC02221.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.09	ND	2.00
48)	Benzyl Chloride	-0.07	ND	10.00
49)	4-Ethyl Toluene	0.01	ND	2.00
50)	1,3,5-Trimethylbenzene	0.06	ND	2.00
51)	1,2,4-Trimethylbenzene	0.06	ND	2.00
52)	1,3-Dichlorobenzene	0.29	ND	2.00
53)	1,4-Dichlorobenzene	0.08	ND	2.00
54)	1,2-Dichlorobenzene	-0.44	ND	2.00
55)	1,2,4-Trichlorobenzene	0.08	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MRE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248920	227872	OK	7.09	7.06	OK
1,4-Difluorobenzene	1032358	959907	OK	8.71	8.68	OK
Chlorobenzene-d5	510226	550703	OK	14.01	13.95	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.38	92.8
Toluene-d8	50	43.63	87.3
4-Bromofluorobenzene	50	47.40	94.8

Comments:

Foot Notes:

1st Review: PN 2/22/99 2nd Review:

FEB 23'99 16:20 FR 714 258 0921 TO OHM-IRVINE P.07

Quanterra Air Toxics Lab

Sample Name:	CR1M3102 OHM	**Data Analyzed:**	22 Feb 1999 16:31
Misc. Info:	500ml 18708-877 B220140-1 TEDL	**Method:**	MSB0222
Data Name:	B1192.D	**Shift Cali.File:**	CC02221.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.09	ND	2.00
3) Chloromethane	-0.09	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.05	ND	2.00
9) 1,1-Dichloroethene		ND	2.00
10) Carbon Disulfide	-0.00	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.01	ND	2.00
12) Acetone	0.02	10.80	10.00
13) Methylene Chloride	-0.00	2.07	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	0.08	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.02	ND	10.00
19) Chloroform		ND	2.00
20) 1,1,1-Trichloroethane	0.00	ND	2.00
21) Carbon Tetrachloride	0.01	ND	2.00
23) Benzene	-0.03	ND	2.00
25) 1,2-Dichloroethane		ND	2.00
26) Trichloroethene		ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene	0.43	ND	2.00
30) 4-Methyl-2-Pentanone	-0.07	ND	10.00
32) Toluene	-0.07	~~2.92~~ ND	RL ~~2.00~~ 5.00
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane		ND	2.00
36) Tetrachloroethene	0.04	ND	2.00
37) 2-Hexanone	0.03	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene		ND	2.00
41) Ethylbenzene	0.00	ND	2.00
42) p,&m-Xylene	0.01	ND	2.00
43) o-Xylene	0.02	ND	2.00
44) Styrene	0.05	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CR1M3102 OHM	**Data Analyzed:**	02/22/19 -1:6:
Misc. Info:	500ml 18708-877 B220140-1 T	**Method:**	MSB0222
Data Name:	B1192.D	**Shift Cali.File:**	CC02221.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.20	ND	2.00
48)	Benzyl Chloride	-0.06	ND	10.00
49)	4-Ethyl Toluene	0.03	ND	2.00
50)	1,3,5-Trimethylbenzene	0.04	ND	2.00
51)	1,2,4-Trimethylbenzene	-0.05	ND	2.00
52)	1,3-Dichlorobenzene	0.35	ND	2.00
53)	1,4-Dichlorobenzene	0.14	ND	2.00
54)	1,2-Dichlorobenzene	-0.39	ND	2.00
55)	1,2,4-Trichlorobenzene	0.11	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248920	225113	OK	7.09	7.06	OK
1,4-Difluorobenzene	1032358	997057	OK	8.71	8.69	OK
Chlorobenzene-d5	510226	555367	OK	14.01	13.94	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.60	93.2
Toluene-d8	50	42.84	85.7
4-Bromofluorobenzene	50	49.44	98.9

Comments:

Foot Notes:

1st Review: PN 2/22/99 2nd Review: LR 2/23/99

Quanterra Air Toxics Lab

Sample Name:	CR1M6102 OHM	**Data Analyzed:**	22 Feb 1999 16:58
Misc. Info:	500ml 18708-879 B220140-3 TE	**Method:**	MSB0222
Data Name:	B1193.D	**Shift Cali.File:**	CC02221.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (1	-0.16	ND	0.0099	
3)	Chloromethan	-0.06	ND	0.0082	
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140	
5)	Vinyl Chloride		ND	0.0051	
6)	Bromomethan		ND	0.0078	
7)	Chloroethane		ND	0.0105	
8)	Trichlorofluoromethane (11)	-0.01	ND	0.0112	
9)	1,1-Dichloroethene		ND	0.0079	
10)	Carbon Disulfide	-0.01	ND	0.0311	
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	ND	0.0153	
12)	Acetone	0.01	0.1553	0.0237	
13)	Methylene Chloride	0.02	0.0078	0.0069	
14)	t-1,2-Dichloroethene		ND	0.0079	
15)	1,1-Dichloroethane		ND	0.0081	
16)	Vinyl Acetate	0.02	ND	0.0351	
17)	c-1,2-Dichloroethene		ND	0.0079	
18)	2-Butanone	0.02	ND	0.0294	
19)	Chloroform		ND	0.0097	
20)	1,1,1-Trichloroethane	0.02	ND	0.0109	
21)	Carbon Tetrachloride	0.03	ND	0.0126	
23)	Benzene	-0.00	ND	0.0064	
25)	1,2-Dichloroethane		ND	0.0081	
26)	Trichloroethene		ND	0.0107	
27)	1,2-Dichloropropane		ND	0.0092	
28)	Bromodichloromethane		ND	0.0134	
29)	c-1,3-Dichloropropene		ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.01	ND	0.0409	
32)	Toluene	0.09	ND	~~0.0075~~	0.019
34)	t-1,3-Dichloropropene		ND	0.0091	
35)	1,1,2-Trichloroethane		ND	0.0109	
36)	Tetrachloroethene	0.01	ND	0.0135	
37)	2-Hexanone	-0.01	ND	0.1226	
38)	Dibromochloromethane		ND	0.0170	
39)	1,2-Dibromoethane		ND	0.0153	
40)	Chlorobenzene		ND	0.0092	
41)	Ethylbenzene	0.02	ND	0.0087	
42)	p,&m-Xylene	0.00	ND	0.0087	
43)	o-Xylene	0.02	ND	0.0087	
44)	Styrene	0.01	ND	0.0085	
45)	Bromoform		ND	0.0206	

Sample Name:	CR1M6102 OHM	**Data Analyzed:**	02/22/19 -1:6:
Misc. Info:	500ml 18708-879 B220140-3	**Method:**	MSB0222
Data Name:	B1193.D	**Shift Cali.File:**	CC02221.D
Data Path:	d:\gcmsb\990222\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.09	ND	0.0137
48)	Benzyl Chloride	-0.07	ND	0.0518
49)	4-Ethyl Toluene	0.01	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.06	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.06	ND	0.0098
52)	1,3-Dichlorobenzene	0.29	ND	0.0120
53)	1,4-Dichlorobenzene	0.08	ND	0.0120
54)	1,2-Dichlorobenzene	-0.44	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.08	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		NO	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	248920	227872	OK	7.09	7.06	OK
1,4-Difluorobenzene	1032358	959907	OK	8.71	8.68	OK
Chlorobenzene-d5	510226	550703	OK	14.01	13.95	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.38	92.8
Toluene-d8	50	43.63	87.3
4-Bromofluorobenzene	50	47.40	94.8

Comments:

Foot Notes:

1st Review: PN 2/22/99 2nd Review LR 2/23/99

FEB 23'99 16:20 FR 714 258 0921 TO OHM-IRVINE P.09

24SG109	Sample Number	18233-054	18233-055	18708-861	18708-862	18708-863	18708-864	18708-865
	Date Sampled	2/3/99	2/3/99	2/18/99	2/18/99	2/18/99	2/18/99	2/18/99
	Sample Location	Ambient	50'	Ambient (021099A)	Ambient (vaccaum box)	72'	Ambient (021699B)	92.5
Analytes	Unit							
Dichlorodifluoromethane	ppbv (ug/L)	ND	ND	ND	NA	ND	NA	ND
1,1-Dichloroethene	ppbv (ug/L)	ND	100 (0.41)	ND	NA	ND	NA	1444 (5.7)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppbv (ug/L)	ND	1500 (11.4)	ND	NA	ND	NA	10122 (77)
Acetone	ppbv (ug/L)	44 (0.104)	ND	ND	NA	ND	NA	ND
Methylene Chloride	ppbv (ug/L)	ND	ND	ND	NA	ND	NA	ND
MTBE	ppbv (ug/L)	12 (0.043)	ND	ND	NA	ND	NA	ND
2-Butanone	ppbv (ug/L)	ND	ND	ND	NA	ND	NA	ND
Chloroform	ppbv (ug/L)	ND	ND	ND	NA	ND	NA	ND
1,1,1-Trichloroethene	ppbv (ug/L)	ND	ND	ND	NA	ND	NA	ND
Benzene	ppbv (ug/L)	2.3 (0.007)	ND	ND	NA	ND	NA	ND
Trichloroethene	ppbv (ug/L)	ND	22 (0.12)	ND	NA	ND	NA	410 (2.2)
Toluene	ppbv (ug/L)	49 (0.18)	ND	ND	NA	ND	NA	ND
1,1,2-Trichloroethane	ppbv (ug/L)	ND	ND	ND	NA	ND	NA	ND
Tetrachloroethene	ppbv (ug/L)	2.7 (0.018)	ND	ND	NA	ND	NA	ND
Ethylbenzene	ppbv (ug/L)	12 (0.053)	ND	ND	NA	ND	NA	ND
Xylenes	ppbv (ug/L)	64 (0.28)	23 (0.1)	3.8 (0.016)	NA	ND	NA	ND
4-Ethyltoluene	ppbv (ug/L)	5.2 (0.026)	ND	ND	NA	ND	NA	ND
1,3-Dichlorobenzene	ppbv (ug/L)	ND	ND	13 (0.079)	NA	2.8 (0.017)	NA	ND
1,3,5-Trimethylbenzene	ppbv (ug/L)	ND	ND	ND	NA	ND	NA	ND
1,2,4-Trimethylbenzene	ppbv (ug/L)	5.1 (0.025)	ND	ND	NA	ND	NA	ND

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222410
FORM 0019 REV. 2-97

LAB COORDINATOR: Zar Tintul-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID: MQB180231	LABORATORY CONTACT: MARIA JONES	MAIL REPORT (COMPANY NAME): OHM Remediation
T NAME: l Gas @ Site 24	PROJECT LOCATION: MCAS El Toro	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
T CONTACT: Zar Tintul Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr. # 200
T ADDRESS: AS EL TORO	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lyn Hornecker - SWDIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE, AND ZIPCODE: Irvine, CA
T MANAGER: L SEDLAK	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Analyze 'A' bag first

Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Hold Conditions							Comments
18708-861	Vapor	2/18/99	0930	Ambient	2	III	24 hr.	X								
18708-862	Vapor	2/18/99	0955	Ambient	1	III	24 hr.		X							Analyze only if 18708-861 is detected for TCE
18708-863	Vapor	2/18/99	1025	Ambient	3	III	24 hr.	X								
18708-864	Vapor	2/18/99	1125	Ambient	2	III	24 hr		X							Analyze only if 18708-861 is detected for TCE
18708-865	Vapor	2/18/99	1210	Ambient	3	III	24 hr.	X								

2/18/99

Sample Point Location	G	C	F	QC
1. 24S9109B - Ambient Tubing # 021099A	X		X	X
2. 24S9109B - Ambient (without tubing)	X		X	X
3. 24S9109B @ 72'	X		X	
4. 24S9109B Ambient Tubing # 021699B	X		X	X
5. 24S9109B @ 92'	X			

Comments
③ used vacuum pump

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

LES COLLECTED BY	COURIER AND AIR BILL NUMBER	COOLER TEMPERATURE UPON RECEIPT
RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
		2/19/99		

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

MAB180231 — 1

Quanterra Air Toxics Lab

Sample Name:	CQX12102 OHM	**Data Analyzed:**	18 Feb 1999 17:20
Misc. Info:	500 ML 18708-861 TEDLAR	**Method:**	MSA0218
Data Name:	A2145.D	**Shift Cali.File:**	CC02181.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	0.01	ND	2.00
3)	Chloromethane		ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.00	ND	2.00
9)	1,1-Dichloroethene		ND	2.00
10)	Carbon Disulfide	0.00	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	ND	2.00
12)	Acetone	0.02	ND	10.00
13)	Methylene Chloride	0.02	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.21	ND ~~11.68~~ RT, MS	10.00
7)	c-1,2-Dichloroethene		ND	2.00
	2-Butanone	0.30	ND ~~24.32~~ RT MS	10.00
19)	Chloroform	0.17	ND	2.00
20)	1,1,1-Trichloroethane	0.13	ND	2.00
21)	Carbon Tetrachloride	-0.00	ND	2.00
23)	Benzene	-0.01	ND	2.00
25)	1,2-Dichloroethane	0.08	ND	2.00
26)	Trichloroethene	-0.00	ND	2.00
27)	1,2-Dichloropropane	-0.13	ND ~~3.98~~ RT, MS	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	-0.40	ND	2.00
30)	4-Methyl-2-Pentanone	-0.38	ND	10.00
32)	Toluene	-0.09	ND ~~4.73~~ <RL	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.37	ND	2.00
36)	Tetrachloroethene	-0.01	ND	2.00
37)	2-Hexanone	-0.21	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane	-0.32	ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.02	ND	2.00
42)	p,&m-Xylene	0.02	3.75	2.00
43)	o-Xylene	0.01	ND	2.00
44)	Styrene	-0.01	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CQX12102 OHM	**Data Analyzed:**	02/18/19 -1:7:
Misc. Info:	500 ML 18708-861 TEDLAR	**Method:**	MSA0218
Data Name:	A2145.D	**Shift Cali.File:**	CC02181.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.33	ND	2.00
48)	Benzyl Chloride	0.19	ND	10.00
49)	4-Ethyl Toluene	0.24	ND	2.00
50)	1,3,5-Trimethylbenzene	0.06	ND	2.00
51)	1,2,4-Trimethylbenzene	0.11	ND	2.00
52)	1,3-Dichlorobenzene	0.13	13.23	2.00
53)	1,4-Dichlorobenzene	0.00	ND ~~10.57~~ RT, MS	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene		ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	159800	157537	OK	7.53	7.54	OK
1,4-Difluorobenzene	941018	938877	OK	9.22	9.22	OK
Chlorobenzene-d5	452455	415985	OK	14.67	14.54	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	54.09	108.2
Toluene-d8	50	45.91	91.8
4-Bromofluorobenzene	50	51.02	102.0

Comments:

Foot Notes:

1st Review: LR 2/18/99

2nd Review:

– 3

Quanterra Air Toxics Lab

Sample Name:	CQX16102 OHM	**Data Analyzed:**	18 Feb 1999 17:47
Misc. Info:	500 ML 18708-863 TEDLAR	**Method:**	MSA0218
Data Name:	A2146.D	**Shift Cali.File:**	CC02181.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.01	ND	2.00
3)	Chloromethane	-0.25	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.02	ND	2.00
9)	1,1-Dichloroethene		ND	2.00
10)	Carbon Disulfide	0.03	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	ND	2.00
12)	Acetone	0.03	ND	10.00
13)	Methylene Chloride	0.02	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.03	ND	10.00
	c-1,2-Dichloroethene		ND	2.00
	2-Butanone	-0.03	ND	10.00
19)	Chloroform	0.24	ND	2.00
20)	1,1,1-Trichloroethane	-0.03	ND	2.00
21)	Carbon Tetrachloride		ND	2.00
23)	Benzene	-0.02	ND	2.00
25)	1,2-Dichloroethane	-0.19	ND	2.00
26)	Trichloroethene	0.02	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.46	ND	2.00
30)	4-Methyl-2-Pentanone	-0.35	ND	10.00
32)	Toluene	-0.08	ND ~~2.02~~ <RL	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	-0.18	ND	2.00
36)	Tetrachloroethene	-0.01	ND	2.00
37)	2-Hexanone		ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.02	ND	2.00
42)	p,&m-Xylene	0.02	ND	2.00
43)	o-Xylene	0.00	ND	2.00
44)	Styrene	0.07	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CQX16102 OHM	**Data Analyzed:**	02/18/19 -1:7:
Misc. Info:	500 ML 18708-863 TEDLAR	**Method:**	MSA0218
Data Name:	A2146.D	**Shift Cali.File:**	CC02181.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.33	ND	2.00
48)	Benzyl Chloride	0.17	ND	10.00
49)	4-Ethyl Toluene	0.06	ND	2.00
50)	1,3,5-Trimethylbenzene	0.09	ND	2.00
51)	1,2,4-Trimethylbenzene	0.12	ND	2.00
52)	1,3-Dichlorobenzene	0.13	2.84	2.00
53)	1,4-Dichlorobenzene	-0.00	ND ~~2.27~~ RT.	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene	0.16	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	159800	144485	OK	7.53	7.53	OK
1,4-Difluorobenzene	941018	838064	OK	9.22	9.21	OK
Chlorobenzene-d5	452455	409954	OK	14.67	14.55	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.28	106.6
Toluene-d8	50	51.39	102.8
4-Bromofluorobenzene	50	48.56	97.1

Comments:

Foot Notes:

1st Review: LR 2/18/99

2nd Review:

– 5

Quanterra Air Toxics Lab

Sample Name:	COX19102 OHM	**Data Analyzed:**	18 Feb 1999 18:16
Misc. Info:	10 ML 18708-865 TEDLAR	**Method:**	MSA0218
Data Name:	A2147.D	**Shift Call.File:**	CC02181.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	50

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	100.00
3)	Chloromethane		ND	200.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	100.00
5)	Vinyl Chloride		ND	100.00
6)	Bromomethane		ND	100.00
7)	Chloroethane		ND	200.00
8)	Trichlorofluoromethane (11)		~~ND~~	100.00
9)	1,1-Dichloroethene	-0.00	1444.26	100.00
10)	Carbon Disulfide		ND	500.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	10122.50	100.00
12)	Acetone	-0.08	NP ~~771.08~~ RT	500.00
13)	Methylene Chloride		ND	100.00
14)	t-1,2-Dichloroethene	-0.10	ND	100.00
15)	1,1-Dichloroethane	-0.00	ND	100.00
16)	Vinyl Acetate	0.11	ND	500.00
17)	c-1,2-Dichloroethene		ND	100.00
18)	2-Butanone	0.33	ND	500.00
19)	Chloroform	0.21	ND	100.00
20)	1,1,1-Trichloroethane		ND	100.00
21)	Carbon Tetrachloride		ND	100.00
23)	Benzene		ND	100.00
25)	1,2-Dichloroethane		ND	100.00
26)	Trichloroethene	0.01	410.51	100.00
27)	1,2-Dichloropropane		ND	100.00
28)	Bromodichloromethane		ND	100.00
29)	c-1,3-Dichloropropene		ND	100.00
30)	4-Methyl-2-Pentanone	0.01	ND	500.00
32)	Toluene	-0.02	ND	~~100.00~~ 250
34)	t-1,3-Dichloropropene		ND	100.00
35)	1,1,2-Trichloroethane		ND	100.00
36)	Tetrachloroethene		ND	100.00
37)	2-Hexanone		ND	1500.00
38)	Dibromochloromethane		ND	100.00
39)	1,2-Dibromoethane		ND	100.00
40)	Chlorobenzene		ND	100.00
41)	Ethylbenzene	-0.40	ND	100.00
42)	p,&m-Xylene	-0.02	ND	100.00
43)	o-Xylene		ND	100.00
44)	Styrene		ND	100.00
45)	Bromoform		ND	100.00

Sample Name:	CQX19102 OHM	**Data Analyzed:**	02/18/19 -1:8:
Misc. Info:	10 ML 18708-865 TEDLAR	**Method:**	MSA0218
Data Name:	A2147.D	**Shift Cali.File:**	CC02181.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	50

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	100.00
48)	Benzyl Chloride		ND	500.00
49)	4-Ethyl Toluene	0.34	ND	100.00
50)	1,3,5-Trimethylbenzene	0.16	ND	100.00
51)	1,2,4-Trimethylbenzene		ND	100.00
52)	1,3-Dichlorobenzene	-0.02	ND	100.00
53)	1,4-Dichlorobenzene	-0.15	ND	100.00
54)	1,2-Dichlorobenzene		ND	100.00
55)	1,2,4-Trichlorobenzene		ND	1000.00
56)	Hexachlorobutadiene		ND	200.00
	MTBE		ND	500

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	159800	135035	OK	7.53	7.53	OK
1,4-Difluorobenzene	941018	811536	OK	9.22	9.25	OK
Chlorobenzene-d5	452455	387002	OK	14.67	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.15	100.3
Toluene-d8	50	51.18	102.4
4-Bromofluorobenzene	50	44.83	89.7

Comments:

Foot Notes:

1st Review: LR 2/8/99

2nd Review:

M9B180231-1

Quanterra Air Toxics Lab

Sample Name:	CQX12102 OHM	**Data Analyzed:**	18 Feb 1999 17:20
Misc. Info:	500 ML 18708-861 TEDLAR	**Method:**	MSA0218
Data Name:	A2145.D	**Shift Call.File:**	CC02181.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	0.01	ND	0.0099
3)	Chloromethane		ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.00	ND	0.0112
9)	1,1-Dichloroethene		ND	0.0079
10)	Carbon Disulfide	0.00	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.02	ND	0.0153
12)	Acetone	0.02	ND	0.0237
13)	Methylene Chloride	0.02	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.21	ND ~~0.0410~~	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.30	ND ~~0.0716~~	0.0294
19)	Chloroform	0.17	ND	0.0097
20)	1,1,1-Trichloroethane	0.13	ND	0.0109
21)	Carbon Tetrachloride	-0.00	ND	0.0126
23)	Benzene	-0.01	ND	0.0064
25)	1,2-Dichloroethane	0.08	ND	0.0081
26)	Trichloroethene	-0.00	ND	0.0107
27)	1,2-Dichloropropane	-0.13	ND ~~0.0276~~	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	-0.40	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.38	ND	0.0409
32)	Toluene	-0.09	ND ~~0.0178~~ <RL	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.37	ND	0.0109
36)	Tetrachloroethene	-0.01	ND	0.0135
37)	2-Hexanone	-0.21	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane	-0.32	ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.02	ND	0.0087
42)	p,&m-Xylene	0.02	0.0162	0.0087
43)	o-Xylene	0.01	ND	0.0087
44)	Styrene	-0.01	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CQX12102 OHM	**Data Analyzed:**	02/18/19 -1:7:
Misc. Info:	500 ML 18708-861 TEDLAR	**Method:**	MSA0218
Data Name:	A2145.D	**Shift Call.File:**	CC02181.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.33	ND	0.0137
48)	Benzyl Chloride	0.19	ND	0.0518
49)	4-Ethyl Toluene	0.24	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.06	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.11	ND	0.0098
52)	1,3-Dichlorobenzene	0.13	0.0794	0.0120
53)	1,4-Dichlorobenzene	0.00	ND ~~0.0634~~ RT	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	159800	157537	OK	7.53	7.54	OK
1,4-Difluorobenzene	941018	938877	OK	9.22	9.22	OK
Chlorobenzene-d5	452455	415985	OK	14.67	14.54	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	54.09	108.2
Toluene-d8	50	45.91	91.8
4-Bromofluorobenzene	50	51.02	102.0

Comments:

Foot Notes:

1st Review: LR 2/19/99 2nd Review

-3

Quanterra Air Toxics Lab

Sample Name:	CQX16102 OHM	**Data Analyzed:**	18 Feb 1999 17:47
Misc. Info:	500 ML 18708-863 TEDLAR	**Method:**	MSA0218
Data Name:	a2146.d	**Shift Call.File:**	CC02181.D
Data Path:	d:\gcmsa~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.01	ND	0.0099
3)	Chloromethane	-0.25	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.02	ND	0.0112
9)	1,1-Dichloroethene		ND	0.0079
10)	Carbon Disulfide	0.03	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.01	ND	0.0153
12)	Acetone	0.03	ND	0.0237
13)	Methylene Chloride	0.02	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	-0.03	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.03	ND	0.0294
19)	Chloroform	0.24	ND	0.0097
20)	1,1,1-Trichloroethane	-0.03	ND	0.0109
21)	Carbon Tetrachloride		ND	0.0126
23)	Benzene	-0.02	ND	0.0064
25)	1,2-Dichloroethane	-0.19	ND	0.0081
26)	Trichloroethene	0.02	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.46	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.35	ND	0.0409
32)	Toluene	-0.08	ND ~~0.0095~~	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	-0.18	ND	0.0109
36)	Tetrachloroethene	-0.01	ND	0.0135
37)	2-Hexanone		ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.02	ND	0.0087
42)	p,&m-Xylene	0.02	ND	0.0087
43)	o-Xylene	0.00	ND	0.0087
44)	Styrene	0.07	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 19 99 18:06 FR 714 258 0921 TO OHM-IRVINE P.08

Sample Name:	CQX16102 OHM	**Data Analyzed:**	02/18/19 -1:7:
Misc. Info:	500 ML 18708-863 TEDLAR	**Method:**	MSA0218
Data Name:	a2146.d	**Shift Cali.File:**	CC02181.D
Data Path:	d:\gcmsa~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.33	ND	0.0137
48)	Benzyl Chloride	0.17	ND	0.0518
49)	4-Ethyl Toluene	0.06	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.09	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.12	ND	0.0098
52)	1,3-Dichlorobenzene	0.13	0.0170	0.0120
53)	1,4-Dichlorobenzene	-0.00	ND ~~0.0136~~ RT	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	0.16	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	159800	144485	OK	7.53	7.53	OK
1,4-Difluorobenzene	941018	838064	OK	9.22	9.21	OK
Chlorobenzene-d5	452455	409954	OK	14.67	14.55	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.28	106.6
Toluene-d8	50	51.39	102.8
4-Bromofluorobenzene	50	48.56	97.1

Comments:

Foot Notes:

1st Review: LR 2/19/99 2nd Review

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Quanterra Air Toxics Lab

Sample Name:	CQX19102 OHM	**Data Analyzed:**	18 Feb 1999 18:16
Misc. Info:	10 ML 18708-865 TEDLAR	**Method:**	MSA0218
Data Name:	A2147.D	**Shift Cali.File:**	CC02181.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	50

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)		ND	0.4935
3)	Chloromethane		ND	0.4122
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.6976
5)	Vinyl Chloride		ND	0.2551
6)	Bromomethane		ND	0.3875
7)	Chloroethane		ND	0.5266
8)	Trichlorofluoromethane (11)		ND	0.5607
9)	1,1-Dichloroethene	-0.00	5.7149	0.3957
10)	Carbon Disulfide		ND	1.5540
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	77.4168	0.7648
12)	Acetone	-0.08	ND ~~1.8282~~ RT	1.1855
13)	Methylene Chloride		ND	0.3467
14)	t-1,2-Dichloroethene	-0.10	ND	0.3957
15)	1,1-Dichloroethane	-0.00	ND	0.4039
16)	Vinyl Acetate	0.11	ND	1.7570
17)	c-1,2-Dichloroethene		ND	0.3957
18)	2-Butanone	0.33	ND	1.4715
19)	Chloroform	0.21	ND	0.4873
20)	1,1,1-Trichloroethane		ND	0.5445
21)	Carbon Tetrachloride		ND	0.6278
23)	Benzene		ND	0.3188
25)	1,2-Dichloroethane		ND	0.4039
26)	Trichloroethene	0.01	2.2016	0.5363
27)	1,2-Dichloropropane		ND	0.4612
28)	Bromodichloromethane		ND	0.6687
29)	c-1,3-Dichloropropene		ND	0.4529
30)	4-Methyl-2-Pentanone	0.01	ND	2.0440
32)	Toluene	-0.02	ND	~~0.3761~~ 0.95
34)	t-1,3-Dichloropropene		ND	0.4529
35)	1,1,2-Trichloroethane		ND	0.5445
36)	Tetrachloroethene		ND	0.6769
37)	2-Hexanone		ND	6.1320
38)	Dibromochloromethane		ND	0.8502
39)	1,2-Dibromoethane		ND	0.7668
40)	Chlorobenzene		ND	0.4594
41)	Ethylbenzene	-0.40	ND	0.4333
42)	p,&m-Xylene	-0.02	ND	0.4333
43)	o-Xylene		ND	0.4333
44)	Styrene		ND	0.4251
45)	Bromoform		ND	1.0316

Sample Name:	CQX19102 OHM	**Data Analyzed:**	02/18/19 -1:8:
Misc. Info:	10 ML 18708-865 TEDLAR	**Method:**	MSA0218
Data Name:	A2147.D	**Shift Cali.File:**	CC02181.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	50

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.6851
48)	Benzyl Chloride		ND	2.5880
49)	4-Ethyl Toluene	0.34	ND	0.4906
50)	1,3,5-Trimethylbenzene	0.16	ND	0.4906
51)	1,2,4-Trimethylbenzene		ND	0.4906
52)	1,3-Dichlorobenzene	-0.02	ND	0.6000
53)	1,4-Dichlorobenzene	-0.15	ND	0.6000
54)	1,2-Dichlorobenzene		ND	0.6000
55)	1,2,4-Trichlorobenzene		ND	7.4060
56)	Hexachlorobutadiene		ND	2.1286
	MTBE		ND	1.8

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	159800	135035	OK	7.53	7.53	OK
1,4-Difluorobenzene	941018	811536	OK	9.22	9.25	OK
Chlorobenzene-d5	452455	387002	OK	14.67	14.70	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	50.15	100.3
Toluene-d8	50	51.18	102.4
4-Bromofluorobenzene	50	44.83	89.7

Comments:

Foot Notes:

1st Review: LR 2/19/99 2nd Review

24SG136	Sample Number	18233-047	18233-048	18233-049	18708-866	18708-867	18708-868	18708-869
	Date Sampled	2/1/99	2/1/99	2/1/99	2/18/99	2/18/99	2/18/99	2/18/99
	Sample Location	Ambient	46.5'	46.5' (duplicate)	Ambient (021899A)	73'	95'	Ambient (vaccum box)
Analytes	Unit							
Dichlorodifluoromethane	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
1,1-Dichloroethene	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	ppbv (ug/L)	ND	110000 (876)	120000 (951)	ND	87.4 (0.67)	15215 (116)	NA
Acetone	ppbv (ug/L)	28 (0.067)	ND	ND	11.6 (0.027)	14.5 (0.034)	ND	NA
Methylene Chloride	ppbv (ug/L)	2.8J (0.01J)	ND	ND	5.6 (0.02)	6.5 (0.023)	ND	NA
MTBE	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
2-Butanone	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
Chloroform	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
1,1,1-Trichloroethene	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
Carbon Tetrachloride	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
Benzene	ppbv (ug/L)	2.6J (0.0084)	ND	ND	ND	ND	ND	NA
Trichloroethene	ppbv (ug/L)	2.1 (0.012)	1000 U (5.4 U)	1000 U (5.4 U)	ND	3.1 (0.017)	160 U (0.86 U)	NA
Toluene	ppbv (ug/L)	41 (0.16)	ND	ND	17.6 (0.066)	17.4 (0.066)	ND	NA
1,1,2-Trichloroethane	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
Tetrachloroethene	ppbv (ug/L)	2.2 (0.015)	ND	ND	ND	ND	ND	NA
Ethylbenzene	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
Xylenes	ppbv (ug/L)	7.6 (0.033)	ND	ND	4.9 (0.021)	4.1 (0.018)	ND	NA
4-Ethyltoluene	ppbv (ug/L)	2.1 (0.010)	ND	ND	ND	ND	ND	NA
1,3,5-Trimethylbenzene	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	NA
1,2,4-Trimethylbenzene	ppbv (ug/L)	3 (0.014)	ND	ND	2.1 (0.01)	ND	ND	NA

OHM Remediation Services Corp
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

LABORATORY COPY
222411

MG B1 90-217 $6136

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR: Thizar Tintut-Williams	LAB COORDINATOR'S PHONE: (949) 660-5300	LAB COORDINATOR'S FAX: (949) 475-5433	LABORATORY SERVICE ID:	LABORATORY CONTACT: MARIA JONES	MAIL REPORT (COMPANY NAME): OHM Remediation
PROJECT NAME: Soil Gas @ Site 24	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 18708	LABORATORY PHONE: (714) 258-8610	LABORATORY FAX:	RECIPIENT NAME: Dwayne Ishida
PROJECT CONTACT: Thizar Tintut-Williams	PROJECT PHONE NUMBER: (949) 660-5300	PROJECT FAX: (949) 475-5433	LABORATORY ADDRESS: Quanterra		ADDRESS: 3347 Michelson Dr. # 200
PROJECT ADDRESS: MCAS EL TORO	CITY, STATE AND ZIPCODE: Santa Ana, CA	CLIENT: Lynn Hornecker SW DIV	CITY, STATE AND ZIPCODE: Santa Ana, CA		CITY, STATE AND ZIPCODE: Irvine, CA
PROJECT MANAGER: BILL SEDLAK	PROJECT MANAGER'S PHONE: (949) 660-5300	PROJECT MANAGER'S FAX: (949) 475-5433			

Item	Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont	QC Level	T.A.T.	Analyses: TO-14	Hold Conditional							Comments
																	Analyze 'A' bag first
1	18708-866	VAPOR	2-18	1440	–	2	III	24HR	X								
2	18708-867	VAPOR	2-18	1515	–	3	III	24HR	X								
3	18708-868	VAPOR	2-18	1630	–	3	III	24HR	X								
4	18708-869	VAPOR	2-18	1645	–	1	III	24HR		X							Analyze only if TCE is detected in 18708-866
5																	
6																	
7																	
8																	
9																	
10																	

SAMPLES COLLECTED BY: C. PARRISH
COURIER AND AIR BILL NUMBER: COURIER
COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
Cary Parrish		2-18-99		

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

$6136

Sample Point Location	Sample Type G	C	F	QC
1. AMBIENT W/TUBING	X			X
TUBING #021899A NEW FOIL				
2. 73' DGS $6136	X			
3. 95' DGS $6136	X			
4. Ambient (no tubing)				

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

Quanterra Air Toxics Lab

Sample Name:	CROFE102 OHM	**Data Analyzed:**	19 Feb 1999 16:53
Misc. Info:	500ml 18708-866 B190217-1 TEDL	**Method:**	MSB0219
Data Name:	B1182.D	**Shift Cali.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.36	ND	2.00
3) Chloromethane	0.02	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)	-0.06	ND	2.00
9) 1,1-Dichloroethene	-0.27	ND	2.00
10) Carbon Disulfide	-0.08	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.06	ND	2.00
12) Acetone	-0.02	11.58	10.00
13) Methylene Chloride	-0.04	5.65	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane		ND	2.00
16) Vinyl Acetate	0.20	ND	10.00
17) c-1,2-Dichloroethene		ND	2.00
18) 2-Butanone	0.03	ND	10.00
19) Chloroform	0.12	ND	2.00
20) 1,1,1-Trichloroethane	-0.01	ND	2.00
21) Carbon Tetrachloride	-0.01	ND	2.00
23) Benzene	-0.00	ND	2.00
25) 1,2-Dichloroethane	-0.14	ND	2.00
26) Trichloroethene	-0.01	ND	2.00
27) 1,2-Dichloropropane		ND	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene	0.47	ND	2.00
30) 4-Methyl-2-Pentanone	-0.26	ND	10.00
32) Toluene	-0.08	17.65	~~2.00~~ 5.00
34) t-1,3-Dichloropropene		ND	2.00
35) 1,1,2-Trichloroethane	0.09	ND	2.00
36) Tetrachloroethene	-0.03	ND	2.00
37) 2-Hexanone	0.01	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	-0.01	ND	2.00
41) Ethylbenzene	-0.01	ND	2.00
42) p,&m-Xylene	0.01	4.87	2.00
43) o-Xylene	0.02	ND	2.00
44) Styrene	0.01	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CROFE102 OHM	**Data Analyzed:**	02/19/19 -1:6;
Misc. Info:	500ml 18708-866 B190217-1 T	**Method:**	MSB0219
Data Name:	B1182.D	**Shift Cali.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.32	ND	2.00
48)	Benzyl Chloride	-0.09	ND	10.00
49)	4-Ethyl Toluene	0.01	ND	2.00
50)	1,3,5-Trimethylbenzene	0.06	ND	2.00
51)	1,2,4-Trimethylbenzene	0.09	2.14	2.00
52)	1,3-Dichlorobenzene	0.12	ND	2.00
53)	1,4-Dichlorobenzene	-0.07	ND	2.00
54)	1,2-Dichlorobenzene	-0.37	ND	2.00
55)	1,2,4-Trichlorobenzene	-0.01	ND	20.00
56)	Hexachlorobutadiene	-0.50	ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	238464	231819	OK	7.10	7.05	OK
1,4-Difluorobenzene	902531	988068	OK	8.73	8.69	OK
Chlorobenzene-d5	447895	565828	OK	13.99	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.02	94.0
Toluene-d8	50	48.08	96.2
4-Bromofluorobenzene	50	55.30	110.6

Comments:

Foot Notes:

1st Review: PN 2/19/99

2nd Review: 2/22/99

Quanterra Air Toxics Lab

Sample Name:	CROFK102 OHM	**Data Analyzed:**	19 Feb 1999 18:04
Misc. Info:	500ml 18708-867 B190217-2 TEDL	**Method:**	MSB0219
Data Name:	B1184.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)	-0.38	ND	2.00
3) Chloromethane	-0.01	ND	4.00
4) 1,2-Cl-1,1,2,2-F ethane (114)	0.07	ND	2.00
5) Vinyl Chloride		ND	2.00
6) Bromomethane		ND	2.00
7) Chloroethane		ND	4.00
8) Trichlorofluoromethane (11)		ND	2.00
9) 1,1-Dichloroethene	0.02	ND	2.00
10) Carbon Disulfide	-0.08	ND	10.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	-0.06	87.40	2.00
12) Acetone	-0.03	14.49 RY	10.00
13) Methylene Chloride	-0.05	6.51	2.00
14) t-1,2-Dichloroethene		ND	2.00
15) 1,1-Dichloroethane	0.04	ND	2.00
16) Vinyl Acetate	0.21	ND	10.00
17) c-1,2-Dichloroethene	0.31	ND	2.00
18) 2-Butanone	0.03	ND	10.00
19) Chloroform	0.08	ND	2.00
20) 1,1,1-Trichloroethane	-0.02	ND	2.00
21) Carbon Tetrachloride	0.01	ND	2.00
23) Benzene	0.00	ND	2.00
25) 1,2-Dichloroethane	0.17	ND	2.00
26) Trichloroethene	0.00	3.11	2.00
27) 1,2-Dichloropropane	-0.08	~~2.46~~ NO MS	2.00
28) Bromodichloromethane		ND	2.00
29) c-1,3-Dichloropropene	0.38	ND	2.00
30) 4-Methyl-2-Pentanone	-0.28	ND	10.00
32) Toluene	-0.06	17.41	~~2.00~~ 5.00
34) t-1,3-Dichloropropene	0.20	ND	2.00
35) 1,1,2-Trichloroethane	-0.21	ND	2.00
36) Tetrachloroethene	-0.07	ND	2.00
37) 2-Hexanone	0.07	ND	30.00
38) Dibromochloromethane		ND	2.00
39) 1,2-Dibromoethane		ND	2.00
40) Chlorobenzene	-0.03	ND	2.00
41) Ethylbenzene	-0.01	ND	2.00
42) p,&m-Xylene	0.01	4.16	2.00
43) o-Xylene	0.00	ND	2.00
44) Styrene	0.06	ND	2.00
45) Bromoform		ND	2.00

Sample Name:	CROFK102 OHM	**Data Analyzed:**	02/19/19 -1:8:
Misc. Info:	500ml 18708-867 B190217-2 T	**Method:**	MSB0219
Data Name:	B1184.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSB\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.07	ND	2.00
48)	Benzyl Chloride	0.02	ND	10.00
49)	4-Ethyl Toluene	0.09	ND	2.00
50)	1,3,5-Trimethylbenzene	-0.08	ND	2.00
51)	1,2,4-Trimethylbenzene	0.12	ND	2.00
52)	1,3-Dichlorobenzene	0.13	ND	2.00
53)	1,4-Dichlorobenzene	-0.09	ND	2.00
54)	1,2-Dichlorobenzene	-0.35	ND	2.00
55)	1,2,4-Trichlorobenzene	0.21	ND	20.00
56)	Hexachlorobutadiene	-0.47	ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	238464	216346	OK	7.10	7.06	OK
1,4-Difluorobenzene	902531	871860	OK	8.73	8.68	OK
Chlorobenzene-d5	447895	479354	OK	13.99	13.87	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.47	92.9
Toluene-d8	50	46.44	92.9
4-Bromofluorobenzene	50	47.77	95.5

Comments:

Foot Notes: F

1st Review: PNS 2/19/99

2nd Review:

MPB190217-3

Quanterra Air Toxics Lab

Sample Name:	CROFM-10L OHM -3	**Data Analyzed:**	19 Feb 1999 16:15
Misc. Info:	6.25ml 18708-868 TEDLAR BAG	**Method:**	MSB0219
Data Name:	B1181.D	**Shift Call.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	80

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)		ND	160.00
3)	Chloromethane	0.15	ND	320.00
4)	1,2-Cl-1,1,2,2-F ethane (114)	0.14	ND	160.00
5)	Vinyl Chloride		ND	160.00
6)	Bromomethane		ND	160.00
7)	Chloroethane		ND	320.00
8)	Trichlorofluoromethane (11)		ND	160.00
9)	1,1-Dichloroethene	0.06	ND	160.00
10)	Carbon Disulfide	-0.03	ND	800.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.05	15215.23	160.00
12)	Acetone	-0.12	ND	800.00
13)	Methylene Chloride		ND	160.00
14)	t-1,2-Dichloroethene		ND	160.00
15)	1,1-Dichloroethane		ND	160.00
16)	Vinyl Acetate	0.08	ND	800.00
17)	c-1,2-Dichloroethene		ND	160.00
18)	2-Butanone		ND	800.00
19)	Chloroform	0.41	ND	160.00
20)	1,1,1-Trichloroethane		ND	160.00
21)	Carbon Tetrachloride	0.01	ND	160.00
23)	Benzene	0.01	ND	160.00
25)	1,2-Dichloroethane		ND	160.00
26)	Trichloroethene	-0.03	ND	160.00
27)	1,2-Dichloropropane		ND	160.00
28)	Bromodichloromethane		ND	160.00
29)	c-1,3-Dichloropropene		ND	160.00
30)	4-Methyl-2-Pentanone	0.01	ND	800.00
32)	Toluene	0.02	ND	~~160.00~~ 400
34)	t-1,3-Dichloropropene		ND	160.00
35)	1,1,2-Trichloroethane		ND	160.00
36)	Tetrachloroethene		ND	160.00
37)	2-Hexanone		ND	2400.00
38)	Dibromochloromethane		ND	160.00
39)	1,2-Dibromoethane		ND	160.00
40)	Chlorobenzene	-0.04	ND	160.00
41)	Ethylbenzene	0.02	ND	160.00
42)	p,&m-Xylene	0.01	ND	160.00
43)	o-Xylene	-0.04	ND	160.00
44)	Styrene		ND	160.00
45)	Bromoform		ND	160.00

FEB 22'99 17:47 FR 714 258 0921 TO OHM-IRVINE P.10

Sample Name:	CROFM-101 OHM		**Data Analyzed:**	02/19/19 -1:6:
Misc. Info:	6.25ml 18708-868	TEDLAR	**Method:**	MSB0219
Data Name:	B1181.D		**Shift Cali.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\		**Dilution Factor:**	80

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane		ND	160.00
48)	Benzyl Chloride	0.32	ND	800.00
49)	4-Ethyl Toluene	-0.02	ND	160.00
50)	1,3,5-Trimethylbenzene	-0.24	ND	160.00
51)	1,2,4-Trimethylbenzene	-0.01	ND	160.00
52)	1,3-Dichlorobenzene	0.20	ND	160.00
53)	1,4-Dichlorobenzene	-0.03	ND	160.00
54)	1,2-Dichlorobenzene		ND	160.00
55)	1,2,4-Trichlorobenzene		ND	1600.00
56)	Hexachlorobutadiene		ND	320.00
	MTBE		ND	800

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	238464	241397	OK	7.10	7.07	OK
1,4-Difluorobenzene	902531	1068506	OK	8.73	8.71	OK
Chlorobenzene-d5	447895	544793	OK	13.99	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	45.11	90.2
Toluene-d8	50	51.72	103.4
4-Bromofluorobenzene	50	45.18	90.4

Comments:

Foot Notes:

1st Review: PN 2/19/99

2nd Review: [illegible] 2/22/99

Quanterra Air Toxics Lab

Sample Name:	CROFE102 OHM	**Data Analyzed:**	19 Feb 1999 16:53
Misc. Info:	500ml 18708-866 B190217-1 TED	**Method:**	MSB0219
Data Name:	B1182.D	**Shift Cali.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.36	ND	0.0099
3)	Chloromethan	0.02	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.06	ND	0.0112
9)	1,1-Dichloroethene	-0.27	ND	0.0079
10)	Carbon Disulfide	-0.08	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.06	ND	0.0153
12)	Acetone	-0.02	0.0274	0.0237
13)	Methylene Chloride	-0.04	0.0196	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.20	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.03	ND	0.0294
19)	Chloroform	0.12	ND	0.0097
20)	1,1,1-Trichloroethane	-0.01	ND	0.0109
21)	Carbon Tetrachloride	-0.01	ND	0.0126
23)	Benzene	-0.00	ND	0.0064
25)	1,2-Dichloroethane	-0.14	ND	0.0081
26)	Trichloroethene	-0.01	ND	0.0107
27)	1,2-Dichloropropane		ND	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.47	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.26	ND	0.0409
32)	Toluene	-0.08	0.0664	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.09	ND	0.0109
36)	Tetrachloroethene	-0.03	ND	0.0135
37)	2-Hexanone	0.01	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.01	ND	0.0092
41)	Ethylbenzene	-0.01	ND	0.0087
42)	p,&m-Xylene	0.01	0.0211	0.0087
43)	o-Xylene	0.02	ND	0.0087
44)	Styrene	0.01	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CROFE102 OHM	**Data Analyzed:**	02/19/19 -1:6:
Misc. Info:	500ml 18708-866 B190217-1	**Method:**	MSB0219
Data Name:	B1182.D	**Shift Call.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.32	ND	0.0137
48)	Benzyl Chloride	-0.09	ND	0.0518
49)	4-Ethyl Toluene	0.01	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.06	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.09	0.0105	0.0098
52)	1,3-Dichlorobenzene	0.12	ND	0.0120
53)	1,4-Dichlorobenzene	-0.07	ND	0.0120
54)	1,2-Dichlorobenzene	-0.37	ND	0.0120
55)	1,2,4-Trichlorobenzene	-0.01	ND	0.1481
56)	Hexachlorobutadiene	-0.50	ND	0.0426
	MTBE		ND	0.076

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	238464	231819	OK	7.10	7.05	OK
1,4-Difluorobenzene	902531	988068	OK	8.73	8.69	OK
Chlorobenzene-d5	447895	565828	OK	13.99	13.89	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	47.02	94.0
Toluene-d8	50	48.08	96.2
4-Bromofluorobenzene	50	55.30	110.6

Comments:

Foot Notes:

1st Review: PN 2/19/99 2nd Review 2/22/99

Quanterra Air Toxics Lab

Sample Name:	CROFK102 OHM	**Data Analyzed:**	19 Feb 1999 18:04
Misc. Info:	500ml 18708-867 B190217-2 TED	**Method:**	MSB0219
Data Name:	B1184.D	**Shift Call.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1	-0.38	ND	0.0099
3)	Chloromethan	-0.01	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)	0.07	ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethan		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)		ND	0.0112
9)	1,1-Dichloroethene	0.02	ND	0.0079
10)	Carbon Disulfide	-0.08	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.06	0.6684	0.0153
12)	Acetone	-0.03	0.0343 EY	0.0237
13)	Methylene Chloride	-0.05	0.0226	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	0.04	ND	0.0081
16)	Vinyl Acetate	0.21	ND	0.0351
17)	c-1,2-Dichloroethene	0.31	ND	0.0079
18)	2-Butanone	0.03	ND	0.0294
19)	Chloroform	0.08	ND	0.0097
20)	1,1,1-Trichloroethane	-0.02	ND	0.0109
21)	Carbon Tetrachloride	0.01	ND	0.0126
23)	Benzene	0.00	ND	0.0064
25)	1,2-Dichloroethane	0.17	ND	0.0081
26)	Trichloroethene	0.00	0.0167	0.0107
27)	1,2-Dichloropropane	-0.08	~~0.0114~~ ND KJ	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.38	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.28	ND	0.0409
32)	Toluene	-0.06	0.0655	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene	0.20	ND	0.0091
35)	1,1,2-Trichloroethane	-0.21	ND	0.0109
36)	Tetrachloroethene	-0.07	ND	0.0135
37)	2-Hexanone	0.07	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene	-0.03	ND	0.0092
41)	Ethylbenzene	-0.01	ND	0.0087
42)	p,&m-Xylene	0.01	0.0180	0.0087
43)	o-Xylene	0.00	ND	0.0087
44)	Styrene	0.06	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CROFK102 OHM	**Data Analyzed:**	02/19/19 -1:8:
Misc. Info:	500ml 18708-867 B190217-2	**Method:**	MSB0219
Data Name:	B1184.D	**Shift Cali.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.07	ND	0.0137
48)	Benzyl Chloride	0.02	ND	0.0518
49)	4-Ethyl Toluene	0.09	ND	0.0098
50)	1,3,5-Trimethylbenzene	-0.08	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.12	ND	0.0098
52)	1,3-Dichlorobenzene	0.13	ND	0.0120
53)	1,4-Dichlorobenzene	-0.09	ND	0.0120
54)	1,2-Dichlorobenzene	-0.35	ND	0.0120
55)	1,2,4-Trichlorobenzene	0.21	ND	0.1481
56)	Hexachlorobutadiene	-0.47	ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	238464	216346	OK	7.10	7.06	OK
1,4-Difluorobenzene	902531	871860	OK	8.73	8.68	OK
Chlorobenzene-d5	447895	479354	OK	13.99	13.87	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	46.47	92.9
Toluene-d8	50	46.44	92.9
4-Bromofluorobenzene	50	47.77	95.5

Comments:

Foot Notes:

1st Review: PN 2/19/99 2nd Review

-3

Quanterra Air Toxics Lab

-3

Sample Name:	CROFM-101 OHM	**Data Analyzed:**	19 Feb 1999 16:15
Misc. Info:	6.25ml 18708-868 TEDLAR BA	**Method:**	MSB0219
Data Name:	B1181.D	**Shift Cali.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	80

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (1		ND	0.7896
3)	Chloromethan	0.15	ND	0.6595
4)	1,2-Cl-1,1,2,2-F ethane (114)	0.14	ND	1.1162
5)	Vinyl Chloride		ND	0.4082
6)	Bromomethan		ND	0.6200
7)	Chloroethane		ND	0.8426
8)	Trichlorofluoromethane (11)		ND	0.8971
9)	1,1-Dichloroethene	0.06	ND	0.6331
10)	Carbon Disulfide	-0.03	ND	2.4864
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.05	116.3661	1.2237
12)	Acetone	-0.12	ND	1.8968
13)	Methylene Chloride		ND	0.5547
14)	t-1,2-Dichloroethene		ND	0.6331
15)	1,1-Dichloroethane		ND	0.6462
16)	Vinyl Acetate	0.08	ND	2.8112
17)	c-1,2-Dichloroethene		ND	0.6331
18)	2-Butanone		ND	2.3544
19)	Chloroform	0.41	ND	0.7797
20)	1,1,1-Trichloroethane		ND	0.8712
21)	Carbon Tetrachloride	0.01	ND	1.0045
23)	Benzene	0.01	ND	0.5101
25)	1,2-Dichloroethane		ND	0.6462
26)	Trichloroethene	-0.03	ND	0.8581
27)	1,2-Dichloropropane		ND	0.7379
28)	Bromodichloromethane		ND	1.0699
29)	c-1,3-Dichloropropene		ND	0.7246
30)	4-Methyl-2-Pentanone	0.01	ND	3.2704
32)	Toluene	0.02	ND	~~0.6018~~ 1.504
34)	t-1,3-Dichloropropene		ND	0.7246
35)	1,1,2-Trichloroethane		ND	0.8712
36)	Tetrachloroethene		ND	1.0830
37)	2-Hexanone		ND	9.8112
38)	Dibromochloromethane		ND	1.3603
39)	1,2-Dibromoethane		ND	1.2269
40)	Chlorobenzene	-0.04	ND	0.7350
41)	Ethylbenzene	0.02	ND	0.6933
42)	p,&m-Xylene	0.01	ND	0.6933
43)	o-Xylene	-0.04	ND	0.6933
44)	Styrene		ND	0.6802
45)	Bromoform		ND	1.6506

Sample Name:	CROFM-101 OHM	**Data Analyzed:**	02/19/19 -1:6:
Misc. Info:	6.25ml 18708-868 TEDLAR	**Method:**	MSB0219
Data Name:	B1181.D	**Shift Call.File:**	CC02191.D
Data Path:	d:\gcmsb\990215\	**Dilution Factor:**	80

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	1.0962
48)	Benzyl Chloride	0.32	ND	4.1408
49)	4-Ethyl Toluene	-0.02	ND	0.7850
50)	1,3,5-Trimethylbenzene	-0.24	ND	0.7850
51)	1,2,4-Trimethylbenzene	-0.01	ND	0.7850
52)	1,3-Dichlorobenzene	0.20	ND	0.9600
53)	1,4-Dichlorobenzene	-0.03	ND	0.9600
54)	1,2-Dichlorobenzene		ND	0.9600
55)	1,2,4-Trichlorobenzene		ND	11.8496
56)	Hexachlorobutadiene		ND	3.4058
	MTBE		ND	2.88

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	238464	241397	OK	7.10	7.07	OK
1,4-Difluorobenzene	902531	1068506	OK	8.73	8.71	OK
Chlorobenzene-d5	447895	544793	OK	13.99	14.00	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	45.11	90.2
Toluene-d8	50	51.72	103.4
4-Bromofluorobenzene	50	45.18	90.4

Comments:

Foot Notes:

1st Review: PM 2/19/99 2nd Review 2/22/99

TCE update on 18708-853

COMPLETED RW 2-26 (R) 3/1/99

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

217184

$6137

FORM 0019 REV. 2-97

OHM's LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
Hilliard Williams	949-660-5300	949-475-5433	MQB170222	MARIA JONES	IT GROUP
PROJECT NAME	**PROJECT LOCATION**	**PROJECT NUMBER**	**LABORATORY PHONE**	**LABORATORY FAX**	**RECIPIENT NAME**
SOIL GAS @ SITE 24	MCAS EL TORO	18708	714-258-8610		DWAYNE ISHIDA
PROJECT CONTACT	**PROJECT PHONE NUMBER**	**PROJECT FAX**	**LABORATORY ADDRESS**		**ADDRESS**
—	—	—	QUANTERRA		3347 MICHELSON DR. STE 200
PROJECT ADDRESS	**CITY, STATE AND ZIPCODE**	**CLIENT**	**CITY, STATE, AND ZIPCODE**		**CITY, STATE, AND ZIPCODE**
MCAS EL TORO	SANTA ANA CA	LYNN ARNECKER SWDIV	SANTA ANA CA.		IRVINE CA
PROJECT MANAGER	**PROJECT MANAGER'S PHONE**	**PROJECT MANAGER'S FAX**			
BILL SEDLAK	949-660-5300	949-475-5433			

ANANZE'A DAGFET

Item	Sample Identifier	Matrix	Date 1999	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses TO-14	Analyses HVOC-CONFIRMATION	Comments
1	18708-850	VAPOR	2-17	0820	–	1	III	24HR		X	ANALYZE ONLY IF 18708-~~852~~ 851 IS DETECTED FOR TCE (R) 2/18/99
2	18708-851	VAPOR	2-17	0830	–	2	III	24HR	X	~~X~~ (R) 2/18/99	~~ANALYZE ONLY IF 18708-852 IS DETECTED FOR TCE~~ (R) 2/18/99
3	18708-852	VAPOR	2-17	0850	–	3	III	24HR	X		
4	18708-853	VAPOR	2-17	1025	–	3	III	24HR	X		
5	18708-854	VAPOR	2-17	1110	–	2	III	24HR		X	ANALYZE ONLY IF 18708-~~855~~ 854 IS DETECTED FOR TCE (R) 2/18/99
6	18708-855	VAPOR	2-17	1140	–	3	III	24HR	X		
7	~~18708-856~~	~~VAPOR~~	~~DAR~~								
8											
9											
10											

SAMPLES COLLECTED BY CRAIG PARRISH

COURIER AND AIR BILL NUMBER COURIER

COOLER TEMPERATURE UPON RECEIPT

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[signature]	[signature]	2/17/99	4	

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

$6137

Sample Point Location	Sample Type G	C	F	QC
1. AMBIENT W/O TUBING	X			X
2. AMBIENT, W/TUBING TUBING # 021699A	X			X
3. 48' BGS $6137	X			
4. 76' BGS $6137	X			
5. AMBIENT W/TUBING TUBING # 021099A	X			X
6. 97' BGS $6137	X			

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

EXECUTIVE SUMMARY - Detection Highlights

M9B170222

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
18708-851 02/17/99 08:30 002				
1,3-Dichlorobenzene	17	2.0	ppb(v/v)	EPA-2 TO-14
Acetone	13	10	ppb(v/v)	EPA-2 TO-14
Methylene chloride	3.4	2.0	ppb(v/v)	EPA-2 TO-14
Xylenes (total)	4.9	2.0	ppb(v/v)	EPA-2 TO-14
1,3-Dichlorobenzene	0.10	0.012	ug/L	EPA-2 TO-14
Acetone	0.031	0.024	ug/L	EPA-2 TO-14
Methylene chloride	0.012	0.0069	ug/L	EPA-2 TO-14
Xylenes (total)	0.021	0.0087	ug/L	EPA-2 TO-14
18708-852 02/17/99 08:50 003				
1,3-Dichlorobenzene	2.9	2.0	ppb(v/v)	EPA-2 TO-14
Methylene chloride	2.0	2.0	ppb(v/v)	EPA-2 TO-14
Xylenes (total)	2.5	2.0	ppb(v/v)	EPA-2 TO-14
1,3-Dichlorobenzene	0.017	0.012	ug/L	EPA-2 TO-14
Methylene chloride	0.0070	0.0069	ug/L	EPA-2 TO-14
Xylenes (total)	0.011	0.0087	ug/L	EPA-2 TO-14
18708-853 02/17/99 10:25 004				
1,1,2-Trichloro-1,2,2-trifluoroethane	62000	400	ppb(v/v)	EPA-2 TO-14
Trichloroethene	84 D	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	470	3.0	ug/L	EPA-2 TO-14
Trichloroethene	0.45 D	0.011	ug/L	EPA-2 TO-14
18708-855 02/17/99 11:40 006				
1,1,2-Trichloro-1,2,2-trifluoroethane	14	2.0	ppb(v/v)	EPA-2 TO-14
1,2,4-Trimethylbenzene	31	2.0	ppb(v/v)	EPA-2 TO-14
1,3,5-Trimethylbenzene	21	2.0	ppb(v/v)	EPA-2 TO-14
4-Ethyltoluene	32	2.0	ppb(v/v)	EPA-2 TO-14
Ethylbenzene	2.6	2.0	ppb(v/v)	EPA-2 TO-14
Xylenes (total)	16	2.0	ppb(v/v)	EPA-2 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	0.10	0.015	ug/L	EPA-2 TO-14
1,2,4-Trimethylbenzene	0.15	0.0098	ug/L	EPA-2 TO-14
1,3,5-Trimethylbenzene	0.10	0.0098	ug/L	EPA-2 TO-14
4-Ethyltoluene	0.16	0.0098	ug/L	EPA-2 TO-14
Ethylbenzene	0.012	0.0087	ug/L	EPA-2 TO-14
Xylenes (total)	0.071	0.0087	ug/L	EPA-2 TO-14

IT Group

Client Sample ID: 18708-851

GC/MS Volatiles

Lot-Sample #...:	M9B170222-002	Work Order #...:	CQVTP102	Matrix.....:	AIR
Date Sampled...:	02/17/99 08:30	Date Received..:	02/17/99		
Prep Date.....:	02/18/99	Analysis Date..:	02/18/99		
Prep Batch #...:	9049356	Analysis Time..:	13:48		
Dilution Factor:	1				
Analyst ID.....:	341569	Instrument ID..:	MSA		
		Method.....:	EPA-2 TO-14		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	17	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Acetone	13	10	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Chlorobenzene	ND	2.0	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

(Continued on next page)

IT Group

Client Sample ID: 18708-851

GC/MS Volatiles

Lot-Sample #...: M9B170222-002 Work Order #...: CQVTP102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methylene chloride	3.4	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Xylenes (total)	4.9	2.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

THR 11/99 08:25 FR WOHNIERKH-INDUSTRY 626 965 7605 TO UHM-IRVINE P.05

IT Group

Client Sample ID: 18708-851

GC/MS Volatiles

Lot-Sample #...: M9B170222-002 Work Order #...: CQVTP101 Matrix.....: AIR
Date Sampled...: 02/17/99 08:30 Date Received..: 02/17/99
Prep Date.....: 02/18/99 Analysis Date..: 02/18/99
Prep Batch #...: 9049366 Analysis Time..: 13:48
Dilution Factor: 1
Analyst ID.....: 341569 Instrument ID..: MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.011	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	**0.10**	**0.012**	**ug/L**
1,4-Dichlorobenzene	ND	0.012	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
2-Hexanone	ND	0.12	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Acetone	**0.031**	**0.024**	**ug/L**
Benzene	ND	0.0064	ug/L
Benzyl chloride	ND	0.052	ug/L
Bromodichloromethane	ND	0.013	ug/L
Bromoform	ND	0.021	ug/L
Bromomethane	ND	0.0078	ug/L
Carbon disulfide	ND	0.031	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Chlorobenzene	ND	0.0092	ug/L
Dibromochloromethane	ND	0.017	ug/L
Chloroethane	ND	0.011	ug/L
Chloroform	ND	0.0097	ug/L
Chloromethane	ND	0.0082	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

(Continued on next page)

MAR 17'99 08:25 FR WOHNIERKH-INDUSTRY 626 965 7605 TO OHM-TRVINE P.06

IT Group

Client Sample ID: 18708-851

GC/MS Volatiles

Lot-Sample #...: M9B170222-002 Work Order #...: CQVTP101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.0091	ug/L
Dichlorodifluoromethane	ND	0.0099	ug/L
Ethylbenzene	ND	0.0087	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methylene chloride	0.012	0.0069	ug/L
Styrene	ND	0.0085	ug/L
Tetrachloroethene	ND	0.014	ug/L
Toluene	ND	0.019	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
Trichloroethene	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
Vinyl acetate	ND	0.035	ug/L
Vinyl chloride	ND	0.0051	ug/L
Xylenes (total)	0.021	0.0087	ug/L
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT Group

Client Sample ID: 18708-852

GC/MS Volatiles

Lot-Sample #...:	M9B170222-003	Work Order #...:	CQVTQ102	Matrix.....:	AIR
Date Sampled...:	02/17/99 08:50	Date Received..:	02/17/99		
Prep Date.....:	02/17/99	Analysis Date..:	02/17/99		
Prep Batch #...:	9049263	Analysis Time..:	18:08		
Dilution Factor:	1				
Analyst ID.....:	341569	Instrument ID..:	MSB		
		Method.....:	EPA-2 TO-14		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
1,2,4-Trimethylbenzene	ND	2.0	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	ND	2.0	ppb(v/v)
1,3-Dichlorobenzene	**2.9**	**2.0**	**ppb(v/v)**
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
4-Ethyltoluene	ND	2.0	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Chlorobenzene	ND	2.0	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

(Continued on next page)

IT Group

Client Sample ID: 18708-852

GC/MS Volatiles

Lot-Sample #...: M9B170222-003 Work Order #...: CQVTQ102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Ethylbenzene	ND	2.0	ppb(v/v)
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methylene chloride	2.0	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Xylenes (total)	2.5	2.0	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT Group

Client Sample ID: 18708-852

GC/MS Volatiles

Lot-Sample #...:	M9B170222-003	Work Order #...:	CQVTQ101	Matrix.....:	AIR
Date Sampled...:	02/17/99 08:50	Date Received..:	02/17/99		
Prep Date.....:	02/17/99	Analysis Date..:	02/17/99		
Prep Batch #...:	9049261	Analysis Time..:	18:08		
Dilution Factor:	1				
Analyst ID.....:	341569	Instrument ID..:	MSB		
		Method.....:	EPA-2 TO-14		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.011	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.015	ug/L
1,1,2-Trichloroethane	ND	0.011	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
1,2,4-Trimethylbenzene	ND	0.0098	ug/L
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
1,3,5-Trimethylbenzene	ND	0.0098	ug/L
1,3-Dichlorobenzene	**0.017**	**0.012**	**ug/L**
1,4-Dichlorobenzene	ND	0.012	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
2-Hexanone	ND	0.12	ug/L
4-Ethyltoluene	ND	0.0098	ug/L
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Acetone	ND	0.024	ug/L
Benzene	ND	0.0064	ug/L
Benzyl chloride	ND	0.052	ug/L
Bromodichloromethane	ND	0.013	ug/L
Bromoform	ND	0.021	ug/L
Bromomethane	ND	0.0078	ug/L
Carbon disulfide	ND	0.031	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Chlorobenzene	ND	0.0092	ug/L
Dibromochloromethane	ND	0.017	ug/L
Chloroethane	ND	0.011	ug/L
Chloroform	ND	0.0097	ug/L
Chloromethane	ND	0.0082	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

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IT Group

Client Sample ID: 18708-852

GC/MS Volatiles

Lot-Sample #...: M9B170222-003 Work Order #...: CQVTQ101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.0091	ug/L
Dichlorodifluoromethane	ND	0.0099	ug/L
Ethylbenzene	ND	0.0087	ug/L
Hexachlorobutadiene	ND	0.043	ug/L
Methylene chloride	**0.0070**	**0.0069**	**ug/L**
Styrene	ND	0.0085	ug/L
Tetrachloroethene	ND	0.014	ug/L
Toluene	ND	0.019	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
Trichloroethene	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
Vinyl acetate	ND	0.035	ug/L
Vinyl chloride	ND	0.0051	ug/L
Xylenes (total)	**0.011**	**0.0087**	**ug/L**
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

IT Group

Client Sample ID: 18708-853

GC/MS Volatiles

Lot-Sample #...: M9B170222-004 Work Order #...: CQVTR102 Matrix.....: AIR
Date Sampled...: 02/17/99 10:25 Date Received..: 02/17/99
Prep Date.....: 02/18/99 Analysis Date..: 02/18/99
Prep Batch #...: 9049356 Analysis Time..: 13:17
Dilution Factor: 200
Analyst ID.....: 341569 Instrument ID..: MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	400	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	400	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	62000	400	ppb(v/v)
1,1,2-Trichloroethane	ND	400	ppb(v/v)
1,1-Dichloroethane	ND	400	ppb(v/v)
1,1-Dichloroethene	ND	400	ppb(v/v)
1,2,4-Trichlorobenzene	ND	4000	ppb(v/v)
1,2,4-Trimethylbenzene	ND	400	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	400	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	400	ppb(v/v)
1,2-Dichlorobenzene	ND	400	ppb(v/v)
1,2-Dichloroethane	ND	400	ppb(v/v)
1,2-Dichloropropane	ND	400	ppb(v/v)
1,3,5-Trimethylbenzene	ND	400	ppb(v/v)
1,3-Dichlorobenzene	ND	400	ppb(v/v)
1,4-Dichlorobenzene	ND	400	ppb(v/v)
2-Butanone (MEK)	ND	2000	ppb(v/v)
2-Hexanone	ND	6000	ppb(v/v)
4-Ethyltoluene	ND	400	ppb(v/v)
4-Methyl-2-pentanone (MIBK)	ND	2000	ppb(v/v)
Acetone	ND	2000	ppb(v/v)
Benzene	ND	400	ppb(v/v)
Benzyl chloride	ND	2000	ppb(v/v)
Bromodichloromethane	ND	400	ppb(v/v)
Bromoform	ND	400	ppb(v/v)
Bromomethane	ND	400	ppb(v/v)
Carbon disulfide	ND	2000	ppb(v/v)
Carbon tetrachloride	ND	400	ppb(v/v)
Chlorobenzene	ND	400	ppb(v/v)
Dibromochloromethane	ND	400	ppb(v/v)
Chloroethane	ND	800	ppb(v/v)
Chloroform	ND	400	ppb(v/v)
Chloromethane	ND	800	ppb(v/v)
cis-1,2-Dichloroethene	ND	400	ppb(v/v)

(Continued on next page)

IT Group

Client Sample ID: 18708-853

GC/MS Volatiles

Lot-Sample #...: M9B170222-004 Work Order #...: CQVTR102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	400	ppb(v/v)
Dichlorodifluoromethane	ND	400	ppb(v/v)
Ethylbenzene	ND	400	ppb(v/v)
Hexachlorobutadiene	ND	800	ppb(v/v)
Methylene chloride	ND	400	ppb(v/v)
Styrene	ND	400	ppb(v/v)
Tetrachloroethene	ND	400	ppb(v/v)
Toluene	ND	1000	ppb(v/v)
trans-1,2-Dichloroethene	ND	400	ppb(v/v)
trans-1,3-Dichloropropene	ND	400	ppb(v/v)
Trichloroethene	84 D	2.0	ppb(v/v)
Trichlorofluoromethane	ND	400	ppb(v/v)
Vinyl acetate	ND	2000	ppb(v/v)
Vinyl chloride	ND	400	ppb(v/v)
Xylenes (total)	ND	400	ppb(v/v)
Methyl tert-butyl ether (MTBE)	ND	2000	ppb(v/v)

NOTE(S):

D Result was obtained from the analysis of a dilution.

F - Reported value estimated due to an interference.

G - Elevated reporting limits. The reporting limits are elevated due to matrix interference.

IT Group

Client Sample ID: 18708-853

GC/MS Volatiles

Lot-Sample #...: M9B170222-004 Work Order #...: CQVTR101 Matrix.....: AIR
Date Sampled...: 02/17/99 10:25 Date Received..: 02/17/99
Prep Date.....: 02/18/99 Analysis Date..: 02/18/99
Prep Batch #...: 9049366 Analysis Time..: 13:17
Dilution Factor: 200
Analyst ID.....: 341569 Instrument ID..: MSA
Method.....: EPA-2 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	2.2	ug/L
1,1,2,2-Tetrachloroethane	ND	2.8	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	470	3.0	ug/L
1,1,2-Trichloroethane	ND	2.2	ug/L
1,1-Dichloroethane	ND	1.6	ug/L
1,1-Dichloroethene	ND	1.6	ug/L
1,2,4-Trichlorobenzene	ND	30	ug/L
1,2,4-Trimethylbenzene	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	3.0	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.8	ug/L
1,2-Dichlorobenzene	ND	2.4	ug/L
1,2-Dichloroethane	ND	1.6	ug/L
1,2-Dichloropropane	ND	1.8	ug/L
1,3,5-Trimethylbenzene	ND	2.0	ug/L
1,3-Dichlorobenzene	ND	2.4	ug/L
1,4-Dichlorobenzene	ND	2.4	ug/L
2-Butanone (MEK)	ND	5.8	ug/L
2-Hexanone	ND	24	ug/L
4-Ethyltoluene	ND	2.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	8.2	ug/L
Acetone	ND	4.8	ug/L
Benzene	ND	1.3	ug/L
Benzyl chloride	ND	10	ug/L
Bromodichloromethane	ND	2.6	ug/L
Bromoform	ND	4.2	ug/L
Bromomethane	ND	1.6	ug/L
Carbon disulfide	ND	6.2	ug/L
Carbon tetrachloride	ND	2.6	ug/L
Chlorobenzene	ND	1.8	ug/L
Dibromochloromethane	ND	3.4	ug/L
Chloroethane	ND	2.2	ug/L
Chloroform	ND	1.9	ug/L
Chloromethane	ND	1.6	ug/L
cis-1,2-Dichloroethene	ND	1.6	ug/L

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IT Group

Client Sample ID: 18708-853

GC/MS Volatiles

Lot-Sample #...: M9B170222-004 Work Order #...: CQVTR101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	1.8	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
Ethylbenzene	ND	1.7	ug/L
Hexachlorobutadiene	ND	8.6	ug/L
Methylene chloride	ND	1.4	ug/L
Styrene	ND	1.7	ug/L
Tetrachloroethene	ND	2.8	ug/L
Toluene	ND	3.8	ug/L
trans-1,2-Dichloroethene	ND	1.6	ug/L
trans-1,3-Dichloropropene	ND	1.8	ug/L
Trichloroethene	**0.45 D**	**0.011**	**ug/L**
Trichlorofluoromethane	ND	2.2	ug/L
Vinyl acetate	ND	7.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	1.7	ug/L
Methyl tert-butyl ether (MTBE)	ND	7.2	ug/L

NOTE(S):

D Result was obtained from the analysis of a dilution.

F - Reported value estimated due to an interference.

G - Elevated reporting limits. The reporting limits are elevated due to matrix interference.

MAR 1/7/99 08:27 FAX WOHNIERKH-INDUSTRY 626 965 7605 TO OHM-TRVINE P.15

IT Group

Client Sample ID: 18708-855

GC/MS Volatiles

Lot-Sample #...:	M9B170222-006	**Work Order #...:**	CQVTV102	**Matrix.....:**	AIR
Date Sampled...:	02/17/99 11:40	**Date Received..:**	02/17/99		
Prep Date.....:	02/17/99	**Analysis Date..:**	02/17/99		
Prep Batch #...:	9049263	**Analysis Time..:**	18:36		
Dilution Factor:	1				
Analyst ID.....:	341569	**Instrument ID..:**	MSB		
		Method.....:	EPA-2 TO-14		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	2.0	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	2.0	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	**14**	**2.0**	**ppb(v/v)**
1,1,2-Trichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethane	ND	2.0	ppb(v/v)
1,1-Dichloroethene	ND	2.0	ppb(v/v)
1,2,4-Trichlorobenzene	ND	20	ppb(v/v)
1,2,4-Trimethylbenzene	**31**	**2.0**	**ppb(v/v)**
1,2-Dibromoethane (EDB)	ND	2.0	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ppb(v/v)
1,2-Dichlorobenzene	ND	2.0	ppb(v/v)
1,2-Dichloroethane	ND	2.0	ppb(v/v)
1,2-Dichloropropane	ND	2.0	ppb(v/v)
1,3,5-Trimethylbenzene	**21**	**2.0**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	2.0	ppb(v/v)
1,4-Dichlorobenzene	ND	2.0	ppb(v/v)
2-Butanone (MEK)	ND	10	ppb(v/v)
2-Hexanone	ND	30	ppb(v/v)
4-Ethyltoluene	**32**	**2.0**	**ppb(v/v)**
4-Methyl-2-pentanone (MIBK)	ND	10	ppb(v/v)
Acetone	ND	10	ppb(v/v)
Benzene	ND	2.0	ppb(v/v)
Benzyl chloride	ND	10	ppb(v/v)
Bromodichloromethane	ND	2.0	ppb(v/v)
Bromoform	ND	2.0	ppb(v/v)
Bromomethane	ND	2.0	ppb(v/v)
Carbon disulfide	ND	10	ppb(v/v)
Carbon tetrachloride	ND	2.0	ppb(v/v)
Chlorobenzene	ND	2.0	ppb(v/v)
Dibromochloromethane	ND	2.0	ppb(v/v)
Chloroethane	ND	4.0	ppb(v/v)
Chloroform	ND	2.0	ppb(v/v)
Chloromethane	ND	4.0	ppb(v/v)
cis-1,2-Dichloroethene	ND	2.0	ppb(v/v)

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IT Group

Client Sample ID: 18708-855

GC/MS Volatiles

Lot-Sample #...: M9B170222-006 Work Order #...: CQVTV102 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Dichlorodifluoromethane	ND	2.0	ppb(v/v)
Ethylbenzene	**2.6**	**2.0**	**ppb(v/v)**
Hexachlorobutadiene	ND	4.0	ppb(v/v)
Methylene chloride	ND	2.0	ppb(v/v)
Styrene	ND	2.0	ppb(v/v)
Tetrachloroethene	ND	2.0	ppb(v/v)
Toluene	ND	5.0	ppb(v/v)
trans-1,2-Dichloroethene	ND	2.0	ppb(v/v)
trans-1,3-Dichloropropene	ND	2.0	ppb(v/v)
Trichloroethene	ND	2.0	ppb(v/v)
Trichlorofluoromethane	ND	2.0	ppb(v/v)
Vinyl acetate	ND	10	ppb(v/v)
Vinyl chloride	ND	2.0	ppb(v/v)
Xylenes (total)	**16**	**2.0**	**ppb(v/v)**
Methyl tert-butyl ether (MTBE)	ND	10	ppb(v/v)

IT Group

Client Sample ID: 18708-855

GC/MS Volatiles

Lot-Sample #...:	M9B170222-006	Work Order #...:	CQVTV101	Matrix.....:	AIR
Date Sampled...:	02/17/99 11:40	Date Received..:	02/17/99		
Prep Date.....:	02/17/99	Analysis Date..:	02/17/99		
Prep Batch #...:	9049261	Analysis Time..:	18:36		
Dilution Factor:	1				
Analyst ID.....:	341569	Instrument ID..:	MSB		
		Method.....:	EPA-2 TO-14		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,1-Trichloroethane	ND	0.011	ug/L
1,1,2,2-Tetrachloroethane	ND	0.014	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	**0.10**	**0.015**	**ug/L**
1,1,2-Trichloroethane	ND	0.011	ug/L
1,1-Dichloroethane	ND	0.0081	ug/L
1,1-Dichloroethene	ND	0.0079	ug/L
1,2,4-Trichlorobenzene	ND	0.15	ug/L
1,2,4-Trimethylbenzene	**0.15**	**0.0098**	**ug/L**
1,2-Dibromoethane (EDB)	ND	0.015	ug/L
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.014	ug/L
1,2-Dichlorobenzene	ND	0.012	ug/L
1,2-Dichloroethane	ND	0.0081	ug/L
1,2-Dichloropropane	ND	0.0092	ug/L
1,3,5-Trimethylbenzene	**0.10**	**0.0098**	**ug/L**
1,3-Dichlorobenzene	ND	0.012	ug/L
1,4-Dichlorobenzene	ND	0.012	ug/L
2-Butanone (MEK)	ND	0.029	ug/L
2-Hexanone	ND	0.12	ug/L
4-Ethyltoluene	**0.16**	**0.0098**	**ug/L**
4-Methyl-2-pentanone (MIBK)	ND	0.041	ug/L
Acetone	ND	0.024	ug/L
Benzene	ND	0.0064	ug/L
Benzyl chloride	ND	0.052	ug/L
Bromodichloromethane	ND	0.013	ug/L
Bromoform	ND	0.021	ug/L
Bromomethane	ND	0.0078	ug/L
Carbon disulfide	ND	0.031	ug/L
Carbon tetrachloride	ND	0.013	ug/L
Chlorobenzene	ND	0.0092	ug/L
Dibromochloromethane	ND	0.017	ug/L
Chloroethane	ND	0.011	ug/L
Chloroform	ND	0.0097	ug/L
Chloromethane	ND	0.0082	ug/L
cis-1,2-Dichloroethene	ND	0.0079	ug/L

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IT Group

Client Sample ID: 18708-855

GC/MS Volatiles

Lot-Sample #...: M9B170222-006 Work Order #...: CQVTV101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
cis-1,3-Dichloropropene	ND	0.0091	ug/L
Dichlorodifluoromethane	ND	0.0099	ug/L
Ethylbenzene	**0.012**	**0.0087**	**ug/L**
Hexachlorobutadiene	ND	0.043	ug/L
Methylene chloride	ND	0.0069	ug/L
Styrene	ND	0.0085	ug/L
Tetrachloroethene	ND	0.014	ug/L
Toluene	ND	0.019	ug/L
trans-1,2-Dichloroethene	ND	0.0079	ug/L
trans-1,3-Dichloropropene	ND	0.0091	ug/L
Trichloroethene	ND	0.011	ug/L
Trichlorofluoromethane	ND	0.011	ug/L
Vinyl acetate	ND	0.035	ug/L
Vinyl chloride	ND	0.0051	ug/L
Xylenes (total)	**0.071**	**0.0087**	**ug/L**
Methyl tert-butyl ether (MTBE)	ND	0.036	ug/L

24SG120	Sample Number	18708-870	18708-871	18708-872	18708-873	18708-874	18708-875	18708-876
	Date Sampled	2/19/99	2/19/99	2/19/99	2/19/99	2/19/99	2/19/99	2/19/99
	Sample Location	Ambient (021899A)	Ambient (vaccum box)	51.5'	74.5'	Ambient (021899B)	96'	96' (duplicate)
Analytes	Unit							
Dichlorodifluoromethane	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ppbv (ug/L)	ND	ND	28.6 (0.11)	ND	ND	ND	200 (0.79)
1,1,2-Trichloro-1,2,2-trifluoroethane	ppbv (ug/L)	ND	ND	104 (0.8)	ND	ND	12.4 (0.095)	1529 (12)
Acetone	ppbv (ug/L)	ND	ND	17.6J (0.042J)	ND	12.8 (0.03)	13.6 (0.032)	ND
Methylene Chloride	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND
MTBE	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND
Chloroform	ppbv (ug/L)	ND	ND	27.2J (0.13J)	ND	ND	ND	51.3 (0.25)
1,1,1-Trichloroethene	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ppbv (ug/L)	ND	ND	11.1 (0.07)	ND	ND	ND	99.7 (0.63)
Benzene	ppbv (ug/L)	ND	ND	3.9J (0.012J)	ND	ND	ND	ND
1,2-Dichloroethane	ppbv (ug/L)	ND	ND	2.5J (ND)	ND	ND	ND	ND
Trichloroethene	ppbv (ug/L)	2.1 (0.012)	ND	64 (0.34)	ND	3.1 (0.017)	ND	199 (1.1)
Toluene	ppbv (ug/L)	32.6 (0.12)	ND	28.8 (0.11)	14.4 (0.054)	49.8 (0.19)	25.9 (0.097)	ND
1,1,2-Trichloroethane	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ppbv (ug/L)	ND	ND	2.2 (0.015)	ND	2.3 (0.016)	ND	ND
Ethylbenzene	ppbv (ug/L)	ND	ND	ND	ND	2 (0.009)	ND	ND
Xylenes	ppbv (ug/L)	4.9 (0.021)	ND	3.2 (0.014)	2.3 (0.01)	5.6 (0.024)	3.7 (0.016)	ND
4-Ethyltoluene	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ppbv (ug/L)	15.2 (0.091)	ND	11.5 (0.07)	2.2 (0.013)	14.3 (0.086)	4.5 (0.027)	ND
1,3,5-Trimethylbenzene	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ppbv (ug/L)	ND	ND	ND	ND	ND	ND	ND

OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY
222412
FORM 0019 REV. 2-97

LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
Gary Tinnit Williams	(949) 660-5300	(949) 475-5433	M9B190219	Maria Jones	OHM Remediation

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
MCAS CH-HE 24	MCAS El Toro	18708	(941) 358-8610		Dwayne Ishida

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
Gary Tinnit-Williams	(949) 660-5300	(949) 475-5433	Quanterra	3347 Michelson Dr, Ste 200

PROJECT ADDRESS	CITY, STATE AND ZIPCODE	CLIENT	CITY, STATE AND ZIPCODE	CITY, STATE, AND ZIPCODE
MCAS El Toro	Santa Ana CA	Lynn Hornecker, SW Div.	Santa Ana CA	Irvine CA

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
Al Sedlak	(949) 660-5300	(949) 475-5433

Analyze 'A' Bag First

Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: TO-14	Non-Conformal							Comments
18708-870	Vapor	2/19/99	0900	Ambient	2	III	24 hr.	X								
18708-871	Vapor	2/19/99	0905	Ambient	1	III	24 hr.		X							Analyze only if TCE is detected in 18708-870
18708-872	Vapor	2/19/99	0930	Ambient	3	III	24 hr.	X								
18708-873	Vapor	2/19/99	1030	Ambient	3	III	24 hr.	X								
18708-874	Vapor	2/19/99	1115	Ambient	2	III	24 hr.		X							Analyze only if TCE is detected in 18708-870
18708-875	Vapor	2/19/99	1140	Ambient	3	III	24 hr.	X								
18708-876	Vapor	2/19/99	1145	Ambient	2	IV	24 hr.	X								

Finley 2/19/99

SAMPLES COLLECTED BY	COURIER AND AIR BILL NUMBER				COOLER TEMPERATURE UPON RECEIPT:
Linda Finley					
RELINQUISHED BY	**RECEIVED BY**	**DATE**	**TIME**	**SAMPLE'S CONDITION UPON RECEIPT**	
Linda Finley	[illegible]	2/19/99	1407		

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

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

Sample Point Location	Sample Type: G	C	F	QC
1. 24SG120 - Amb w/tubing (021899A)	X		X	X
2. 24SG120 - Amb w/o tubing	X		X	X
3. 24SG120 - @ 51.5'	X		X	
4. 24SG120 @ 74.5'	X		X	
5. 24SG120 - Amb w/tubing (021899B)	X		X	X
6. 24SG120 - @ 96'	X		X	
7. 24SG120 - @ 96' (Duplicate)	X		X	X

Comments

Soil Gas - SG120 @ Site 24

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

M9B190219-1

Quanterra Air Toxics Lab

Sample Name:	CR0G0102 OHM	**Data Analyzed:**	19 Feb 1999 17:00
Misc. Info:	500 ML 18708-870 TEDLAR	**Method:**	MSA0219
Data Name:	A2154.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	0.01	ND	2.00
3)	Chloromethane	0.03	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.02	ND	2.00
9)	1,1-Dichloroethene		ND	2.00
10)	Carbon Disulfide	0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	ND	2.00
12)	Acetone	0.00	ND	10.00
13)	Methylene Chloride	0.02	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.21	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.03	ND	10.00
1)	Chloroform	-0.11	ND	2.00
0)	1,1,1-Trichloroethane		ND	2.00
21)	Carbon Tetrachloride	-0.03	ND	2.00
23)	Benzene	0.02	ND	2.00
25)	1,2-Dichloroethane	-0.01	ND	2.00
26)	Trichloroethene	-0.01	2.14	2.00
27)	1,2-Dichloropropane	-0.13	No ~~6.07~~ RT, MS	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	-0.31	ND	2.00
30)	4-Methyl-2-Pentanone	-0.42	ND	10.00
32)	Toluene	-0.09	32.58	~~2.00~~ S
34)	t-1,3-Dichloropropane		ND	2.00
35)	1,1,2-Trichloroethane	0.39	ND	2.00
36)	Tetrachloroethene	-0.02	ND	2.00
37)	2-Hexanone	-0.18	ND	30.00
38)	Dibromochloromethane	-0.25	ND	2.00
39)	1,2-Dibromoethane	-0.27	ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.02	ND	2.00
42)	p,&m-Xylene	0.03	4.93	2.00
43)	o-Xylene	0.01	ND	2.00
44)	Styrene	-0.00	ND	2.00
45)	Bromoform		ND	2.00

FEB 22'99 18:01 FR 714 258 0921 TO OHM-IRVINE P.02

Sample Name:	CR0G0102 OHM	**Data Analyzed:**	02/19/19 -1:7:
Misc. Info:	500 ML 18708-870 TEDLAR	**Method:**	MSA0219
Data Name:	A2154.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.15	ND	2.00
48)	Benzyl Chloride	0.27	ND	10.00
49)	4-Ethyl Toluene	0.11	ND	2.00
50)	1,3,5-Trimethylbenzene	0.41	ND ~~2.60~~ RT.	2.00
51)	1,2,4-Trimethylbenzene	0.22	ND	2.00
52)	1,3-Dichlorobenzene	0.20	15.23	2.00
53)	1,4-Dichlorobenzene	0.05	ND ~~12.67~~ RT.	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene		ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	141960	OK	7.48	7.54	OK
1,4-Difluorobenzene	896155	814661	OK	9.19	9.23	OK
Chlorobenzene-d5	436678	393646	OK	14.66	14.52	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.91	107.8
Toluene-d8	50	52.42	104.8
4-Bromofluorobenzene	50	49.01	98.0

Comments:

Foot Notes:

1st Review: LR 2/19/99

2nd Review: PN 2/22/99

FEB 22'99 18:01 FR 714 258 0921 TO OHM-IRVINE P.03

← 2

Quanterra Air Toxics Lab

Sample Name:	CR0G3102 OHM	**Data Analyzed:**	19 Feb 1999 18:23
Misc. Info:	500 ML 18708-871 TEDLAR	**Method:**	MSA0219
Data Name:	A2157.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.03	ND	2.00
3)	Chloromethane		ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.03	ND	2.00
9)	1,1-Dichloroethene		ND	2.00
10)	Carbon Disulfide	0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.04	ND	2.00
12)	Acetone	0.03	ND	10.00
13)	Methylene Chloride	0.02	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	-0.09	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
8)	2-Butanone		ND	10.00
9)	Chloroform		ND	2.00
20)	1,1,1-Trichloroethane	-0.00	ND	2.00
21)	Carbon Tetrachloride	-0.00	ND	2.00
23)	Benzene	0.00	ND	2.00
25)	1,2-Dichloroethane		ND	2.00
26)	Trichloroethene	0.02	ND	2.00
27)	1,2-Dichloropropane		ND	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene		ND	2.00
30)	4-Methyl-2-Pentanone	-0.10	ND	10.00
32)	Toluene	-0.11	ND	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane		ND	2.00
36)	Tetrachloroethene	-0.00	ND	2.00
37)	2-Hexanone		ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.03	ND	2.00
42)	p,&m-Xylene	0.13	ND	2.00
43)	o-Xylene	0.05	ND	2.00
44)	Styrene		ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CR0G3102 OHM	**Data Analyzed:**	02/19/19 -1:8:
Misc. Info:	500 ML 18708-871 TEDLAR	**Method:**	MSA0219
Data Name:	A2157.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

Compound	dRT	Result(ppbv)	RL(ppbv)
47) 1,1,2,2-Tetrachloroethane		ND	2.00
48) Benzyl Chloride	0.17	ND	10.00
49) 4-Ethyl Toluene	0.21	ND	2.00
50) 1,3,5-Trimethylbenzene	0.20	ND	2.00
51) 1,2,4-Trimethylbenzene	0.23	ND	2.00
52) 1,3-Dichlorobenzene		ND	2.00
53) 1,4-Dichlorobenzene		ND	2.00
54) 1,2-Dichlorobenzene		ND	2.00
55) 1,2,4-Trichlorobenzene		ND	20.00
56) Hexachlorobutadiene		ND	4.00
MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	139600	OK	7.48	7.53	OK
1,4-Difluorobenzene	896155	840533	OK	9.19	9.23	OK
Chlorobenzene-d5	436678	398748	OK	14.66	14.50	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.15	102.3
Toluene-d8	50	51.81	103.6
4-Bromofluorobenzene	50	45.98	92.0

Comments:

Foot Notes:

1st Review: LR 2/19/99

2nd Review: PN 2/22/99

FEB 22.99 18:02 FR 714 258 0921 TO OHM-IRVINE P.02

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Quanterra Air Toxics Lab

Sample Name:	CR0G4102 OHM	**Data Analyzed:**	19 Feb 1999 17:27
Misc. Info:	500 ML 18708-872 TEDLAR	**Method:**	MSA0219
Data Name:	A2155.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.13	ND	2.00
3)	Chloromethane	-0.18	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)	0.33	ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)		ND	2.00
9)	1,1-Dichloroethene	-0.01	28.56	2.00
10)	Carbon Disulfide	-0.01	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	104.02	2.00
12)	Acetone	0.00	17.65 F	10.00
13)	Methylene Chloride		ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	-0.01	ND	2.00
16)	Vinyl Acetate	0.18	ND ~~12.11~~ RT, MS	10.00
17)	c-1,2-Dichloroethene	0.03	ND	2.00
18)	2-Butanone	-0.02	ND	10.00
19)	Chloroform	-0.03	27.18 F	2.00
20)	1,1,1-Trichloroethane	-0.04	ND	2.00
21)	Carbon Tetrachloride	-0.02	11.10	2.00
23)	Benzene	0.01	3.93 F	2.00
25)	1,2-Dichloroethane	-0.01	2.50 ~~ND 2.30~~ ~~MS~~ F	2.00
26)	Trichloroethene	-0.01	64.07	2.00
27)	1,2-Dichloropropane	-0.16	ND ~~8.65~~ RT, MS	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	-0.40	ND	2.00
30)	4-Methyl-2-Pentanone	-0.43	ND	10.00
32)	Toluene	-0.11	28.83	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.35	ND	2.00
36)	Tetrachloroethene	-0.05	2.19	2.00
37)	2-Hexanone	-0.11	ND	30.00
38)	Dibromochloromethane	-0.20	ND	2.00
39)	1,2-Dibromoethane	0.43	ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.01	ND	2.00
42)	p,&m-Xylene	0.04	3.23	2.00
43)	o-Xylene	0.05	ND	2.00
44)	Styrene	0.00	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CR0G4102 OHM	**Data Analyzed:**	02/19/19 -1:7:
Misc. Info:	500 ML 18708-872 TEDLAR	**Method:**	MSA0219
Data Name:	A2155.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.24	ND	2.00
48)	Benzyl Chloride	0.41	ND	10.00
49)	4-Ethyl Toluene	-0.00	ND	2.00
50)	1,3,5-Trimethylbenzene	0.05	ND	2.00
51)	1,2,4-Trimethylbenzene	0.07	ND	2.00
52)	1,3-Dichlorobenzene	0.10	11.51	2.00
53)	1,4-Dichlorobenzene	-0.05	ND ~~9.67~~ RT.	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene		ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	139754	OK	7.48	7.54	OK
1,4-Difluorobenzene	896155	862289	OK	9.19	9.23	OK
Chlorobenzene-d5	436678	419811	OK	14.66	14.57	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	58.84	117.7
Toluene-d8	50	50.87	101.7
4-Bromofluorobenzene	50	48.65	97.3

Comments:

Foot Notes: F

1st Review: LR 2/19/99

2nd Review: PN 2/22/99

-4

Quanterra Air Toxics Lab

Sample Name:	CR0GC102 OHM	**Data Analyzed:**	19 Feb 1999 17:56
Misc. Info:	500 ML 18708-873 TEDLAR	**Method:**	MSA0219
Data Name:	A2156.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.01	ND	2.00
3)	Chloromethane	0.01	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.02	ND	2.00
9)	1,1-Dichloroethene		ND	2.00
10)	Carbon Disulfide	0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.03	ND	2.00
12)	Acetone	0.01	ND	10.00
13)	Methylene Chloride	0.01	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.02	ND	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.00	ND	10.00
19)	Chloroform	-0.04	ND	2.00
20)	1,1,1-Trichloroethane	-0.05	ND	2.00
21)	Carbon Tetrachloride	-0.01	ND	2.00
23)	Benzene	-0.02	ND	2.00
25)	1,2-Dichloroethane	0.11	ND	2.00
26)	Trichloroethene	-0.04	ND	2.00
27)	1,2-Dichloropropane	-0.15	ND ~~-9.39~~ RT MS	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.35	ND	2.00
30)	4-Methyl-2-Pentanone	-0.41	ND	10.00
32)	Toluene	-0.11	14.39	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.45	ND	2.00
36)	Tetrachloroethene	-0.01	ND	2.00
37)	2-Hexanone		ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.00	ND	2.00
42)	p,&m-Xylene	0.01	2.29	2.00
43)	o-Xylene	0.00	ND	2.00
44)	Styrene	0.02	ND	2.00
45)	Bromoform		ND	2.00

FEB 22'99 18:04 FR 214 258 0921 TO OHM-IRVINE P.14

Sample Name:	CR0GC102 OHM	**Data Analyzed:**	02/19/19 -1:7:
Misc. Info:	500 ML 18708-873 TEDLAR	**Method:**	MSA0219
Data Name:	A2156.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.32	ND	2.00
48)	Benzyl Chloride	0.21	ND	10.00
49)	4-Ethyl Toluene	0.11	ND	2.00
50)	1,3,5-Trimethylbenzene	0.19	ND	2.00
51)	1,2,4-Trimethylbenzene	0.19	ND	2.00
52)	1,3-Dichlorobenzene	0.17	2.18	2.00
53)	1,4-Dichlorobenzene	0.02	ND ~~2.04~~ RT	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene	0.57	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	141057	OK	7.48	7.53	OK
1,4-Difluorobenzene	896155	831463	OK	9.19	9.23	OK
Chlorobenzene-d5	436678	411611	OK	14.66	14.53	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.49	105.0
Toluene-d8	50	54.24	108.5
4-Bromofluorobenzene	50	48.34	96.7

Comments:

Foot Notes:

1st Review: LR 2/19/99

2nd Review: PN 2/22/99

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Quanterra Air Toxics Lab

Sample Name:	CR0GF102 OHM	**Data Analyzed:**	19 Feb 1999 18:49
Misc. Info:	500 ML 18708-874 TEDLAR	**Method:**	MSA0219
Data Name:	A2158.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.01	ND	2.00
3)	Chloromethane	0.00	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	0.05	ND	2.00
9)	1,1-Dichloroethene		ND	2.00
10)	Carbon Disulfide	0.02	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	ND	2.00
12)	Acetone	0.03	12.84	10.00
13)	Methylene Chloride	0.02	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane	0.01	ND	2.00
16)	Vinyl Acetate	0.18	ND ~~17.93~~ RT, MS.	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	-0.03	ND	10.00
19)	Chloroform	-0.12	ND	2.00
20)	1,1,1-Trichloroethane	-0.03	ND	2.00
21)	Carbon Tetrachloride	-0.01	ND	2.00
23)	Benzene	0.02	ND	2.00
25)	1,2-Dichloroethane	-0.17	ND ~~2.04~~ RT, MS	2.00
26)	Trichloroethene	-0.00	3.14	2.00
27)	1,2-Dichloropropane	-0.13	ND ~~40.04~~ RT, MS	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	-0.48	ND	2.00
30)	4-Methyl-2-Pentanone	-0.40	ND ~~12.15~~ RT, MS.	10.00
32)	Toluene	-0.08	49.79	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.18	ND	2.00
36)	Tetrachloroethene	-0.05	2.30	2.00
37)	2-Hexanone	-0.16	ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane	-0.28	ND	2.00
40)	Chlorobenzene	-0.01	ND	2.00
41)	Ethylbenzene	0.00	2.05	2.00
42)	p,&m-Xylene	0.01	5.61	2.00
43)	o-Xylene	0.04	ND	2.00
44)	Styrene	0.02	ND	2.00
45)	Bromoform		ND	2.00

FEB 22'99 18:05 FR 714 258 0921 TO OHM-IRVINE P.18

Sample Name:	CR0GF102 OHM	**Data Analyzed:**	02/19/19 -1:8;
Misc. Info:	500 ML 18708-874 TEDLAR	**Method:**	MSA0219
Data Name:	A2158.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.20	ND	2.00
48)	Benzyl Chloride	0.10	ND	10.00
49)	4-Ethyl Toluene	0.05	ND	2.00
50)	1,3,5-Trimethylbenzene	0.09	ND	2.00
51)	1,2,4-Trimethylbenzene	0.07	ND	2.00
52)	1,3-Dichlorobenzene	0.08	14.32	2.00
53)	1,4-Dichlorobenzene	-0.07	ND ~~14.93~~ RT	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene		ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	146802	OK	7.48	7.54	OK
1,4-Difluorobenzene	896155	858493	OK	9.19	9.22	OK
Chlorobenzene-d5	436678	408294	OK	14.66	14.58	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	56.96	113.9
Toluene-d8	50	52.72	105.4
4-Bromofluorobenzene	50	50.68	101.4

Comments:

Foot Notes:

1st Review: LR 2/19/99

2nd Review: PNI 2/22/99

M9B190219-6

Quanterra Air Toxics Lab

Sample Name:	CR0GH102 OHM	**Data Analyzed:**	19 Feb 1999 16:31
Misc. Info:	500 ML 18708-875 TEDLAR	**Method:**	MSA0219
Data Name:	A2153.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
2)	Dichlorodifluoromethane (12)	-0.02	ND	2.00
3)	Chloromethane	0.24	ND	4.00
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	2.00
5)	Vinyl Chloride		ND	2.00
6)	Bromomethane		ND	2.00
7)	Chloroethane		ND	4.00
8)	Trichlorofluoromethane (11)	-0.04	ND	2.00
9)	1,1-Dichloroethene	-0.03	ND	2.00
10)	Carbon Disulfide	-0.04	ND	10.00
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.04	12.41	2.00
12)	Acetone	-0.04	13.65	10.00
13)	Methylene Chloride	-0.01	ND	2.00
14)	t-1,2-Dichloroethene		ND	2.00
15)	1,1-Dichloroethane		ND	2.00
16)	Vinyl Acetate	0.20	ND ~~13.65~~ RT, MS	10.00
17)	c-1,2-Dichloroethene		ND	2.00
18)	2-Butanone	0.27	ND ~~32.03~~ RT, MS.	10.00
19)	Chloroform	0.02	ND	2.00
20)	1,1,1-Trichloroethane	0.02	ND	2.00
21)	Carbon Tetrachloride	0.01	ND	2.00
23)	Benzene	-0.00	ND	2.00
25)	1,2-Dichloroethane	0.04	ND	2.00
26)	Trichloroethene	0.02	ND	2.00
27)	1,2-Dichloropropane	-0.11	ND ~~7.35~~ RT, MS.	2.00
28)	Bromodichloromethane		ND	2.00
29)	c-1,3-Dichloropropene	0.49	ND	2.00
30)	4-Methyl-2-Pentanone	-0.35	ND	10.00
32)	Toluene	-0.04	25.90	~~2.00~~ 5
34)	t-1,3-Dichloropropene		ND	2.00
35)	1,1,2-Trichloroethane	0.43	ND	2.00
36)	Tetrachloroethene	-0.01	ND	2.00
37)	2-Hexanone		ND	30.00
38)	Dibromochloromethane		ND	2.00
39)	1,2-Dibromoethane		ND	2.00
40)	Chlorobenzene		ND	2.00
41)	Ethylbenzene	0.04	ND	2.00
42)	p,&m-Xylene	0.04	3.69	2.00
43)	o-Xylene	0.09	ND	2.00
44)	Styrene	0.05	ND	2.00
45)	Bromoform		ND	2.00

Sample Name:	CR0GH102 OHM	**Data Analyzed:**	02/19/19 -1:6:
Misc. Info:	500 ML 18708-875 TEDLAR	**Method:**	MSA0219
Data Name:	A2153.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA–1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	0.21	ND	2.00
48)	Benzyl Chloride	0.30	ND	10.00
49)	4-Ethyl Toluene	0.13	ND	2.00
50)	1,3,5-Trimethylbenzene	0.17	ND	2.00
51)	1,2,4-Trimethylbenzene	0.19	ND	2.00
52)	1,3-Dichlorobenzene	0.24	4.50	2.00
53)	1,4-Dichlorobenzene	0.09	ND ~~3.97~~ RT	2.00
54)	1,2-Dichlorobenzene		ND	2.00
55)	1,2,4-Trichlorobenzene	0.25	ND	20.00
56)	Hexachlorobutadiene		ND	4.00
	MTBE		ND	10

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	132486	OK	7.48	7.44	OK
1,4-Difluorobenzene	896155	742912	OK	9.19	9.15	OK
Chlorobenzene-d5	436678	373284	OK	14.66	14.47	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	59.69	119.4
Toluene-d8	50	52.64	105.3
4-Bromofluorobenzene	50	51.27	102.5

Comments:

Foot Notes:

1st Review: 2/22/99

2nd Review: PN 2/22/99

FEB 22'99 18:06 FR 714 256 0921 TO OHM-IRVINE P.23

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D:\GCMSA~1\990215\A2159.D

Quanterra Air Toxics Lab

Sample Name:	CR0GK102 OHM	**Data Analyzed:**	19 Feb 1999 19:19
Misc. Info:	50 ML 18708-876 TEDLAR	**Method:**	MSA0219
Data Name:	A2159.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	10

Compound	dRT	Result(ppbv)	RL(ppbv)
2) Dichlorodifluoromethane (12)		ND	20.00
3) Chloromethane	0.25	ND	40.00
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	20.00
5) Vinyl Chloride		ND	20.00
6) Bromomethane		ND	20.00
7) Chloroethane		ND	40.00
8) Trichlorofluoromethane (11)		ND	20.00
9) 1,1-Dichloroethene	0.02	200.26	20.00
10) Carbon Disulfide	0.08	ND	100.00
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	1529.07	20.00
12) Acetone	-0.09	ND ~~121.34~~ RT	100.00
13) Methylene Chloride		ND	20.00
14) t-1,2-Dichloroethene		ND	20.00
15) 1,1-Dichloroethane	-0.00	ND	20.00
16) Vinyl Acetate	-0.06	ND	100.00
17) c-1,2-Dichloroethene		ND	20.00
18) 2-Butanone	0.32	ND	100.00
19) Chloroform	-0.01	51.31	20.00
20) 1,1,1-Trichloroethane	0.39	ND	20.00
21) Carbon Tetrachloride	0.01	99.74	20.00
23) Benzene	-0.07	ND	20.00
25) 1,2-Dichloroethane	-0.02	ND	20.00
26) Trichloroethene	-0.01	199.27	20.00
27) 1,2-Dichloropropane		ND	20.00
28) Bromodichloromethane		ND	20.00
29) c-1,3-Dichloropropene		ND	20.00
30) 4-Methyl-2-Pentanone	-0.39	ND	100.00
32) Toluene	-0.03	ND ~~36.14~~ <RL	~~20.00~~ 50
34) t-1,3-Dichloropropene		ND	20.00
35) 1,1,2-Trichloroethane		ND	20.00
36) Tetrachloroethene	0.04	ND	20.00
37) 2-Hexanone		ND	300.00
38) Dibromochloromethane		ND	20.00
39) 1,2-Dibromoethane		ND	20.00
40) Chlorobenzene		ND	20.00
41) Ethylbenzene	-0.00	ND	20.00
42) p,&m-Xylene	-0.00	ND	20.00
43) o-Xylene	0.01	ND	20.00
44) Styrene		ND	20.00
45) Bromoform		ND	20.00

FEB 22'99 18:07 FR 714 258 0921 TO OHM-IRVINE P.26

Sample Name:	CR0GK102 OHM	**Data Analyzed:**	02/19/19 -1:9:
Misc. Info:	50 ML 18708-876 TEDLAR	**Method:**	MSA0219
Data Name:	A2159.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	10

	Compound	dRT	Result(ppbv)	RL(ppbv)
47)	1,1,2,2-Tetrachloroethane	-0.34	ND	20.00
48)	Benzyl Chloride	0.05	ND	100.00
49)	4-Ethyl Toluene	-0.06	ND	20.00
50)	1,3,5-Trimethylbenzene	0.04	ND	20.00
51)	1,2,4-Trimethylbenzene	-0.01	ND	20.00
52)	1,3-Dichlorobenzene	-0.02	ND	20.00
53)	1,4-Dichlorobenzene	-0.17	ND	20.00
54)	1,2-Dichlorobenzene		ND	20.00
55)	1,2,4-Trichlorobenzene		ND	200.00
56)	Hexachlorobutadiene		ND	40.00
	MTBE		ND	100

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	138050	OK	7.48	7.52	OK
1,4-Difluorobenzene	896155	803390	OK	9.19	9.24	OK
Chlorobenzene-d5	436678	392324	OK	14.66	14.68	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.76	107.5
Toluene-d8	50	53.63	107.3
4-Bromofluorobenzene	50	47.36	94.7

Comments:

Foot Notes:

1st Review: LR 2/22/99

2nd Review: PNI 2/22/99

FEB 22'99 18:07 FR 714 258 0921 TO OHM-IRVINE P.27

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Quanterra Air Toxics Lab

Sample Name:	CR0G010~~1~~ OHM	**Data Analyzed:**	19 Feb 1999 17:00
Misc. Info:	500 ML 18708-870 TEDLAR	**Method:**	MSA0219
Data Name:	A2154.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

Compound	dRT	Result(ug/L)	RL(ug/L)
2) Dichlorodifluoromethane (12)	0.01	ND	0.0099
3) Chloromethane	0.03	ND	0.0082
4) 1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5) Vinyl Chloride		ND	0.0051
6) Bromomethane		ND	0.0078
7) Chloroethane		ND	0.0105
8) Trichlorofluoromethane (11)	0.02	ND	0.0112
9) 1,1-Dichloroethene		ND	0.0079
10) Carbon Disulfide	0.02	ND	0.0311
11) 1,1,2-Cl 1,2,2-F ethane (113)	0.00	ND	0.0153
12) Acetone	0.00	ND	0.0237
13) Methylene Chloride	0.02	ND	0.0069
14) t-1,2-Dichloroethene		ND	0.0079
15) 1,1-Dichloroethane		ND	0.0081
16) Vinyl Acetate	0.21	ND	0.0351
17) c-1,2-Dichloroethene		ND	0.0079
18) 2-Butanone	-0.03	ND	0.0294
19) Chloroform	-0.11	ND	0.0097
20) 1,1,1-Trichloroethane		ND	0.0109
21) Carbon Tetrachloride	-0.03	ND	0.0126
23) Benzene	0.02	ND	0.0064
25) 1,2-Dichloroethane	-0.01	~~ND~~	0.0081
26) Trichloroethene	-0.01	0.0115	0.0107
27) 1,2-Dichloropropane	-0.13	ND ~~0.0280~~	0.0092
28) Bromodichloromethane		ND	0.0134
29) c-1,3-Dichloropropene	-0.31	ND	0.0091
30) 4-Methyl-2-Pentanone	-0.42	ND	0.0409
32) Toluene	-0.09	0.1225	~~0.0075~~ 0.019
34) t-1,3-Dichloropropene		ND	0.0091
35) 1,1,2-Trichloroethane	0.39	ND	0.0109
36) Tetrachloroethene	-0.02	ND	0.0135
37) 2-Hexanone	-0.18	ND	0.1226
38) Dibromochloromethane	-0.25	ND	0.0170
39) 1,2-Dibromoethane	-0.27	ND	0.0153
40) Chlorobenzene		ND	0.0092
41) Ethylbenzene	0.02	~~ND~~	0.0087
42) p,&m-Xylene	0.03	0.0214	0.0087
43) o-Xylene	0.01	~~ND~~	0.0087
44) Styrene	-0.00	ND	0.0085
45) Bromoform		ND	0.0206

FEB 22'99 18:01 FR 714 258 0921 TO OHM-IRVINE P.04

Sample Name:	CR0G0102 OHM	**Data Analyzed:**	02/19/19 -1:7:
Misc. Info:	500 ML 18708-870 TEDLAR	**Method:**	MSA0219
Data Name:	A2154.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.15	ND	0.0137
48)	Benzyl Chloride	0.27	ND	0.0518
49)	4-Ethyl Toluene	0.11	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.41	ND ~~0.0137~~ RT	0.0098
51)	1,2,4-Trimethylbenzene	0.22	ND	0.0098
52)	1,3-Dichlorobenzene	0.20	0.0914	0.0120
53)	1,4-Dichlorobenzene	0.05	ND ~~0.0760~~ RT	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	141960	OK	7.48	7.54	OK
1,4-Difluorobenzene	896155	814661	OK	9.19	9.23	OK
Chlorobenzene-d5	436678	393646	OK	14.66	14.52	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.91	107.8
Toluene-d8	50	52.42	104.8
4-Bromofluorobenzene	50	49.01	98.0

Comments:

Foot Notes:

1st Review: LR 2/22/99 2nd Review PN 2/22/99

FEB 22'99 18:02 FR 714 258 0921 TO OHM-IRVINE P.05

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Quanterra Air Toxics Lab

Sample Name:	CR0G3102 OHM	**Data Analyzed:**	19 Feb 1999 18:23
Misc. Info:	500 ML 18708-871 TEDLAR	**Method:**	MSA0219
Data Name:	a2157.d	**Shift Cali.File:**	CC02191.D
Data Path:	d:\gcmsa-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)	
2)	Dichlorodifluoromethane (12)	-0.03	ND	0.0099	
3)	Chloromethane		ND	0.0082	
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140	
5)	Vinyl Chloride		ND	0.0051	
6)	Bromomethane		ND	0.0078	
7)	Chloroethane		ND	0.0105	
8)	Trichlorofluoromethane (11)	0.03	ND	0.0112	
9)	1,1-Dichloroethene		ND	0.0079	
10)	Carbon Disulfide	0.01	ND	0.0311	
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.04	ND	0.0153	
12)	Acetone	0.03	ND	0.0237	
13)	Methylene Chloride	0.02	ND	0.0069	
14)	t-1,2-Dichloroethene		ND	0.0079	
15)	1,1-Dichloroethane		ND	0.0081	
16)	Vinyl Acetate	-0.09	ND	0.0351	
17)	c-1,2-Dichloroethene		ND	0.0079	
18)	2-Butanone		ND	0.0294	
19)	Chloroform		ND	0.0097	
20)	1,1,1-Trichloroethane	-0.00	ND	0.0109	
21)	Carbon Tetrachloride	-0.00	ND	0.0126	
23)	Benzene	0.00	ND	0.0064	
25)	1,2-Dichloroethane		ND	0.0081	
26)	Trichloroethene	0.02	ND	0.0107	
27)	1,2-Dichloropropane		ND	0.0092	
28)	Bromodichloromethane		ND	0.0134	
29)	c-1,3-Dichloropropene		ND	0.0091	
30)	4-Methyl-2-Pentanone	-0.10	ND	0.0409	
32)	Toluene	-0.11	ND	~~0.0075~~	0.019
34)	t-1,3-Dichloropropene		ND	0.0091	
35)	1,1,2-Trichloroethane		ND	0.0109	
36)	Tetrachloroethene	-0.00	ND	0.0135	
37)	2-Hexanone		ND	0.1226	
38)	Dibromochloromethane		ND	0.0170	
39)	1,2-Dibromoethane		ND	0.0153	
40)	Chlorobenzene		ND	0.0092	
41)	Ethylbenzene	0.03	ND	0.0087	
42)	p,&m-Xylene	0.13	ND	0.0087	
43)	o-Xylene	0.05	ND	0.0087	
44)	Styrene		ND	0.0085	
45)	Bromoform		ND	0.0206	

FEB 22'99 18:02 FR 714 258 0921 TO OHM-IRVINE P.08

Sample Name:	CR0G3102 OHM	**Data Analyzed:**	02/19/19 -1:8:
Misc. Info:	500 ML 18708-871 TEDLAR	**Method:**	MSA0219
Data Name:	a2157.d	**Shift Cali.File:**	CC02191.D
Data Path:	d:\gcmsa–1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane		ND	0.0137
48)	Benzyl Chloride	0.17	ND	0.0518
49)	4-Ethyl Toluene	0.21	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.20	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.23	ND	0.0098
52)	1,3-Dichlorobenzene		ND	0.0120
53)	1,4-Dichlorobenzene		ND	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	139600	OK	7.48	7.53	OK
1,4-Difluorobenzene	896155	840533	OK	9.19	9.23	OK
Chlorobenzene-d5	436678	398748	OK	14.66	14.50	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	51.15	102.3
Toluene-d8	50	51.81	103.6
4-Bromofluorobenzene	50	45.98	92.0

Comments:

Foot Notes:

1st Review: LR 2/22/99 2nd Review PKI 2/22/99

FEB 22'99 18:03 FR 714 258 0921 TO OHM-IRVINE P.09

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Quanterra Air Toxics Lab

Sample Name:	CR0G410 OHM	**Data Analyzed:**	19 Feb 1999 17:27
Misc. Info:	500 ML 18708-872 TEDLAR	**Method:**	MSA0219
Data Name:	A2155.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)		RL(ug/L)	
2)	Dichlorodifluoromethane (12)	-0.13	ND		0.0099	
3)	Chloromethane	-0.18	ND		0.0082	
4)	1,2-Cl-1,1,2,2-F ethane (114)	0.33	ND		0.0140	
5)	Vinyl Chloride		ND		0.0051	
6)	Bromomethane		ND		0.0078	
7)	Chloroethane		ND		0.0105	
8)	Trichlorofluoromethane (11)		ND		0.0112	
9)	1,1-Dichloroethene	-0.01	0.1130		0.0079	
10)	Carbon Disulfide	-0.01	ND		0.0311	
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	0.7956		0.0153	
12)	Acetone	0.00	0.0419	F	0.0237	
13)	Methylene Chloride		ND		0.0069	
14)	t-1,2-Dichloroethene		ND		0.0079	
15)	1,1-Dichloroethane	-0.01	ND		0.0081	
16)	Vinyl Acetate	0.18	ND ~~0.0426~~		0.0351	
17)	c-1,2-Dichloroethene	0.03	ND		0.0079	
18)	2-Butanone	-0.02	ND		0.0294	
19)	Chloroform	-0.03	0.1325	F	0.0097	
20)	1,1,1-Trichloroethane	-0.04	ND		0.0109	
21)	Carbon Tetrachloride	-0.02	0.0697		0.0126	
23)	Benzene	0.01	0.0125	F	0.0064	
25)	1,2-Dichloroethane	-0.01	ND ~~0.0101~~		0.0081	
26)	Trichloroethene	-0.01	0.3436		0.0107	
27)	1,2-Dichloropropane	-0.16	ND ~~0.0399~~		0.0092	
28)	Bromodichloromethane		ND		0.0134	
29)	c-1,3-Dichloropropene	-0.40	ND		0.0091	
30)	4-Methyl-2-Pentanone	-0.43	ND		0.0409	
32)	Toluene	-0.11	0.1084		~~0.0075~~	0.019
34)	t-1,3-Dichloropropene		ND		0.0091	
35)	1,1,2-Trichloroethane	0.35	ND		0.0109	
36)	Tetrachloroethene	-0.05	0.0149		0.0135	
37)	2-Hexanone	-0.11	ND		0.1226	
38)	Dibromochloromethane	-0.20	ND		0.0170	
39)	1,2-Dibromoethane	0.43	ND		0.0153	
40)	Chlorobenzene		ND		0.0092	
41)	Ethylbenzene	0.01	ND		0.0087	
42)	p,&m-Xylene	0.04	0.0140		0.0087	
43)	o-Xylene	0.05	ND		0.0087	
44)	Styrene	0.00	ND		0.0085	
45)	Bromoform		ND		0.0206	

FEB 22'99 18:03 FR 714 258 0921 TO OHM-IRVINE P.12

Sample Name:	CR0G4102 OHM	**Data Analyzed:**	02/19/19 -1:7:
Misc. Info:	500 ML 18708-872 TEDLAR	**Method:**	MSA0219
Data Name:	A2155.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.24	ND	0.0137
48)	Benzyl Chloride	0.41	ND	0.0518
49)	4-Ethyl Toluene	-0.00	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.05	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.07	ND	0.0098
52)	1,3-Dichlorobenzene	0.10	0.0691	0.0120
53)	1,4-Dichlorobenzene	-0.05	ND ~~0.0580~~ RT	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	139754	OK	7.48	7.54	OK
1,4-Difluorobenzene	896155	862289	OK	9.19	9.23	OK
Chlorobenzene-d5	436678	419811	OK	14.66	14.57	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	58.84	117.7
Toluene-d8	50	50.87	101.7
4-Bromofluorobenzene	50	48.65	97.3

Comments:

Foot Notes: F

1st Review: LR 2/22/99 2nd Review PN 2/22/99

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Quanterra Air Toxics Lab

Sample Name:	CR0GC10¼ OHM	**Data Analyzed:**	19 Feb 1999 17:56
Misc. Info:	500 ML 18708-873 TEDLAR	**Method:**	MSA0219
Data Name:	A2156.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.01	ND	0.0099
3)	Chloromethane	0.01	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.02	ND	0.0112
9)	1,1-Dichloroethene		ND	0.0079
10)	Carbon Disulfide	0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.03	ND	0.0153
12)	Acetone	0.01	ND	0.0237
13)	Methylene Chloride	0.01	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.02	ND	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.00	ND	0.0294
19)	Chloroform	-0.04	ND	0.0097
20)	1,1,1-Trichloroethane	-0.05	ND	0.0109
21)	Carbon Tetrachloride	-0.01	ND	0.0126
23)	Benzene	-0.02	ND	0.0064
25)	1,2-Dichloroethane	0.11	ND	0.0081
26)	Trichloroethene	-0.04	ND	0.0107
27)	1,2-Dichloropropane	-0.15	ND ~~0.0135~~	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.35	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.41	ND	0.0409
32)	Toluene	-0.11	0.0541	~~0.0075~~ 0.017
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.45	ND	0.0109
36)	Tetrachloroethene	-0.01	ND	0.0135
37)	2-Hexanone		ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.00	ND	0.0087
42)	p,&m-Xylene	0.01	0.0099	0.0087
43)	o-Xylene	0.00	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

FEB 22'99 18:04 FR 714 258 0921 TO OHM-IRVINE P.16

Sample Name:	CR0GC102 OHM	**Data Analyzed:**	02/19/19 -1:7:
Misc. Info:	500 ML 18708-873 TEDLAR	**Method:**	MSA0219
Data Name:	A2156.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.32	ND	0.0137
48)	Benzyl Chloride	0.21	ND	0.0518
49)	4-Ethyl Toluene	0.11	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.19	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.19	ND	0.0098
52)	1,3-Dichlorobenzene	0.17	0.0131	0.0120
53)	1,4-Dichlorobenzene	0.02	ND ~~0.0123~~ RT	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	0.57	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	141057	OK	7.48	7.53	OK
1,4-Difluorobenzene	896155	831463	OK	9.19	9.23	OK
Chlorobenzene-d5	436678	411611	OK	14.66	14.53	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	52.49	105.0
Toluene-d8	50	54.24	108.5
4-Bromofluorobenzene	50	48.34	96.7

Comments:

Foot Notes:

1st Review: LR 2/22/99 2nd Review PN 2/22/99

FEB 22'99 18:05 FR 714 258 0921 TO OHM-IRVINE P.17

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Quanterra Air Toxics Lab

Sample Name:	CR0GF102 OHM	**Data Analyzed:**	19 Feb 1999 18:49
Misc. Info:	500 ML 18708-874 TEDLAR	**Method:**	MSA0219
Data Name:	A2158.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.01	ND	0.0099
3)	Chloromethane	0.00	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	0.05	ND	0.0112
9)	1,1-Dichloroethene		ND	0.0079
10)	Carbon Disulfide	0.02	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.01	ND	0.0153
12)	Acetone	0.03	0.0305	0.0237
13)	Methylene Chloride	0.02	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane	0.01	ND	0.0081
16)	Vinyl Acetate	0.18	ND ~~0.0639~~	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	-0.03	ND	0.0294
19)	Chloroform	-0.12	ND	0.0097
20)	1,1,1-Trichloroethane	-0.03	ND	0.0109
21)	Carbon Tetrachloride	-0.01	ND	0.0126
23)	Benzene	0.02	ND	0.0064
25)	1,2-Dichloroethane	-0.17	ND ~~0.0083~~	0.0081
26)	Trichloroethene	-0.00	0.0168	0.0107
27)	1,2-Dichloropropane	-0.13	ND ~~0.0463~~	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	-0.48	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.40	ND ~~0.0497~~	0.0409
32)	Toluene	-0.08	0.1873	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.18	ND	0.0109
36)	Tetrachloroethene	-0.05	0.0155	0.0135
37)	2-Hexanone	-0.16	ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane	-0.28	ND	0.0153
40)	Chlorobenzene	-0.01	ND	0.0092
41)	Ethylbenzene	0.00	0.0089	0.0087
42)	p,&m-Xylene	0.01	0.0243	0.0087
43)	o-Xylene	0.04	ND	0.0087
44)	Styrene	0.02	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CR0GF102 OHM	**Data Analyzed:**	02/19/19 -1:8:
Misc. Info:	500 ML 18708-874 TEDLAR	**Method:**	MSA0219
Data Name:	A2158.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.20	ND	0.0137
48)	Benzyl Chloride	0.10	ND	0.0518
49)	4-Ethyl Toluene	0.05	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.09	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.07	ND	0.0098
52)	1,3-Dichlorobenzene	0.08	0.0859	0.0120
53)	1,4-Dichlorobenzene	-0.07	ND ~~0.0716~~	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene		ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	146802	OK	7.48	7.54	OK
1,4-Difluorobenzene	896155	858493	OK	9.19	9.22	OK
Chlorobenzene-d5	436678	408294	OK	14.66	14.58	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	56.96	113.9
Toluene-d8	50	52.72	105.4
4-Bromofluorobenzene	50	50.68	101.4

Comments:

Foot Notes:

1st Review: LR 2/22/99 2nd Review PN 2/22/99

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Quanterra Air Toxics Lab

Sample Name:	CR0GH107 OHM	**Data Analyzed:**	19 Feb 1999 16:31
Misc. Info:	500 ML 18708-875 TEDLAR	**Method:**	MSA0219
Data Name:	A2153.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
2)	Dichlorodifluoromethane (12)	-0.02	ND	0.0099
3)	Chloromethane	0.24	ND	0.0082
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND	0.0140
5)	Vinyl Chloride		ND	0.0051
6)	Bromomethane		ND	0.0078
7)	Chloroethane		ND	0.0105
8)	Trichlorofluoromethane (11)	-0.04	ND	0.0112
9)	1,1-Dichloroethene	-0.03	ND	0.0079
10)	Carbon Disulfide	-0.04	ND	0.0311
11)	1,1,2-Cl 1,2,2-F ethane (113)	-0.04	0.0949	0.0153
12)	Acetone	-0.04	0.0324	0.0237
13)	Methylene Chloride	-0.01	ND	0.0069
14)	t-1,2-Dichloroethene		ND	0.0079
15)	1,1-Dichloroethane		ND	0.0081
16)	Vinyl Acetate	0.20	ND ~~0.0487~~	0.0351
17)	c-1,2-Dichloroethene		ND	0.0079
18)	2-Butanone	0.27	ND ~~0.0909~~	0.0294
19)	Chloroform	0.02	ND	0.0097
20)	1,1,1-Trichloroethane	0.02	ND	0.0109
21)	Carbon Tetrachloride	0.01	ND	0.0126
23)	Benzene	-0.00	ND	0.0064
25)	1,2-Dichloroethane	0.04	ND	0.0081
26)	Trichloroethene	0.02	ND	0.0107
27)	1,2-Dichloropropane	-0.11	ND ~~0.0339~~	0.0092
28)	Bromodichloromethane		ND	0.0134
29)	c-1,3-Dichloropropene	0.49	ND	0.0091
30)	4-Methyl-2-Pentanone	-0.35	ND	0.0409
32)	Toluene	-0.04	0.0974	~~0.0075~~ 0.019
34)	t-1,3-Dichloropropene		ND	0.0091
35)	1,1,2-Trichloroethane	0.43	ND	0.0109
36)	Tetrachloroethene	-0.01	ND	0.0135
37)	2-Hexanone		ND	0.1226
38)	Dibromochloromethane		ND	0.0170
39)	1,2-Dibromoethane		ND	0.0153
40)	Chlorobenzene		ND	0.0092
41)	Ethylbenzene	0.04	ND	0.0087
42)	p,&m-Xylene	0.04	0.0160	0.0087
43)	o-Xylene	0.09	ND	0.0087
44)	Styrene	0.05	ND	0.0085
45)	Bromoform		ND	0.0206

Sample Name:	CR0GH102 OHM	**Data Analyzed:**	02/19/19 -1:6:
Misc. Info:	500 ML 18708-875 TEDLAR	**Method:**	MSA0219
Data Name:	A2153.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	1

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	0.21	ND	0.0137
48)	Benzyl Chloride	0.30	ND	0.0518
49)	4-Ethyl Toluene	0.13	ND	0.0098
50)	1,3,5-Trimethylbenzene	0.17	ND	0.0098
51)	1,2,4-Trimethylbenzene	0.19	ND	0.0098
52)	1,3-Dichlorobenzene	0.24	0.0270	0.0120
53)	1,4-Dichlorobenzene	0.09	ND ~~0.0228~~ RT	0.0120
54)	1,2-Dichlorobenzene		ND	0.0120
55)	1,2,4-Trichlorobenzene	0.25	ND	0.1481
56)	Hexachlorobutadiene		ND	0.0426
	MTBE		ND	0.036

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	132486	OK	7.48	7.44	OK
1,4-Difluorobenzene	896155	742912	OK	9.19	9.15	OK
Chlorobenzene-d5	436678	373284	OK	14.66	14.47	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	59.69	119.4
Toluene-d8	50	52.64	105.3
4-Bromofluorobenzene	50	51.27	102.5

Comments:

Foot Notes:

1st Review: LR 2/22/99 2nd Review PN 2/22/99

FEB 22'99 18:07 FR 714 258 0921 TO OHM-IRVINE P.25

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Quanterra Air Toxics Lab

Sample Name:	CR0GK102 OHM	**Data Analyzed:**	19 Feb 1999 19:19
Misc. Info:	50 ML 18708-876 TEDLAR	**Method:**	MSA0219
Data Name:	A2159.D	**Shift Call.File:**	CC02191.D
Data Path:	D:\GCMSA-1\990215\	**Dilution Factor:**	10

	Compound	dRT	Result(ug/L)		RL(ug/L)	
2)	Dichlorodifluoromethane (12)		ND		0.0987	
3)	Chloromethane	0.25	ND		0.0824	
4)	1,2-Cl-1,1,2,2-F ethane (114)		ND		0.1395	
5)	Vinyl Chloride		ND		0.0510	
6)	Bromomethane		ND		0.0775	
7)	Chloroethane		ND		0.1053	
8)	Trichlorofluoromethane (11)		ND		0.1121	
9)	1,1-Dichloroethene	0.02	0.7924		0.0791	
10)	Carbon Disulfide	0.08	ND		0.3108	
11)	1,1,2-Cl 1,2,2-F ethane (113)	0.00	11.6944		0.1530	
12)	Acetone	-0.09	ND ~~0.2677~~	MS	0.2371	
13)	Methylene Chloride		ND		0.0693	
14)	t-1,2-Dichloroethene		ND		0.0791	
15)	1,1-Dichloroethane	-0.00	ND		0.0808	
16)	Vinyl Acetate	-0.06	ND		0.3514	
17)	c-1,2-Dichloroethene		ND		0.0791	
18)	2-Butanone	0.32	ND		0.2943	
19)	Chloroform	-0.01	0.2500		0.0975	
20)	1,1,1-Trichloroethane	0.39	ND		0.1089	
21)	Carbon Tetrachloride	0.01	0.6261		0.1256	
23)	Benzene	-0.07	ND		0.0638	
25)	1,2-Dichloroethane	-0.02	ND		0.0808	
26)	Trichloroethene	-0.01	1.0687		0.1073	
27)	1,2-Dichloropropane		ND		0.0922	
28)	Bromodichloromethane		ND		0.1337	
29)	c-1,3-Dichloropropene		ND		0.0906	
30)	4-Methyl-2-Pentanone	-0.39	ND		0.4088	
32)	Toluene	-0.03	ND ~~0.1359~~	<RL	~~0.0752~~	0.19
34)	t-1,3-Dichloropropene		ND		0.0906	
35)	1,1,2-Trichloroethane		ND		0.1089	
36)	Tetrachloroethene	0.04	ND		0.1354	
37)	2-Hexanone		ND		1.2264	
38)	Dibromochloromethane		ND		0.1700	
39)	1,2-Dibromoethane		ND		0.1534	
40)	Chlorobenzene		ND		0.0919	
41)	Ethylbenzene	-0.00	ND		0.0867	
42)	p,&m-Xylene	-0.00	ND		0.0867	
43)	o-Xylene	0.01	ND		0.0867	
44)	Styrene		ND		0.0850	
45)	Bromoform		ND		0.2063	

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Sample Name:	CR0GK102 OHM	**Data Analyzed:**	02/19/19 -1:9:
Misc. Info:	50 ML 18708-876 TEDLAR	**Method:**	MSA0219
Data Name:	A2159.D	**Shift Cali.File:**	CC02191.D
Data Path:	D:\GCMSA~1\990215\	**Dilution Factor:**	10

	Compound	dRT	Result(ug/L)	RL(ug/L)
47)	1,1,2,2-Tetrachloroethane	-0.34	ND	0.1370
48)	Benzyl Chloride	0.05	ND	0.5176
49)	4-Ethyl Toluene	-0.06	ND	0.0981
50)	1,3,5-Trimethylbenzene	0.04	ND	0.0981
51)	1,2,4-Trimethylbenzene	-0.01	ND	0.0981
52)	1,3-Dichlorobenzene	-0.02	ND	0.1200
53)	1,4-Dichlorobenzene	-0.17	ND	0.1200
54)	1,2-Dichlorobenzene		ND	0.1200
55)	1,2,4-Trichlorobenzene		ND	1.4812
56)	Hexachlorobutadiene		ND	0.4257
	MTBE		ND	0.36

I.S.	Daily Area	Sample Area	Area Criteria	Daily R.T.	Sample R.T.	R.T. Criteria
Bromochloromethane	150223	138050	OK	7.48	7.52	OK
1,4-Difluorobenzene	896155	803390	OK	9.19	9.24	OK
Chlorobenzene-d5	436678	392324	OK	14.66	14.68	OK

Surrogates	Spiked	Found	%Recovery
1,2-Dichloroethane	50	53.76	107.5
Toluene-d8	50	53.63	107.3
4-Bromofluorobenzene	50	47.36	94.7

Comments:

Foot Notes:

1st Review: LR 2/22/99 2nd Review PN 2/22/99